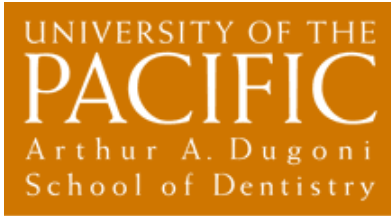


# 2012/2013 Catalog

(Transition year to full electronic catalog)



# School Catalog

## Welcome

### THE DEAN



Welcome to the University of the Pacific, Arthur A. Dugoni School of Dentistry. It is a pleasure for me to welcome the DDS Class of 2015 and IDS Class of 2014 as you embark on a promising and invigorating career as an oral healthcare provider.

This is an exciting time to be an oral health care professional. Educators, researchers, practitioners, and our legislators are confronting significant issues that impact the oral health and health care of the U.S. population. Access to care, disparities in oral health and health care, changing demographics, racial and ethnic diversity in the profession, the needs of disadvantaged populations, and keeping up with new technologies are major challenges we face. As students at Pacific you will gain awareness of these critical issues. In your senior year you will rotate through extramural clinics that will supplement your clinical training and enhance your ability to develop sound doctor-patient relationships. You will provide care to the chronically ill at Laguna Honda Hospital, to the geriatric population at San Mateo Medical Center, to the homeless through Project Homeless Connect, in addition to providing general dentistry at La Clinica, On Lok, and Sonrisas clinics. You will learn that as an oral health care provider you can have a positive impact on the oral health of patients and that you can help shape the communities in which you live and practice.

You will be mentored and guided along the way by an experienced, dedicated faculty. Course directors, row instructors, advisors, clinical faculty, Group Practice Leaders and mentors are all committed to assisting you to become the best and most up-to-date professional you can be. They will treat you as a colleague but will challenge you to engage fully in the educational program and to manage your learning. The Pacific faculty embodies the student-centered, humanistic approach to education that makes Pacific unique among U.S. dental schools.

You are entering the profession at an exciting and unique time. I wish you the best as you begin your career in this dynamic profession.

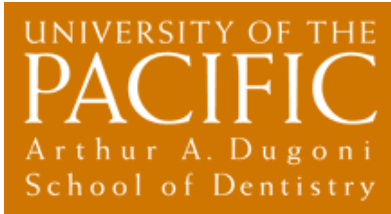
Patrick J. Ferrillo, Jr., DDS  
Dean, Arthur A. Dugoni School of Dentistry

*July 2012*

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## School Catalog

### Reservation of Powers

#### **RESERVATION OF POWERS**

The School of Dentistry reserves the right to modify or change the curriculum, admission standards, course content, degree requirements, regulations, policies, procedures, tuition, and fees at any time without prior notice and effective immediately. Such changes or modifications will be posted in the online catalog, the source of the most current catalog information.

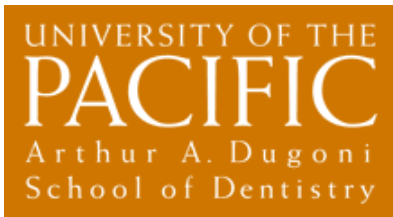
The information in this catalog is not to be regarded as creating an express or implied agreement between the student (or applicant) and the school, nor does its contents limit the academic and administrative discretion of the school's administration.

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## School Catalog

### History & Educational Goals

#### **HISTORY AND EDUCATIONAL GOALS**

One of the world's most distinctive metropolitan centers, San Francisco has been the home of the School of Dentistry since its incorporation in 1896 as the College of Physicians and Surgeons. The school has been recognized since its inception as a major resource for dental education in the Western states.

- In 1962 the College of Physicians and Surgeons joined the University of the Pacific.
- In 1967 an eight story building was completed for the teaching of clinical dentistry and for conducting dental research. Equipment and facilities are constantly updated, setting the pace for new and better methods of educating students and providing care to patients.
- In 1996 the school opened a state-of-the art preclinical simulation laboratory combining the latest in educational technology with a simulated patient experience.
- In 2002 three new state-of-the-art classrooms were completed.
- In 2003 a new Health Science Center was opened on the Stockton campus combining facilities for dentistry, dental hygiene, physical therapy, and speech pathology.
- In 2004 the university renamed the dental school in honor of its long-standing dean, Dr. Arthur A. Dugoni.
- In 2006 President DeRosa appointed Dr. Patrick J. Ferrillo, Jr., dean of the school.
- In 2011 the school was awarded the prestigious Gies Award for Vision by the American Dental Education Association.
- In 2014 the dental campus will move to a completely renovated and updated facility in downtown San Francisco.

The Alumni Association provided a twelve operatory dental clinic which has served as the school's major extended campus in southern Alameda County since 1973. The clinic was completely remodeled in 2002 and currently serves as one of two sites for the school's Advanced Education in General Dentistry residency program. The university also purchased and renovated a building within seven blocks of the school to help meet student needs for reasonably priced housing. The facility houses 126 students in 66 apartments and provides a contemporary dental technical laboratory, a physical fitness center, and study rooms for use by building residents.

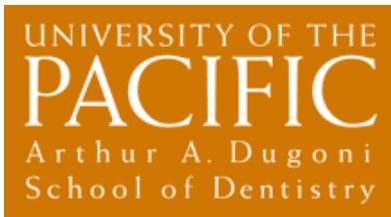
The University of the Pacific is fully accredited by the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges. The dental educational programs are fully accredited by the Commission on Dental Accreditation. The School of Dentistry is a member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

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# School Catalog

## Vision, Mission and Values Statements

### VISION

Leading the improvement of health by advancing oral health.

### MISSION

- Prepare oral healthcare providers for scientifically based practice
- Define new standards for education
- Provide patient-centered care
- Discover and disseminate knowledge
- Actualize individual potential
- Develop and promote policies addressing the needs of society

### CORE VALUES

**These core values characterize the School of Dentistry and define its distinctive identity:**

- Humanism: dignity, integrity, and responsibility
- Innovation: willingness to take calculated risks
- Leadership: modeling, inspiring, and mobilizing
- Reflection: using facts and outcomes for continuous improvement
- Stewardship: responsible use and management of resources
- Collaboration: partnering for the common good
- Philanthropy: investing time, talent and assets

### CLINIC MISSION STATEMENT

The mission of the school's clinics is to provide patient-centered, quality oral healthcare in a humanistic educational environment.

The goal of the clinic mission statement is to focus faculty, staff, and students on the delivery of excellent patient care. In all clinical interactions we will strive to provide excellent care of our patients and excellent educational experiences for our students. At those times when we must make a choice between patient care and teaching effectiveness, patient care will take precedence.

There are three parts to the mission statement. *Patient-centered care* means being prompt, efficient, responsible, engaged, focused, and adaptable, among other things. The private practice model is the patient care model to which we aspire. *Quality oral healthcare* involves providing treatment to our patients that meets community standards of care in all disciplines. It means providing that care to patients of varying needs and expectations. *Humanistic education* is based on honest communication of clear expectations along with positive support for diligent effort.

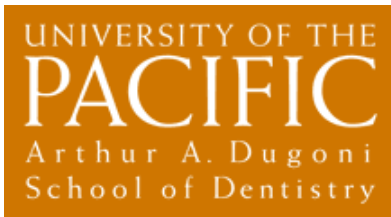
Faculty and staff must be models of the profession's highest standards. Students are expected to set equally high standards for their behavior. The educational environment will be intellectually stimulating, progressive in scope, outcomes-focused, and competency-based.

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# School Catalog

## DDS Curriculum



As suggested by the Helix logo, biomedical, preclinical, and clinical science subjects are integrated and combined with applied behavioral sciences in a program to prepare graduates to provide excellent quality dental care to the public and to enter a changing world that will require them to be critical thinkers and lifelong learners. The thirty-six month curriculum leading to the degree of Doctor of Dental Surgery begins in July and is divided into twelve quarters, each consisting of ten weeks of instruction, one week of examinations, and a vacation period of varying length (between one and four weeks).

During the first quarter, students practice use of dental instruments and materials, working position and posture using direct and indirect vision, and basic dental laboratory procedures, and are introduced to study and test-taking skills and methods of time management that will assist them in succeeding in the professional curriculum. Integrated biomedical science instruction in human anatomy, biochemistry, physiology, pharmacology, and microbiology is offered over the first eight quarters, followed by multidisciplinary presentations of basic science foundations for clinical topics such as the importance of saliva, tissue aging, nutrition, and infection control. Throughout the curriculum, students learn to apply basic science knowledge to clinical problems using the scientific method of inquiry.

Preclinical instruction is concentrated in the first four quarters with students learning to work from a seated position in a modern preclinical simulation laboratory and with a chair-side assistant in conjunction with pediatric dental practice. Clinical work with patients is initiated in the fourth quarter.

The school is a pioneer in competency-based dental education, an approach that replaces the traditional system of clinical requirements with experiences that ensure graduates possess the skills, understanding, and professional values needed for the independent practice of general dentistry. Pacific is also known for its humanistic approach to dental education, stressing the dignity of each individual and his or her value as a person.

The school's comprehensive patient care program is based on the concept of private dental practice where the student assumes responsibility for assigned patients' overall treatment, consultation, and referral for specialty care. Second-year students practice clinical dentistry fifteen hours per week, learning to provide comprehensive dental care under the direction of group practice administrators and multidisciplinary faculty from diagnostic sciences, periodontics, endodontics, orthodontics, removable prosthodontics, and restorative dentistry.

Third-year students practice clinical dentistry approximately thirty-three hours per week and provide care to all patients in his or her patient population. Occasionally other caregivers, a second- or third-year student or resident, complete certain procedures in any treatment plan. This is done through the Group Practice Leader (GPL) and requires the approval of the patient. The student dentist originally assigned to provide care to the patient maintains responsibility for care during all treatment provided by other students or residents.

In the third year, the group practice mentor (GPM) supervises oral diagnosis and treatment planning, emergencies, operative, and fixed prosthodontics,

including test cases. There are three GPMs in each group practice during a clinic session and students work with all three mentors during the course of most appointments. The GPM monitors the progress of care and completes periodic case reviews with the patient and the student. In addition to care supervised by GPMs, the Complex Care Clinic allows students to treat more technically difficult restorative cases under the supervision of a trained prosthodontist with a low student- to-faculty ratio.

The second- and third-year class is divided alphabetically into eight groups. Each group practice is managed by a Group Practice Leader, who has responsibility for the care of patients by all students and faculty in the group practice. The other clinical disciplines are managed by faculty who do not have specific responsibility for a certain group of students. Specialists in endodontics and removable prosthodontics manage all of those cases in specified areas of the clinic, including test cases. Periodontists manage periodontal procedures.

Oral and maxillofacial surgery, implantology, pediatric dentistry, and radiology are learned in respective specialty clinics. Doctoral students participate with faculty and orthodontic residents in adjunctive orthodontic care and in oral development clinics. Third-year students also rotate through the Special Care Clinic to treat special needs patients in the dental clinic and hospital operating room.

Advanced clinical dentistry and evaluation of new developments and topics that involve several disciplines are learned in the third year in conjunction with patient care. Second- and third- year students participate in patient care at a number of extramural sites. These clinics are located in numerous treatment facilities around the Bay Area, and include hospitals, community clinics, and skilled nursing facilities. Pacific currently has affiliations with 15 clinics, a figure expected to grow in the future. At extramural clinic sites, students are taught by Pacific faculty in conditions that more closely resemble private practice. Students typically treat 4-6 patients during the course of a day. Rotations at these sites occur at a number of different times, including weekdays during the academic year, weekends, and vacation periods. Students typically find these experiences to be highly educational, teaching them how to provide excellent patient care in a more condensed time frame.

Behavioral science aspects of ethics, communication, human resource and practice management, and dental jurisprudence are integrated throughout the curriculum. Epidemiology and demography of the older population, basic processes of aging, and dental management of hospitalized patients, geriatric patients, and those with the most common disabling conditions are studied during the third year.

Students are counseled individually with regard to establishing a practice and applying for postgraduate education. A weekend conference devoted to new developments in dentistry serves to acquaint students with opportunities for postgraduate education and with alumni views of the realities of dental practice.

Over the next two years, the main clinic will undergo a number of changes in operations intended to improve student education and patient care:

1. Elimination of student-managed appointments. Staff will gradually assume responsibility for all appointment-making.
2. Expansion of disciplines supervised by GPMs that will eventually include diagnosis, restorative, periodontics, endodontics, removable prosthodontics, oral surgery, and orthodontics (Invisalign).
3. Establishment of a perinatal clinic.
4. Incorporation of practice management curriculum with student practices to improve patient care and efficiency.

## **UNITS OF CREDIT**

One unit of credit is awarded for ten hours of lecture or seminar, twenty hours of laboratory or clinic, or thirty hours of independent study per term. Students are assigned to comprehensive care clinics for approximately 500 hours during the second year and 1,000 hours during the third, in addition to specialty clinic rotations. Units of credit are assigned in the comprehensive care clinical disciplines in proportion to the amount of time students spend providing specific types of care for assigned patterns.

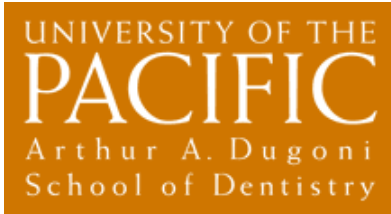
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# School Catalog

## Humanistic Education

It is the goal of the School of Dentistry to educate the highest quality practitioners who can practice independently and successfully in their patients' best interests. It is our belief that a humanistic approach to education best accomplishes this goal. Our view of humanism is based upon honest communication of clear expectations along with positive support for diligent effort. Although kindness is valued, humanism is not interpreted to mean softness, weakness, or superficial niceness. In fact, humanism places great responsibility on each member of the dental school community.

In order for this approach to work, faculty members must be models of the profession's highest standards, and they must teach in a way that encourages and energizes students. Students, in turn, are expected to set very high standards, to work hard, and to take personal responsibility for their own learning process.

### **HUMANISTIC STUDENT-FACULTY INTERACTION**

#### *Includes*

- Good work ethic
- Constructive feedback
- Maintaining confidentiality
- Addressing the issue
- Celebrating achievement
- Excellence
- High ethical standards
- Professional responsibility
- Increasing independence
- Attainment of competency

#### *Excludes*

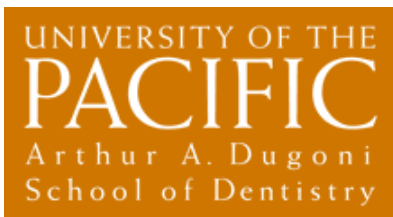
- Minimum effort
- Authoritarian behavior
- Public criticism
- Ignoring the problem
- Dwelling on the negative
- Expedience
- Ethical compromise
- Avoiding responsibility
- Continued dependence
- Tolerance of inability

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# School Catalog

## Competency Statements



Competencies are written statements describing the levels of knowledge, skill, and values expected of graduates. In addition to these competencies expected at graduation, there are other components of the curriculum - foundation knowledge and skills - that are also required of students as part of their educational program. These are normally defined as learning objectives in individual courses.

### **In regard to oral disease detection, diagnosis, and prevention**

1. Establish and maintain patient rapport
2. Perform a complete patient work-up, to include history and physical, laboratory, and radiographic examinations
3. Interpret findings from the complete patient work-up and present them in a standardized format
4. Determine differential, provisional, and definitive diagnoses
5. Determine and consider patient's dental, medical, and personal situations in evaluating the range of dental theories appropriate for that individual
6. Combine diagnostic and prognostic data with a science base and patient's values to form an individualized, comprehensive, sequenced treatment plan
7. Discuss treatment plans with patients and caregivers, including presentation of findings, alternatives, risks and benefits, and obtain informed consent from them
8. Modify ongoing treatment plans based on changed circumstances
9. Make referrals to dental and medical colleagues and, in conjunction with them, manage patients' care
10. Use preventive strategies to help patients maintain and improve their oral health

### **In regard to treatment of dental diseases and abnormalities**

11. Restore single teeth for therapeutic reasons
12. Treat patients who have missing teeth with simple fixed, removable, and implant-supported prostheses
13. Oversee long-term care for patients with dental prostheses
14. Work with commercial laboratory support associated with restorative treatment
15. Fabricate nightguard appliances to protect the dentition

16. Address simple cosmetic concerns
17. Prevent and treat pulpal inflammations using direct and indirect procedures
18. Perform uncomplicated endodontic therapy on permanent teeth
19. Treat plaque-induced gingivitis, mild chronic periodontitis, and other conditions requiring uncomplicated periodontal therapy
20. Recognize and treat or refer moderate to severe chronic periodontitis, aggressive periodontitis, and other conditions requiring complicated periodontal therapy
21. Assess results of periodontal treatment
22. Recognize and refer dental malocclusions and disturbances in the development of dentition
23. Perform simple and surgical tooth and root extractions
24. Treat simple and recognize and refer complex complications related to intraoral surgical procedures
25. Treat simple and refer complex oral bony abnormalities
26. Treat simple and refer complex oral mucosal abnormalities
27. Administer and prescribe medications commonly used in dentistry, including local anesthesia, and manage their complications
28. Recognize and respond to intraoral emergencies
29. Recognize and respond to medical emergencies occurring in the dental office
30. Perform CPR

**In regard to customized treatment of dental diseases and abnormalities**

31. Treat patients with special needs who do not require hospital adjunctive care as part of treatment
32. Recognize oral healthcare needs, refer, and ensure follow-up treatment for patients with complex disabilities and medical conditions
33. Involve caregivers, guardians, and other health and social service professionals in managing the oral health of patients
34. Perform treatment for children in a manner that incorporates consideration of their expected growth and development
35. Counsel patients on lifestyle habits that affect oral health

**In regard to health care delivery and practice management**

36. Function as a patient's primary and comprehensive oral health care provider
37. Prepare and use complete and accurate records
38. Use current infection and hazard control measures in dental practice
39. Practice four-handed dentistry
40. Direct services of dental auxiliaries
41. Develop a philosophy of practice
42. Develop a plan incorporating dental practice management principles
43. Participate in quality assurance systems
44. Practice consistent with sound business principles and legal requirements and regulations
45. Evaluate oral health care delivery and payment systems in terms of their impact on patients, dental practices, and the profession

**In regard to personal development and professionalism**

46. Diagnose and treat only within one's competence
47. Recognize moral weakness, uncertainty, and dilemmas in dental practice and practice in accordance with normative ethical principles
48. Recognize signs of abuse and neglect and take appropriate action
49. Communicate with patients, staff, and others in an empathetic and culturally competent manner
50. Participate in activities designed to improve the health of communities
51. Participate in organized dentistry
52. Assume active responsibility for one's lifelong learning

53. Use information technology for dental practice

54. Evaluate scientific, lay, and trade information and claims about new products and procedures

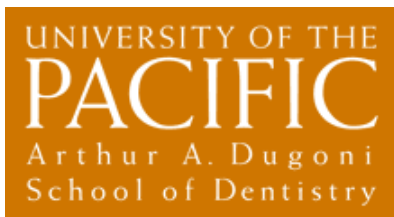
55. Think critically, solve problems, and base dental decisions on evidence and theory

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# School Catalog

## Course Descriptions



Course descriptions are grouped by department. Courses are numbered by year: first-year courses in the 100s, second-year courses in the 200s, and third-year courses in the 300s. Quarters during which a course is offered in the DDS program are indicated in parentheses following course titles. (For the sequence of courses in the IDS program, please see Distribution of Instruction). Units of credit are listed separately for clinical courses offered during second and third years, e.g. EN 259, 359 Clinical Endodontics (5-8; 9-12) (4 units, 8 units).

From the fourth through twelfth quarters, students must enroll in selective instruction each year which serves to extend basic knowledge and skills in a discipline. A listing of selective course offerings is distributed during the winter and spring quarter. Advanced topics and experiences in selected basic, clinical, and behavioral science disciplines are offered (10 to 40 hours per year, 0.1-1.0 units per course). If additional work is needed to reach competency in previously completed courses, supplemental instruction offering additional customized and intensive instruction in targeted didactic, laboratory, and clinical competencies will be offered by the faculty.

### **BIOMEDICAL SCIENCES (BMS)**

#### **Faculty**

Chairperson: Leigh Anderson

Professors: Anderson, Budenz, Chamberlain (emeritus), Cohen, Düzgüneş, Highsmith, Inesi, Konopka (adjunct), Murphy

Associate Professors: Burk, Richards, Tolar

Assistant Professors: Asadi, Dechant, Zeitlin

Instructors: Milnes, Turner

#### **AN 110**

##### **Human Anatomy I: Cells to Systems (1-2)**

The student will gain an understanding of cell biology, functional histology, and gross anatomy of the human body as appropriate for professional health care providers. Emphasis will be on the integration of anatomical knowledge at all levels and its correlation with basic clinical medicine relevant to dentistry (45 hours lecture, 40 hours laboratory, including 15 hours clinical correlations/case discussion, 6 units).

#### **AN 111**

##### **Human Anatomy II: The Orofacial Complex (3)**

The student will gain an understanding of the neuro- and gross anatomy of the head and neck as appropriate for a dental professional. Emphasis will be

on the integration of anatomical knowledge and its correlation with oral medicine and clinical dentistry (30 hours lecture, 40 hours laboratory, including 10 hours clinical correlations/case discussion, 6 units).

#### **AN 112**

##### **Topics in Oral Biology (3)**

The student will gain knowledge of the embryology, histology, physiology, and cell biology related to the development, organization and function of oral tissues. The objectives are for the student (1) to understand the normal development and structure of oral and paraoral tissues in preparation for courses in oral pathology and oral medicine and, as a consequence, (2) to comprehend the biological basis for rational diagnosis and treatment of clinical problems. This course will be topically aligned with lectures and laboratories in Human Anatomy II. (20 hours lecture, 2 units).

#### **BC 114**

##### **Biochemistry (1-2)**

Study of 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 mineralized tissues; and digestion, absorption, and utilization of required nutrients (60 hours lecture, including 10 hours case-based discussion, 6 units).

#### **PG 120**

##### **Physiology (1-3)**

Study of the functioning of the human body, basic methods used to evaluate physiological parameters 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 and demonstrations including 10 hours case-based discussion, 8 units)

#### **PG 220**

##### **Pharmacology and Therapeutics (6-8)**

Rationale of drug use in dental practice, and mechanisms of action of drugs used for the medical management of dental patients; pharmacodynamics and drug kinetics; quantitative pharmacology; drug laws and regulations; prescription writing; emergency drugs, 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, drug interactions, and therapeutic decision making (60 hours lecture, 6 units).

#### **MC 224 Microbiology (4-5)**

The biology of microorganisms that cause disease, including caries, and periodontal and endodontic infections. Microbial structure, metabolism, genetics, and virulence factors; molecular diagnostics and recombinant DNA technology. Pathogenesis, epidemiology, clinical syndromes, laboratory diagnosis, treatment, and prevention of infectious diseases. Innate, humoral and cell-mediated immunity, hypersensitivity and vaccines. Antibacterial, antiviral and antifungal agents. Bacterial infections, including oral manifestations; oral microbiology. Virology, with emphasis on HIV, herpesviruses, and hepatitis viruses; oral manifestations of viral infections. Mycology, with emphasis on oral infections. Parasitology, with emphasis on global public health. Oral microbiology laboratory, including disinfectant and antibiotic susceptibility; the caries risk test and identification of oral bacteria; (57 lecture hours, including independent study hours; 15 laboratory hours; 6 units).

### **DENTAL PRACTICE (DP)**

#### **Faculty**

Chairperson: Cindy Lyon

Vice Chairs: Alan Budenz, Terry Hoover

Professors: Budenz, Carpenter, Chambers, Glassman, Fredekind, Jacobsen, Leider (emeritus), Peltier, Young

Associate Professors: Chavez, Chi, Cox, Cuny, Hanson, Hoover, Itaya, Kagihara, Miller, Said-Al-Naief, Streacker, A. Wong

Assistant Professors: Abzug, Aziz, Andrews, Aziz, Bender, Booth, Braun, J. Brucia, Chann, Chase, English, Farrell, R., Fendler, Fong-Hori, Freckelton, Gallagher, Giusti, Gregory, Harmeson, Hsu, Inouye, Jew, Jue, King, Lake, Lambert, Landy, N. Lee, W. Lee, Masangkay, Mendez, Mikulic, Purcell, Salmon, Saroyan, Sheridan, Sidhu, Silvestri, Subar, Thornton, van Dyk, Vu, A. Wong, L. Wong, Woodson, A. Young

Instructors: Benton, Berk, J. Boyd, Brose, Brown, Campbell, Caturay, J. Chen, M. Chen, Chew, Chiang G., Chiang, R., Chou, Costa, Dejbod, Diaz, Dizon, Egan, D. Farrell, Farzaneh, Fessler, Fiorentino, Fisk, French, Garcia, Gillmore, Hagan, Hemrajani, Ho, Hoang, Hong, Hordiner, Hubenette, Hursh, Jardine, Jewell, Johnson, C. Lee, Lindblom, Lobo, MacVane-Pearson, Mahdavi, Mar, Mock, Montell, Moschref, Moussavi, Nam, Narcisso, Noorian, Ponnala, Pucan, Ramsey, Rothstein, Sadeghi, Sands, Scott, Sheppard, Shiao, Solarz, Soleimani, Terlet, Tiller, Vilderman, Warnock, C. Wong, Zaremski

#### **DP 101**

##### **Integrated Clinical Sciences I: Orientation to the Clinical Practice of General Dentistry (1-3)**

The Orientation to the Clinical Practice of General Dentistry course is delivered during Summer, Autumn and Winter quarters. It is the didactic component of a multi-disciplinary, year-long course designed to prepare students to treat patients in Pacific's Main Dental Clinic and engage in community oral health events and programs. Together, DP 101 and DP 106 focus on Diagnostic Sciences, Behavior Sciences, Periodontology, Prevention and Community Health Care Services and Systems. Case-based simulations are supported by clinical exercises and practical exams. (5 units).

#### **DP 103**

##### **Clinical Cariology (2)**

This course is a comprehensive overview of diagnosis, detection, clinical management, and prevention of the disease of dental caries, including detailed descriptions of the chemical, biological, and mechanical tooth interactions. Protocols for practical application in private practice as well as Pacific's main dental clinic will be discussed. The course uses personal reflection and metacognition to help students learn critical thinking and evidenced-based decision making skills needed to treat dental caries. In the process students learn how to become better life-long learners. (10 hours lecture, 1 unit).

#### **DP 105**

##### **Preclinical Cariology (4)**

This course will focus on the clinical decision process and hands-on skills needed to treat patients using Caries Management By Risk Assessment (CAMBRA). It will require the student to think critically and work in small groups to search out the supporting evidence and present it to the group. The use of the technology and products used at Pacific to manage dental caries disease will be mastered. Caries removal hand skills will be practiced on human extracted teeth. (6 hours lecture, 9 hours lab, 1 unit).

#### **DP 106**

##### **Integrated Clinical Sciences I: Orientation to the Clinical Practice of General Dentistry Practicum (1-4)**

The Orientation to the Clinical Practice of General Dentistry Practicum is a clinically-focused, multi-disciplinary, four-quarter course designed to prepare students to treat patients in Pacific's Main Dental Clinic and in community-based settings. This lab/clinic course is comprised of supervised case-based simulations, workshops, clinical exercises and community sites. The focus is on the development of a comprehensive medical and dental database risk assessment; disease prevention strategies; diagnostic tests; oral pathology; electronic chart management; ergonomics; infection control; basic periodontal instrumentation; professional deportment; cultural sensitivity and communication with patients in the clinic and in community settings. (7 units).

#### **DP 160**

##### **Dental Radiology (2-3)**

Study of radiation physics and biology, image quality, intensifying devices, radiation safety, tomography, radiation and the law, radiographic techniques, film processing, anatomic landmarks, and principles of radiographic interpretations. (2 units).

#### **DP 166**

##### **Dental Radiographic Technique (4)**

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

#### **DP 201/DP 202**

##### **Integrated Clinical Sciences II: Application of Foundational Knowledge (5-7; 8)**

Multidisciplinary presentation of integrated foundational knowledge related to clinical dentistry. Topics include biomedical sciences, ethics, materials, techniques, basic radiographic interpretation, and information specific to each discipline of dental practice. Material is presented in a variety of formats including lecture, small group seminars, simulation exercises, and case-based discussion. This four quarter course emphasizes critical thinking and application of foundational skills to the clinical treatment and management of patients. (10 units; 7 units).

#### **DP 216, 316/317**

##### **Patient Management and Productivity I, II, III (5-8, 9-10, 11-12)**

Development of competency in patient management skills to maximize patient satisfaction. Students learn to use proper verbal and non-verbal communication and listening skills; to respond appropriately to patient and non-patient concerns; to be organized and prepared for tasks and contingencies related to patient care; to complete tasks and treatment in a timely manner; to provide patients with relevant information about prevention of dental disease and treatment options; and to obtain proper informed consent for procedures (4 units; 4 units, 4 units).

#### **DP 218**

##### **Clinical Oral Diagnosis and Treatment Planning (5-8)**

The diagnosis and communication to the patient of the need for dental treatment; recognizing medical, oral, physical, emotional, and economic factors that modify or complicate dental treatment; and development of comprehensive dental treatment plans suitable for patients' needs in accordance with identified modifying and complicating factors (4 units).

#### **DP 219; DP 318/319**

##### **Clinical Management and Judgment I (5-8; 9-10, 11-12)**

Students will learn comprehensive diagnostic 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 will examine and evaluate the patient, identify and list dental problems, complete an appropriate treatment plan and schedule, provide all dentistry required in the disciplines, and recognize need for and refer the patient to specialty areas when such treatment is required (4 units; approximately 700 hours in clinical disciplines listed, 4 units, 4 units).

**DP 266**

**Clinical Radiology (5-8)**

Study of preparation, evaluation, and interpretation of diagnostically acceptable intraoral radiographic and panoramic surveys for comprehensive care and emergency clinic patients (2 units).

**DP 300**

**Practice Management (10-11)**

Study of fundamental concepts and terminology of the art and science of management as a basis for leadership and management decisions in dental practice (40 hours lecture, 4 units).

**DP 301**

**Jurisprudence (10)**

Study of foundations of the law, its primary groupings and modes, and its application to the dentist and dental practice environment. Particular attention will be given to California dental law and employment risk management (10 hours lecture, 1 unit).

**DP 302**

**Clinical Care of Complex Needs Patients (9-11)**

Study of basic disease processes, epidemiology, demographics, treatment planning, principles of providing dental treatment for individuals with a wide variety of conditions including medical and developmental disabilities, problems associated with aging, psychological problems including dental phobia, hospital organization, joining a hospital staff, providing dental treatment and consultation in a hospital, and principles of general anesthesia (20 hours lecture, 20 hours self-study and seminar, 4 units).

**DP 303 (9-11)**

**Integrated Clinical Sciences III: Multidisciplinary Case Based Seminars**

Multidisciplinary case based presentations of integrated material related to the practice of clinical dentistry. This three-quarter course builds on the foundational and clinical knowledge base of each student to evaluate and plan more complex treatment needs (60 hours lecture/seminar, 6 units).

**DP 307**

**Extramural Patient Care (9-12)**

Through a combination of didactic and clinical experiences, this course seeks to prepare the student for practice in community clinical settings where diverse patient populations may be encountered. Upon completion of the course, students will have developed the skills to: perform dental procedures in community-based practice settings, work with diverse patient populations, describe the social context of disease processes, develop social awareness and skills for treating underserved groups, describe dental delivery in a community clinic environment, and develop treatment alternative in clinics with limited resources (90 hours clinical rotations and 4 hours lecture/seminar; 4 units).

**DP 318/319**

**Clinical Management and Judgment II, III (9-10, 11-12)**

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 700 hours in clinical disciplines listed; 4 units, 4 units).

**DP 320**

**Preparation for State Licensure (12)**

Review of requirements and protocol, and practical exercises in preparation for the Western Regional Examining Board and other licensing examinations (10 hours lecture, 26 hours laboratory and clinic; 2 units).

**DP 368**

**Emergency Clinic (9-12)**

The diagnosis and treatment of patients who require immediate attention (90 hours clinical rotation, 3 units).

**PA 230**

**General Pathology (5-6)**



Basic concepts of disease are studied, especially with regard to mechanisms, gross tissue changes, microscopic changes in selected instances, and implications and applications of these concepts to dental practice (40 hours lecture/seminar and 75 hours independent study, 8 units).

**PA 330**

**Oral Pathology (7-9)**

Study of the etiology, pathogenesis, clinical and histopathogenic features, and the treatment and prognosis of oral diseases. Recognition of basic tissue reaction and lesions that occur in the mouth, jaws, and neck; formulation of tentative diagnoses; methods used to secure definitive diagnoses and provide appropriate therapy and management or obtaining consultation for the same (24 hours lecture, programmed instruction equivalent to 30 hours lecture, and six hours clinical rotation, 5 units).

**PA 331**

**Integrated Diagnostic Sciences (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 lecture, 2 units).

**ENDODONTICS (EN)**

**Faculty**

Chairpersons: Alan H. Gluskin, Ove Peters

Professors: Borer (emeritus), Cohen (adjunct), Ferrillo, Gluskin, O. Peters, C. Peters

Associate Professors: D. Brown, R. Brown, Fogel, R. Wong, S. Wong

Assistant Professors: Ballard, Chinta, Dodson, Fathi, Hovden, Koka, LeVine, Morton, Rezai, Scott, Shuster, Simon

**EN 154**

**Basic Endodontics (3)**

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

**EN 159**

**Preclinical Endodontics (4)**

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

**EN 254**

**Endodontics (7)**

Review of endodontic retreatment and surgical therapies; dental trauma and sequelae; complex problem solving; endodontic emergencies; endodontic mishaps; and alternate treatments (10 hours lecture, 1 unit).

**EN 259, 359**

**Clinical Endodontics (5-8, 9-12)**

Study of endodontic diagnosis, treatment planning, and therapy, including management of endodontic emergencies and surgical endodontics in a comprehensive clinical dental practice setting (4 units; 8 units).

**ORAL AND MAXILLOFACIAL SURGERY (OS)**

**Faculty**

Chairperson: A. Thomas Indresano

Professors: Devlin, Indresano, Nattestad

Associate Professors: Ajayi, Bedrossian, Bloom, Breckenridge, Dumas, Farhood, Garibaldi,

Javid, Limchaysheng, Nix, Ratner, Sachs

Assistant Professors: Beckley, Boghossian, Breckenridge, Greenawalt, Hedayati, Khoury, Knoll, Lee, Liao, Lyu, Massoomi, Nakamura, O'Ryan, Park, Poor, Sachs, Sodeifi, Tolstunov, Webb

Director of the Pre-doctoral Program: Nattestad

**OS 139**

**Preclinical Multidisciplinary Surgery (4)**

Study of the principles of mucoperiosteal flap design, biopsy techniques, suturing, use of flaps, bone removal, and tooth sectioning for exodontia; apicoectomy in endodontic surgery and osseous surgery. Soft tissue grafting in periodontics will also be demonstrated (12 hours lecture, 11 hours laboratory, 2 units).

**OS 239, 339****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 learns to assume responsibility for recognizing limitations of their competence and to refer patients who need more complex surgical treatment to a specialist (1 unit, 2 units).

**ORTHODONTICS (OR)****Faculty**

Chairperson: Robert Boyd

Program Director: Hee Soo Oh

Clinical Director: M. Valley

Director of the Pre-doctoral Program: M. Fallah

Director of the Craniofacial Research Instrumentation Laboratory (CRIL): S. Baumrind

Associate Director of the Craniofacial Research Instrumentation Laboratory (CRIL): Hee Soo Oh

Director of the Cleft Lip and Palate Prevention Program: M. Tolarova

Professors: A. Dugoni (emeritus), Baumrind, Boyd, Tolarova

Associate Professors: Aubert, Boero, Dischinger, S. Dugoni, Fallah, Fry, Gast, Gibbs, Griffin, Hatasaka, Kaplan, Lieber, Pitts, Redmond, Ricupito, Righellis, Tolar, Valley

Assistant Professors: Bales, Bongiovanni, Carlson, Carrington, Chen, Ding, Frost, Graham, Irish, Kouvaris, Lee, Mahood, Mashouf, Nabipour, Nichols, Park, Ross, Rouleau, Schmolh, Shimizu, Tinloy, Vogt, Walters, Wu

**OR 144****Human Growth and Development (3)**

Study of the basic mechanisms of human growth and development with emphasis on craniofacial development. Study of the development of the dentition and occlusion and introduction to malocclusion and its classification (10 hours lecture, 1 unit).

**OR 244****Orthodontics (4-5)**

An introduction to orthodontic diagnostic procedures, comprehensive treatment planning, and various treatment modalities as applied to a full range of malocclusions in a general dental practice. A strong emphasis is placed on the use of the Invisalign appliance and its application in general practice. Other orthodontic appliances covered will be the functional appliance as it relates to early orthodontic treatment and the edgewise appliance in full comprehensive cases. Orthognathic surgical cases and use of microimplants for anchorage will also be reviewed (20 hours lecture, 2 units).

**OR 249****Preclinical Orthodontics (8)**

This preclinical course introduces students to various removable and fixed appliances with primary focus on their application for minor orthodontic movement. Laboratory instruction addresses such areas as fabrication of removable and fixed appliances, cementation of bands, bonding of brackets and placement of arch wires. Lateral head films are traced, measured, analyzed, and discussed with regard to norms and growth patterns. The course also introduces students to 3-D computer technology for the manufacturing of the Invisalign system appliance and the use of this appliance in general practice. Emphasis is placed on critical self-evaluation skills (12 hours seminar, 1 unit).

**OR 348****Applied Orthodontics (9-10)**

A study of standard orthodontic records and their application to diagnosis, treatment planning, and treatment evaluation in the mixed and permanent dentitions. Lateral head films are traced, measured, analyzed, and discussed with regard to norms and growth patterns. Facial soft tissue surface mapping using volumetric imaging technology and 3-D imaging software will be introduced. Students will present cases incorporating dental records, study models, cephalometric analysis, photographs, arch length and tooth size discrepancy analysis to explain diagnostic, treatment planning, and treatment procedures (12 hours seminar, 6 hours graduate orthodontic clinic, 1 unit).

**PEDIATRIC DENTISTRY (PD)****Faculty**

Chairperson: A. Jeffrey Wood

Professors: Redig (emeritus), Tocchini (emeritus), Wood

Associate Professors: Sobel, Stuart

Assistant Professors: Bronzini, Chandwani, Connor, Crippen, Do, Halterman, Hodges, Huston, Kwon, Le, Lee, Medoza-Sobel, Meekay, Miller, Moniz, Morris, Neves, Peng, Pung-Yamamoto, Reyes, Sackett, Sahouria, Saini, Schmitt, Solomon, Smith, Trent, Valdez, Vander Kam, Yang

#### **PD 146**

##### **Preclinical Pediatric Dentistry (3)**

This simulation lab-based course introduces first-year IDS students to the technical aspects of preparing and restoring primary teeth (2 hours lecture, approximately 6 hours lab/clinic, 1 unit).

#### **PD 240**

##### **Pediatric Dentistry (5-6)**

The study of the physical and psychological development of the child; understanding and prevention of dental disease in children; differential diagnosis and treatment of dental and periodontal diseases and abnormalities in children; and modern concepts of behavioral guidance in children (20 hours lecture, 2 units).

#### **PD 346**

##### **Dental Auxiliary Utilization (7-10)**

Rationale and system of procedures for sit-down, four-handed dental practice, including ergonomically correct practice and work-related injury prevention. (84 hours clinic in conjunction with Clinical Pediatric Dentistry, 2 units).

#### **PD 347**

##### **Clinical Pediatric Dentistry (7-10)**

Study of the diagnosis, treatment planning, and comprehensive preventive and restorative dental treatment for children (84 hours clinic in conjunction with Dental Auxiliary Utilization, 4 units).

### **PERIODONTICS (PR)**

#### **Faculty**

Chairperson: William P. Lundergan

Professors: Hall (emeritus), Alpagot, Lundergan

Associate Professors: Bruce, Harpenau, Horlak, Nathan, Watson, Zingale

Assistant Professors: Chang, Cheema, Dodge, Harmeson, Huang, Korman, Lacrampe, Laksmana, Lauber, Martinez, Milliken, Muller, Pritsky, Ronderos, Sahebjam-Atabaki, Tognotti, Tsao

Instructors: Azevedo, Dickey, Dornbush, Francisco, Harelson, Jones, Kan, Schreckengost, Storz

#### **PR 150**

##### **Periodontal Diseases (4)**

Introduction to periodontology, clinical and histopathological features, epidemiology, classification of periodontal diseases, pathogenesis, etiologies of periodontal disease, and risk assessment (10 hours lecture, 1 unit).

#### **PR 151**

##### **Periodontics & Periodontal Diseases (1)**

Introduction to periodontology, clinical and histopathological features, classification of periodontal diseases, etiologies of periodontal disease, periodontal examination and diagnosis, occlusal analysis, temporary splinting, initial periodontal therapy, re-evaluation, surgical asepsis, and supportive periodontal therapy (27 hours lecture, 3 hours simulation, 5 hours clinic; 3 units).

#### **PR 156**

##### **Preclinical Periodontics (4)**

Study of techniques for instrument sharpening, root planing, and use of ultrasonic devices. Introduction to temporary splinting, microbiologic sampling, local drug delivery, and occlusal analysis (15 hours laboratory, 1 unit).

#### **PR 250**

##### **Periodontics (5-7)**

Introduction to the methodology of collecting data, utilizing data 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.

Indications/contraindications, techniques, and results achieved with pocket elimination, gingival augmentation, guided tissue regeneration, and dental

implants. In addition, new modalities used in the diagnosis and treatment of periodontal diseases are discussed such as microbiological sampling, and chemotherapeutics (30 hours lecture, 3 units).

**PR 251**

**Periodontics (2-3)**

Basic rationale for periodontal surgery; techniques employed in surgical periodontics including the scientific basis for surgical technique, specific indications/contra-indications, and sequence in healing following gingival surgery, and osseous resection. Indications/contraindications, techniques, and results achieved with pocket elimination, gingival augmentation, guided tissue regeneration, and dental implants (20 hours lecture, 2 units).

**PR 256, 356**

**Clinical Periodontics (5-8, 9-12)**

Study of periodontal examination, diagnosis, treatment planning, nonsurgical therapy, periodontal re-evaluation, periodontal surgery, and supportive periodontal therapy in comprehensive clinical dental practice. (6 units, 4 units).

**INTEGRATED RECONSTRUCTIVE DENTAL SCIENCES (RDS)**

**Faculty**

Chair: Marc J. Geissberger

Vice Chair, Clinical Education: Foroud Hakim

Vice Chair, Preclinical Education, Technology and Research: Parag Kachalia

Director of Communication and Calibration: Shika Gupta

Director of Removable Prosthodontics: Peter Hansen

Director of Implant Dentistry: Steven Sadowsky

Director of Fixed Prosthodontics: Dennis Weir

Director of Operative Dentistry: Pat Roetzer

Director of Research: Karen Schulze

Director of Technology: Bina Surti

Primary DDS Preclinical Course Director: Jessie Vallee

Professors: Christoffersen, Geissberger, Noble, Radke

Associate Professors: Aron, Bunnell, Castagna, Curtis, Eliason, Hansen, Kenyon, LaBarre, Louie, Milani, Miles, Radjaeipour, Sadowsky, E. Santucci, Weir

Assistant Professors: Buchanan, Ellerhorst, Frick, Gardner, Gonzalez, Gupta, Hakim, Hepps, Kachalia, Lieberman, Loo, N. Santucci, Schulze, Shaw, Surti, Tran, Vallee, White

Instructors: Chen, Low

Lab Technician: Matveyeva, Poe

**RDS 170, 176**

**Preclinical Operative Dentistry (1-3)**

Study of the 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, and composite resins. 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. Also includes operative and crown fabrication procedures on primary teeth (60 hours lecture, 6 units; 150 hours laboratory, 7 units).

**RDS 173/175, 174/179, 183/185, 184/189**

**Principles, Complex Issues, Advanced Techniques, and Clinical Applications in Restorative Dentistry (1-4)**

This year-long series of courses is offered in the first year of the International Dental Studies program. It integrates four major disciplines operative dentistry, fixed prosthodontics, dental anatomy, and occlusion in a comprehensive, integrated format with an emphasis on clinical application. In the first quarter students learn about seating position and posture, hand piece manipulation, tooth morphology, carving techniques, and criteria and indications for restoring teeth with amalgam and composite resins. The second course builds on this foundation, introducing students to dento-osseous structure, root canal anatomy, and tooth development and anomalies. Students also study the rationale and criteria for full cast gold crowns and bridges, ceramic restorations, and preparation design. Advanced restorative procedures are introduced and practiced in the third quarter, including bonded amalgams, direct and indirect esthetic posterior restorations, direct composite veneers and porcelain veneers. The capstone course in the fourth quarter combines preclinical study with clinical application. Under faculty supervision students work in the clinic performing operative and fixed procedures on patients (18 units lecture, 21 units lab/clinic).

**RDS 177****Local Anesthesia (4)**

Study of the administration of local anesthetics (17 hours lecture, 8 hours laboratory, 2 units).

**RDS 178****Advanced Restorative Technique (4)**

Advanced esthetic procedures are introduced. These include bonded amalgam, direct and indirect esthetic posterior restorations, and direct composite veneers. Indications and techniques are performed on typodonts in the simulation laboratory (4 hours lecture, 11 hours lab, 1 unit).

**RDS 180, 186****Preclinical Fixed Prosthodontics (2-4)**

The study of the 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; and long term care for patients with fixed restorations (60 hours lecture, 6 units; 180 hours laboratory, 9 units).

**RDS 181, 187****Dental Anatomy (1-3)**

Study of tooth morphology, the relationship of teeth in form and function to each other and surrounding structures, and recognizing and communicating proper nomenclature and ability to identify teeth. Introduction of wax-adding techniques to reproduce coronal portion of individual teeth and function utilizing a case-based format will be a primary focus of this case. Development of hand skills using dies of prepared teeth to form proper contours, contact, and occlusal function. Projects include case-based class and home projects related to clinical dentistry. (30 hours lecture, 3 units; 60 hours laboratory, 3 units).

**RDS 188****Fundamentals of Restorative Dentistry**

The objective of this course is to teach the students the fundamental steps necessary for fabricating a fixed restoration. This encompasses making of alginate impressions and study casts, introduction to articulators, preparation design for metal-ceramic crowns, waxing, casting, finishing and polishing techniques for gold castings, provisional and alternative provisional restorations. The basic skills taught in this class will serve as a strong foundation for future restorative procedures and the RDS 180, 186 Preclinical Fixed Prosthodontics courses. (20 hours lecture, 20 hours laboratory, 3 units).

**RDS 279, 378/379****Clinical Restorative Dentistry I-III (5-8, 9-10, 11-12)**

Study of diagnosis, treatment planning, and intracoronal dental therapy, including preparation for and restoration of teeth with cast gold and porcelain inlays and onlays, composite resins, laminates, and amalgam in comprehensive clinical dental practice. Requirements include practice of operative dentistry procedures under simulated state board examination conditions. These courses also cover the diagnosis, treatment planning, and delivery of fixed prosthodontic treatment that addresses the patient's esthetic dental needs; stabilizes, improves, and protects the patients' gnathostomatic system in a comprehensive clinical dental practice. Students participate in quality assessment at clinical impression stage and at prosthesis delivery. Lab Services coordinates student dental laboratory prescriptions with private outsource laboratories. Test cases determine student competency by evaluating their ability to independently prepare a single tooth crown preparation in a specified time period (6 units; 11 units, 12 units).

**RDS 280****Occlusion (5-6)**

Study of the gnathostomatic system: anatomy, function, and parafunction; relevance of occlusion in all phases of general dentistry; restoring sound occlusion for clinical patients while satisfying their esthetic needs; the identification, diagnosis and treatment plan design of the complex restorative case introduction to diagnosis and treatment of temporomandibular joint dysfunction; completion of clinical examination, diagnostic mounting, and delivery of occlusal splint (20 hours lecture, 60 hours laboratory, 5 units).

**RDS 281****Dental Implants (8)**

The study of modern implant dentistry with emphasis on history, the physiology of osseous integration, treatment planning, implant surgery, fabrication of single and multiple tooth fixed implant restorations and implant-supported removable overdentures, laboratory steps, maintenance and implant problems. Hard and soft tissue augmentation procedures will be studied along with esthetic concerns (10 hours lecture and laboratory, 1 unit).

**RDS 290, 296****Preclinical Removable Prosthodontics: Complete Dentures (6-7)**

The study of the 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's 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; fabricating 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. Also studied are conventional, transitional, and diagnostic immediate dentures; tooth selection and repairing complete dentures; introduction to implant dentures; use of the articulator, dental materials, and technique for construction of over immediate complete dentures; and the posterior palatal seal and its biologic considerations (40 hours lecture, 4 units; 120 hours laboratory, 6 units).

**RDS 291, 297**

**Preclinical Removable Prosthodontics: Removable Partial Dentures (5)**

The study of base design, 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).

**RDS 396**

**Clinical Removable Prosthodontics (9-12)**

The study of diagnosis, treatment planning, and removable prosthodontic treatment that restores masticatory function and phonetics, preserves underlying structures, results in patient comfort, and is esthetically pleasing. Course includes practice for state board removable prosthodontic procedures and simulated examination conditions (11 units).

*July 2012*

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# Distribution of Instruction

## Year 1

		Didactic	Lab/Clinic
		Units	Units
<b>Summer Quarter (1)</b>			
PD	240 Pediatric Dentistry	1	0
PR	151 Periodontics and Periodontal Disease	2	0
RP	291 Preclinical Remov Prosth (partial dent.)	1	0
RS	173 Principles in Rest Dentistry (lecture)	6	0
DP	166 Dental Radiographic Technique	0	1
RP	297 Preclinical Remov Prosth lab (part. dent.)	0	2
RS	175 Principles in Rest Dentistry (lab)	0	6
<b>Quarter Total:</b>		<b>10</b>	<b>9</b>
<b>Autumn Quarter (2)</b>			
DP	103 Clinical Cariology	1	0
EN	154 Endodontics	1	0
PD	240 Pediatric Dentistry	1	0
PG	220 Pharmacology	1	0
PR	251 Periodontics	2	0
RP	290 Preclinical Remov Prosth (complete dent.)	1	0
RS	174 Complex Issues in Restorative Dentistry (lecture)	4	0
DP	107 Orient to Comp Patient Care Clinic	0	2
RP	296 Preclinical Remov Prosth lab (comp. dent.)	0	3
RS	177 Local Anesthesia	0	1
RS	179 Complex Issues in Rest Dentistry (lab)	0	6
<b>Quarter Total:</b>		<b>11</b>	<b>12</b>
<b>Winter Quarter (3)</b>			
EN	254 Endodontics	1	0
OR	144 Human Growth and Development	1	0
PA	330 Oral Pathology	3	0
PG	220 Pharmacology	2	0
PR	251 Periodontics	1	0
RP	290 Preclinical Remov Prosth (complete dent.)	2	0
RS	183 Advanced Tech in Restorative Dentistry(lecture)	5	0
DP	216 Patient Management and Productivity I	0	1
DP	218 Clin Diagnosis & Treatment Planning I	0	1
DP	219 Clinic Management and Judgment	0	1
EN	159 Preclinical Endodontic Technique	0	2
OS	139 Preclinical Multidisciplinary Surgery	0	2
PD	146 Preclinical Pediatric Dentistry	0	1
PR	256 Clinical Periodontics	0	1
PR	256 Clinical Periodontics	0	1
RP	296 Preclinical Remov Prosth lab (comp. dent.)	0	3
RS	185 Advanced Tech and Restorative Dentistry (lab)	0	4
RS	279 Clinical Restorative Dentistry I	0	6
<b>Quarter Total:</b>		<b>15</b>	<b>23</b>
<b>Spring Quarter (4)</b>			
DP	202 Integrated Clin Sci II: App Found Knowl	3	0
OR	244 Orthodontics	1	0
PA	330 Oral Pathology	3	0
PG	220 Pharmacology	3	0
RP	281 Dental Implants	1	0
RS	184 Clinical Applications in Rest Dentistry (lecture)	3	0
DP	216 Patient Management and Productivity I	0	1
DP	218 Clin Diagnosis & Treatment Planning I	0	1
DP	219 Clinic Management and Judgment	0	1
EN	259 Clinical Endodontics	0	1
OR	149 Preclinical Orthodontic Technique	0	1
PR	256 Clinical Periodontics	0	1
RS	189 Clinical Applications in Rest Dentistry (lab)	0	5
RS	279 Clinical Restorative Dentistry I	0	6
<b>Quarter Total:</b>		<b>14</b>	<b>17</b>
<b>First Year Total:</b>		<b>50</b>	<b>61</b>

## Year 2

		Didactic	Lab/Clinic
		Units	Units
<b>Summer Quarter (5)</b>			
DP	302 Clin Care of Complex Needs Patients	1	0
DP	303 Integrated Clin Sci III: Multidisc Case Sem	2	0
OR	244 Orthodontics	1	0
PA	330 Oral Pathology	2	0
DP	266 Clinical Dental Radiology	0	1
DP	307 Extramural Patient Care	0	1
DP	316 Patient Management and Productivity II	0	2
DP	318 Clinical Management and Judgment II	0	2
DP	368 Emergency	0	1
EN	359 Clinical Endodontics	0	2
OR	348 Applied Orthodontics	0	1
OS	339 Clinical OMFS	0	0
PR	356 Clinical Periodontics	0	1
RP	396 Clinical Remov Prosth	0	2
RS	378 Clinical Restorative Dentistry II	0	5
<b>Quarter Total:</b>		<b>6</b>	<b>18</b>
<b>Autumn Quarter (6)</b>			
DP	300 Practice Management	1	0
DP	302 Clin Care of Complex Needs Patients	1	0
DP	303 Integrated Clin Sci III: Multidisc Case Sem	2	0
PA	331 Diff Diagnosis of Oral Disease	2	0
DP	266 Clinical Dental Radiology	0	1
DP	307 Extramural Patient Care	0	1
DP	316 Patient Management and Productivity II	0	2
DP	318 Clinical Management and Judgment II	0	2
DP	368 Emergency	0	1
EN	359 Clinical Endodontics	0	2
OR	348 Applied Orthodontics	0	1
OS	339 Clinical OMFS	0	0
PD	346 Dental Auxiliary Utilization	0	2
PD	347 Clinical Pediatric Dentistry	0	2
PR	356 Clinical Periodontics	0	1
RP	396 Clinical Remov Prosth	0	3
RS	377 Local Anesthesia	0	0
RS	378 Clinical Restorative Dentistry II	0	6
<b>Quarter Total:</b>		<b>6</b>	<b>24</b>
<b>Winter Quarter (7)</b>			
DP	266 Clinical Dental Radiology	0	1
DP	300 Practice Management	2	0
DP	301 Jurisprudence	1	0
DP	302 Clinical Care of Complex Needs Patients	2	0
DP	303 Integrated Clin Sci III: Multidisc Case Sem	2	0
DP	307 Extramural Patient Care	0	1
DP	317 Patient Management and Productivity III	0	2
DP	319 Clinic Management and Judgment III	0	2
DP	368 Emergency	0	1
EN	359 Clinical Endodontics	0	2
OS	339 Clinical OMFS	0	0
PR	356 Clinical Periodontics	0	1
RP	396 Clinical Remov Prosth	0	6
RS	377 Local Anesthesia	0	1
RS	379 Clinical Restorative Dentistry III	0	2
<b>Quarter Total:</b>		<b>7</b>	<b>18</b>
<b>Spring Quarter (8)</b>			
DP	266 Clinical Dental Radiology	0	1
DP	307 Extramural Patient Care	0	1
DP	317 Patient Management and Productivity III	0	2
DP	319 Clinic Management and Judgment III	0	2
DP	368 Emergency	0	0
EN	359 Clinical Endodontics	0	1
OS	339 Clinical OMFS	0	2
PR	356 Clinical Periodontics	0	1
RP	396 Clinical Remov Prosth	0	3
RS	379 Clinical Restorative Dentistry III	0	6
<b>Quarter Total:</b>		<b>0</b>	<b>17</b>
<b>Second Year Total:</b>		<b>19</b>	<b>77</b>
<b>Program Total:</b>		<b>69</b>	<b>138</b>

# Distribution of Instruction

## Year 1

	<u>Didactic</u>	<u>Lab/Clinic</u>
	<u>Units</u>	<u>Units</u>
<b>Summer Quarter (1)</b>		
AN 110 Human Anatomy I	3	0
BC 114 Biochemistry	3	0
DP 101 Integrated Clin Sci I: Orient Clin Practice	2	0
DP 106 ICS I (lab)	0	1
PG 120 Physiology	2	0
RS 170 Preclinical Operative Dentistry	2	0
RS 176 Preclinical Operative Dentistry (lab)	0	3
RS 181 Dental Anatomy	1	0
RS 187 Dental Anatomy (lab)	0	1
RS 188 Fundamentals of Restorative Dentistry	0	3
<b>Quarter Total:</b>	<b>13</b>	<b>8</b>
<b>Autumn Quarter (2)</b>		
AN 110 Human Anatomy I	3	0
BC 114 Biochemistry	3	0
DP 101 ICS I: Orient Clin Practice Gen Dentistry	2	0
DP 103 Clinical Cariology	1	0
DP 106 ICS I (lab)	0	2
DP 160 Radiology	1	0
PG 120 Physiology	3	0
RS 170 Preclinical Operative Dentistry	2	0
RS 176 Preclinical Operative Dentistry (lab)	0	2
RS 180 Preclinical Fixed Prosthodontics	2	0
RS 181 Dental Anatomy	1	0
RS 186 Preclinical Fixed Prosthodontics (lab)	0	3
RS 187 Dental Anatomy (lab)	0	1
<b>Quarter Total:</b>	<b>18</b>	<b>8</b>
<b>Winter Quarter (3)</b>		
AN 111 Human Anatomy II	6	0
AN 112 Topics in Oral Biology	2	0
DP 101 ICS I: Orient Clin Practice Gen Dentistry	1	0
DP 160 Radiology	1	0
DP 106 ICS I (lab)	0	2
EN 154 Endodontics	1	0
OR 144 Human Growth and Development	1	0
PG 120 Physiology	2	0
RS 170 Preclinical Operative Dentistry	2	0
RS 176 Preclinical Operative Dentistry (lab)	0	3
RS 180 Preclinical Fixed Prosthodontics	2	0
RS 181 Dental Anatomy	1	0
RS 186 Preclinical Fixed Prosthodontics (lab)	0	3
RS 187 Dental Anatomy (lab)	0	1
<b>Quarter Total:</b>	<b>19</b>	<b>9</b>
<b>Spring Quarter (4)</b>		
DP 106 ICS I (lab)	0	7
MC 224 Microbiology	2	0
OR 244 Orthodontics	1	0
PR 150 Periodontics	1	0
RS 180 Preclinical Fixed Prosthodontics	1	0
RS 186 Preclinical Fixed Prosthodontics (lab)	0	3
<b>Block Rotations:</b>		
Supplemental & selective instruction	variable	variable
Local Anesthesia	0	2
Dental Radiographic Technique	0	1
Preclinical Endodontics	0	2
Preclinical Multidisciplinary Surgery	0	1
Preclinical Periodontics	0	1
Advanced Restorative Technique	0	1
Preclinical Cariology	0	1
<b>Quarter Total:</b>	<b>5</b>	<b>19</b>

## Year 2

	<u>Didactic</u>	<u>Lab/Clinic</u>
	<u>Units</u>	<u>Units</u>
<b>Summer Quarter (5)</b>		
DP 201 Integrated Clin Sci II: Appl Found Knowl	1	0
MC 224 Microbiology	4	0
OR 244 Orthodontics	1	0
PA 230 General Pathology	6	0
PD 240 Pediatric Dentistry	1	0
PR 250 Periodontics	1	0
RP 291 Preclinical Remov Prosth (partial dent.)	1	0
RS 280 Occlusion	2	0
DP 216 Patient Management and Productivity I	0	1
DP 218 Clin Diagnosis & Treatment Planning I	0	1
DP 219 Clinic Management and Judgment I	0	1
DP 266 Clinical Dental Radiology	0	1
EN 259 Clinical Endodontics	0	1
OS 239 Clinical OMFS	0	0
PR 256 Clinical Periodontics	0	1
RP 297 Preclinical Remov Prosth lab (part. dent.)	0	2
RS 279 Clinical Restorative Dentistry I	0	1
RS 377 Local Anesthesia	0	0
<b>Quarter Total:</b>	<b>17</b>	<b>9</b>
<b>Autumn Quarter (6)</b>		
DP 201 Integrated Clin Sci II: Appl Found Knowl	4	0
PA 230 General Pathology	2	0
PD 240 Pediatric Dentistry	1	0
PG 220 Pharmacology	1	0
PR 250 Periodontics	1	0
RP 290 Preclinical Remov Prosth (complete dent.)	1	0
RS 280 Occlusion	3	0
DP 216 Patient Management and Productivity I	0	1
DP 218 Clin Diagnosis & Treatment Planning I	0	1
DP 219 Clinic Management and Judgment I	0	1
DP 266 Clinical Dental Radiology	0	0
EN 259 Clinical Endodontics	0	1
OS 239 Clinical OMFS	0	0
PD 346 Dental Auxiliary Utilization	0	0
PD 347 Clinical Pediatric Dentistry	0	0
PR 256 Clinical Periodontics	0	1
RP 296 Preclinical Remov Prosth lab (comp. dent.)	0	3
RS 279 Clinical Restorative Dentistry I	0	1
RS 377 Local Anesthesia	0	0
<b>Quarter Total:</b>	<b>13</b>	<b>9</b>
<b>Winter Quarter (7)</b>		
DP 201 Integrated Clin Sci II: Appl Found Knowl	5	0
EN 254 Endodontics	1	0
PA 330 Oral Pathology	1	0
PG 220 Pharmacology	2	0
PR 250 Periodontics	1	0
RP 290 Preclinical Remov Prosth (complete dent.)	2	0
DP 216 Patient Management and Productivity I	0	1
DP 218 Clin Diagnosis & Treatment Planning I	0	1
DP 219 Clinic Management and Judgment I	0	1
DP 266 Clinical Dental Radiology	0	1
EN 259 Clinical Endodontics	0	1
OS 239 Clinical OMFS	0	0
PD 346 Dental Auxiliary Utilization	0	0
PD 347 Clinical Pediatric Dentistry	0	0
PR 256 Clinical Periodontics	0	1
RP 296 Preclinical Remov Prosth lab (comp. dent.)	0	3
RS 279 Clinical Restorative Dentistry I	0	2
RS 377 Local Anesthesia	0	0
<b>Quarter Total:</b>	<b>12</b>	<b>11</b>
<b>First Year Total:</b>	<b>55</b>	<b>44</b>



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**Year 2 (continued)**

	<u>Didactic</u>	<u>Lab/Clinic</u>
	<u>Units</u>	<u>Units</u>
<b>Spring Quarter (8)</b>		
DP 202 Integrated Clin Sci II: Appl Found Knowl	7	0
DP 260 Oral Radiographic Interpretation	1	0
PA 330 Oral Pathology	2	0
PG 220 Pharmacology	3	0
RP 281 Dental Implants	1	0
DP 216 Patient Management and Productivity I	0	1
DP 218 Clinical Diag & Treatment Planning I	0	1
DP 219 Clinical Management and Judgment I	0	1
DP 266 Clinical Dental Radiology	0	0
EN 259 Clinical Endodontics	0	1
OR 249 Preclinical Orthodontics	0	1
OS 239 Clinical OMFS	0	1
PD 346 Dental Auxiliary Utilization	0	0
PD 347 Clinical Pediatric Dentistry	0	0
PR 256 Clinical Periodontics	0	2
RS 279 Clinical Restorative Dentistry I	0	2
RS 377 Local Anesthesia	0	0
<b>Quarter Total:</b>	<b>14</b>	<b>10</b>

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**Second-Year Total:** 56 39

**Year 3****Summer Quarter (9)**

DP 302 Clinical Care of Complex Needs Patients	1	0
DP 303 Integrated Clin Sci III: Multidisc Case Sem	2	0
PA 330 Oral Pathology	2	0
DP 307 Extramural Patient Care	0	1
DP 316 Patient Management and Productivity II	0	2
DP 318 Clinical Management and Judgment II	0	2
DP 368 Emergency	0	1
EN 359 Clinical Endodontics	0	2
OR 348 Applied Orthodontics	0	1
OS 339 Clinical OMFS	0	0
PD 346 Dental Auxiliary Utilization	0	0
PD 347 Clinical Pediatric Dentistry	0	0
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth	0	2
RS 377 Local Anesthesia	0	0
RS 378 Clinical Restorative Dentistry II	0	5
<b>Quarter Total:</b>	<b>5</b>	<b>17</b>

**Autumn Quarter (10)**

DP 300 Practice Management	1	0
DP 302 Clinical Care of Complex Needs Patients	1	0
DP 303 Integrated Clin Sci III: Multidisc Case Sem	2	0
PA 331 Integrated Diagnostic Sciences	2	0
DP 307 Extramural Patient Care	0	1
DP 316 Patient Management and Productivity II	0	2
DP 318 Clinical Management and Judgment II	0	2
DP 368 Emergency	0	1
EN 359 Clinical Endodontics	0	2
OR 348 Applied Orthodontics	0	1
OS 339 Clinical OMFS	0	0
PD 346 Dental Auxiliary Utilization	0	2
PD 347 Clinical Pediatric Dentistry	0	4
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth	0	3
RS 377 Local Anesthesia	0	1
RS 378 Clinical Restorative Dentistry II	0	6
<b>Quarter Total:</b>	<b>6</b>	<b>26</b>

**Year 3 (continued)**

	<u>Didactic</u>	<u>Lab/Clinic</u>
	<u>Units</u>	<u>Units</u>
<b>Winter Quarter (11)</b>		
DP 300 Practice Management	2	0
DP 301 Jurisprudence	1	0
DP 302 Clinical Care of Complex Needs Patients	2	0
DP 303 Integrated Clin Sci III: Multidisc Case Sm	2	0
DP 307 Extramural Patient Care	0	1
DP 317 Patient Management and Productivity III	0	2
DP 319 Clinical Management and Judgment III	0	2
DP 368 Emergency	0	1
EN 359 Clinical Endodontics	0	2
OS 339 Clinical OMFS	0	0
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth	0	6
RS 379 Clinical Restorative Dentistry III	0	2
<b>Quarter Total:</b>	<b>7</b>	<b>17</b>

**Spring Quarter (12)**

DP 307 Extramural Patient Care	0	1
DP 317 Patient Management and Productivity III	0	2
DP 319 Clinical Management and Judgment III	0	2
DP 368 Emergency	0	0
EN 359 Clinical Endodontics	0	1
OS 339 Clinical OMFS	0	2
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth (dentures)	0	3
RS 379 Clinical Restorative Dentistry III	0	6
<b>Quarter Total:</b>	<b>0</b>	<b>18</b>

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**Third Year Total:** 18 78

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**Program Total:** 129 161

## THIRTY-SIX MONTH DOCTORAL PROGRAM OVERVIEW (DDS)

### First Year

#### Quarter 1

#### Quarter 2

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Dental Anatomy	Fundamentals of Restorative Dentistry	Operative Dentistry	Integrated Medical Sciences
9-10	Integrated Clinical Sciences I: Orientation to the Clinical Practice of General Dentistry	Dental Anatomy Laboratory		Operative Dentistry Laboratory	
10-11		Integrated Medical Sciences			
11-12					
12-1					
1-2					
2-3	ICSI: OCP	Integrated Medical Sciences	Integrated Medical Sciences	Operative Dentistry Laboratory	
3-4					
4-5					

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Dental Anatomy	Fixed Prosthodontics	Operative Dentistry	Integrated Medical Sciences
9-10	Integrated Clinical Sciences I: Orientation to the Clinical Practice of General Dentistry	Dental Anatomy Laboratory	Fixed Prosthodontics Laboratory	Operative Dentistry Laboratory	
10-11		Integrated Medical Sciences			
11-12					
12-1		Cariology			
1-2					
2-3	ICSI: OCP	Integrated Medical Sciences	Fixed Prosthodontics Lecture and Laboratory	Operative Dentistry Lecture & Laboratory	Integrated Medical Sciences
3-4					
4-5	Dental Radiology				

### Second Year

#### Quarter 5

#### Quarter 6

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Pediatric Dentistry	** Microbiology		Orthodontics
9-10	Gen Path Self Study (5 Weeks)	Periodontics		Microbiology Laboratory	Occlusion
10-11	General Pathology Lab/Seminar	General Pathology Self Study	Occlusion Laboratory		Removable Prosthodontics (partial dentures) Laboratory
11-12		General Pathology Lab/Seminar			
12-1					
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Removable Prosthodontics (partial dentures) Laboratory
3-4					
4-5					

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Pediatric Dentistry	Integrated Clinical Sciences II	Pharmacology	Removable Prosthodontics (complete dentures)
9-10	General Pathology Self Study	Periodontics		Occlusion	
10-11	General Pathology (5 weeks) ICS II Seminar/Lab (5 weeks)	General Pathology (5 weeks) ICS II Seminar/Lab (5 weeks)	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Occlusion Laboratory	Preclinical Removable Prosthodontics (complete dentures)
11-12					
12-1					
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5					

\*\* Integrated Clinical Sciences II: Applications of Foundational Knowledge meets for a total of 13 hours this quarter.

### Third Year

#### Quarter 9

#### Quarter 10

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour				
9-10	Clinical Care of Complex Needs	Clinical Practice	Clinical Practice	Integrated Clinical Sciences III: Multidisciplinary Case Based Seminars	Clinical Practice
10-11	Oral Pathology				
11-12	Group Practice Meetings				
12-1					
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5					

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Clinical Care of Complex Needs				
9-10	Integrated Diagnostic Sciences	Clinical Practice	Clinical Practice	Integrated Clinical Sciences III: Multidisciplinary Case Based Seminars	Clinical Practice
10-11					
11-12					
12-1	Practice Management				
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5					

Quarter 3

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Dental Anatomy	Fixed Prosthodontics	Operative Dentistry	Integrated Medical Sciences
9-10	Endodontics	Dental Anatomy Laboratory	Fixed Prosthodontics Laboratory	Operative Dentistry Laboratory	
10-11	Integrated Clinical Sciences I: Orientation to the Clinical Practice of General Dentistry				
11-12	Orientation to the Clinical Practice of General Dentistry				
12-1		Human Growth and Development			
1-2					
2-3	ICSI: OCP	Integrated Medical Sciences	Fixed Prosthodontics Laboratory	Operative Dentistry	Integrated Medical Sciences
3-4				Operative Dentistry Laboratory	
4-5	Dental Radiology				

Quarter 4

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour		Fixed Prosthodontics		Orthodontics
9-10	Integrated Clinical Sciences I: Clinical Practice of General Dentistry Advanced Practicum	Block Assignments (Variable, as assigned) Physio Lab, Dental Radiographic Tech, Preclin Endo, Local Anesthesia, Precl. Multi Surgery, Adv Rest Tech, Preclin Perio, Clin Cariology	Fixed Prosthodontics Laboratory	Block Assignments	Block Assignments
10-11					
11-12					
12-1					
1-2					
2-3	Block Assignments (Variable, as assigned)	Microbiology	Fixed Prosthodontics Laboratory	Microbiology	Microbiology
3-4		Block Assignment Lecture Series		Periodontics	
4-5					

Quarter 7

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Endodontics (5 weeks)	Examination Hour	Pharmacology	Integrated Clinical Sciences II	Removable Prosthodontics (complete dentures)
9-10	Periodontics (3 weeks)	Periodontics	Integrated Clinical Sciences II	Pharmacology	
10-11	Oral Pathology Independent Study	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Preclinical Removable Prosthodontics (complete dentures)
11-12					
12-1					
1-2					
2-3					
3-4	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
4-5					

Quarter 8

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Pharmacology	Dental Implants	Pharmacology	
9-10	ICS II		ICS II	ICS II	Radiographic Interpretation
10-11	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Integrated Clinical Sciences II: Application of Foundational Knowledge Seminar/Lab	Oral Pathology Independent Study
11-12					
12-1					
1-2					
2-3					
3-4	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
4-5					

Quarter 11

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour				
9-10	Extramural Patient Care Seminars	Clinical Practice	Clinical Practice	Integrated Clinical Sciences III: Multidisciplinary Case Based Seminars	Clinical Practice
10-11	Jurisprudence				
11-12	Practice Management				
12-1					
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5	Evening Clinic 6-8:30 pm			Evening Clinic 6-8:30 pm	

Quarter 12

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour				
9-10	Preparation for State Licensure	Clinical Practice	Clinical Practice		Clinical Practice
10-11					
11-12					
12-1	Group Practice Meetings				
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5	Evening Clinic 6-8:30 pm			Evening Clinic 6-8:30 pm	

## IDS TWENTY-FOUR MONTH DOCTORAL PROGRAM OVERVIEW

### First Year

#### Quarter 1

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Pediatric Dentistry	Principles of Restorative Dentistry (Lecture and Lab)	Principles of Restorative Dentistry (Lecture and Lab)	Removable Prosthodontics
9-10	Dental Radiographic Technique	Periodontics and Perio Diseases			
10-11		Principles of Restorative Dentistry			
11-12					
12-1					
1-2					
2-3	Seminar	Periodontics and Periodontal Diseases	Principles of Restorative Dentistry (Lecture and Lab)	Principles of Restorative Dentistry (Lecture and Lab)	<b>Preclinical Removable Prosthodontics (partial dentures) Laboratory</b>
3-4					
4-5					

#### Quarter 2

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Pediatric Dentistry	Complex Issues in Restorative Dentistry (Lecture and Lab)	Pharmacology	Removable Prosthodontics (complete dentures)
9-10	Orientation to Comprehensive Patient Care Clinic	Periodontics		Complex Issues in Restorative Dentistry (Lecture and Lab)	Preclinical Removable Prosthodontics (complete dentures) Laboratory
10-11		Complex Issues in Restorative Dentistry (Lecture and Lab)			
11-12					
12-1					
1-2					
2-3	Orientation to Comprehensive Patient Care Clinic	Anesthesia	Complex Issues in Restorative Dentistry (Lecture and Lab)	Complex Issues in Restorative Dentistry (Lecture and Lab)	Preclinical Removable Prosthodontics (complete dentures) Laboratory
3-4					
4-5					

### Second Year

#### Quarter 5

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour				
9-10	Clinical Care of Complex Needs	Clinical Practice	Clinical Practice	Integrated Clinical Sciences III: Multidisciplinary Case Based Seminars	Clinical Practice
10-11	Oral Pathology				
11-12	Group Practice Meetings				
12-1					
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5					

#### Quarter 6

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Clinical Care of Complex Needs				
9-10	Integrated Diagnostic Sciences	Clinical Practice	Clinical Practice	Integrated Clinical Sciences III: Multidisciplinary Case Based Seminars	Clinical Practice
10-11					
11-12					
12-1					
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5					

Quarter 3

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Endodontics (5 weeks)	Examination Hour	Pharmacology	Adv. Issues in Restorative Dentistry	Removable Prosthodontics (complete dentures)
9-10	Periodontics (3 weeks)	Periodontics		Pharmacology	
10-11	Clinical Practice	Advanced Issues in Restorative Dentistry (Lecture and Lab)	Advanced Issues in Restorative Dentistry (Lecture and Lab)	Clinical Practice	Clinical Practice
11-12					
12-1					
1-2					
2-3	Preclinical Endodontics	Human Growth and Development (3 Weeks), Oral Surgery Block (1 week), Perio Surgery Block (1 week)	Advanced Issues in Restorative Dentistry (Lecture and Lab)	Advanced Issues in Restorative Dentistry (Lecture and Lab)	Preclinical Removable Prosthodontics (complete dentures) Laboratory
3-4					
4-5					

Quarter 4

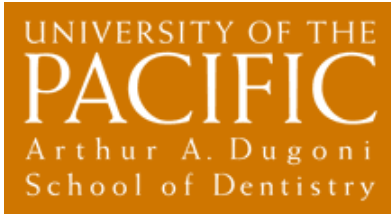
HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour	Pharmacology	Dental Implants	Pharmacology	Orthodontics
9-10	Integrated Clinical Sciences II Seminar		Clin. Applications in Restorative Dentistry	Clin. Applications in Restorative Dentistry	
10-11	Clinical Practice	Clinical Practice	Guided Clinical Practice	Clinical Practice	Oral Pathology Independent Study
11-12					
12-1					
1-2					
2-3	Integrated Clinical Sciences II: Applications of Foundational Knowledge Seminar	Integrated Clinical Sciences II: Applications of Foundational Knowledge Seminar	Guided Clinical Practice	Clin. Applications in Restorative Dentistry	Clinical Practice
3-4					
4-5					

Quarter 7

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour				
9-10	Extramural Patient Care Experiences	Clinical Practice	Clinical Practice	Integrated Clinical Sciences III: Multidisciplinary Case Based Seminars	Clinical Practice
10-11	Jurisprudence				
11-12	Practice Management				
12-1					
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5	Evening Clinic 6-8:30 pm				

Quarter 8

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Examination Hour				
9-10	Preparation for State Licensure	Clinical Practice	Clinical Practice		Clinical Practice
10-11					
11-12					
12-1	Group Practice Meetings				
1-2					
2-3	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice	Clinical Practice
3-4					
4-5	Evening Clinic 6-8:30 pm				



## School Catalog

### DDS Admissions Requirements

#### **DOCTOR OF DENTAL STUDIES REQUIREMENTS**

Details on admissions requirements for all programs offered at the school of dentistry are found here.

#### **Bachelor of Arts in Applied Sciences**

Through a unique program with the university's Stockton campus, students who matriculate at the School of Dentistry without a baccalaureate degree will be reviewed by the university to determine eligibility for the degree of Bachelor of Arts in Applied Sciences. Transcripts will be collected during the early months of the first year of the dental program and forwarded to Stockton for evaluation. Students who meet the requirements for the BAAS will be notified and are eligible to receive the diploma upon successful completion of dental school.

#### **Admission with Advanced Standing**

Only under unusual and compelling circumstances does the School of Dentistry accept transfer students. Incompatibility of dental education programs generally inhibits transition from another dental school to the University of the Pacific's program. Students requesting such classification usually join the first-year class. No student will be admitted to advanced standing beyond the second year. Special action regarding transfer is required.

#### **Financial Aid**

All applicants are considered for admission regardless of their financial circumstances. Financial aid is awarded on the basis of financial need as long as the student is a U.S. citizen or an eligible non-citizen. The financial aid office mails application materials beginning in late January to those who apply for admission.

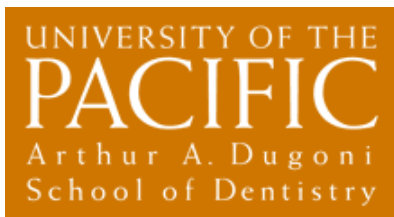
Financial aid staff assists students in managing their financial resources and their indebtedness in school and after graduation. Staff members conduct a needs analysis and provide comprehensive financial guidance for every student applying for financial aid. Students may be awarded aid from federal, state, and institutional sources.

*July 2012*

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415.929.6400

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415.929.6501

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# School Catalog

## General Policies

Students who enroll in the School of Dentistry agree to adhere to the school's policies and procedures and to conform their conduct to the standards of the school and of the law. Students who fail to do so are subject to all sanctions or other appropriate action by the school, up to and including interim or indefinite suspension or final dismissal.

In cases where the school determines in its judgment that a student's continued enrollment at the School of Dentistry would not be prudent, for reasons including but not limited to the student's violation of standards of conduct, inadequate academic performance, and/or a judgment that the student has failed to demonstrate attributes of character which the school believes are necessary to qualify students to practice dentistry, the school may terminate the student's enrollment and/or refuse to award a degree.

### **CODE OF ETHICS AND ADJUDICATION OF ETHICS VIOLATIONS**

All allegations of unethical student behavior are investigated by a senior faculty member (appointed by the Dean) acting as an Initial Reviewer. If there is sufficient evidence to support the allegations and the student agrees to the proposed sanction, the Initial Reviewer recommends the appropriate disciplinary action to the Dean. If the student disagrees with the findings of the Initial Reviewer or the proposed sanction, the allegation will then be forwarded to the Ethics Committee.

The ethics committee conducts hearings on matters related to student behavior and violations of the Code of Ethics. The committee is a joint faculty-administrative committee comprised of a chair selected by the Dental Faculty Council, three elected faculty members, and five elected students, one from each DDS and IDS class. In addition, four elected faculty members and three elected students, one from each class, act as alternates, and may be called to serve during committee review of a complaint that may involve an elected member or when an elected member is unable to be present. Recommendations of the ethics committee are submitted to the dean for action. The decision of the dean can only be appealed through University channels (Office of the Provost). Privileged information related to petitions, petitioners, and all deliberations and recommendations of the committee are 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. Compliance with this law is the student's obligation. University policy, however, 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 on university premises by anyone for money, token in lieu of money, or any other device which in fact constitutes sale, is not permitted. Drunk and disorderly behavior is prohibited. Off-campus use of alcoholic beverages by individuals, groups, or university organizations renders the individual or individuals involved responsible under local and state laws.

### **DRUGS**

Student involvement in the illegal possession, sale, use or distribution on or off university premises of drugs or similar substances designated illegal by state or federal law is prohibited and will result in dismissal from the school.

### **WEAPONS**

The possession, display, or use of firearms of all descriptions, including air-powered weapons, or any instruments that can be construed as dangerous

weapons is not permitted on or immediately adjacent to, School premises and/or in connection with a School activity. California Penal Code 626.9 and 626.10 specifically prohibit the possession of firearms, including pellet and BB guns, on School property, without specific written permission. The brandishing or use of such weapons on School premises shall be considered sufficient cause for immediate suspension pending an investigation and could result in dismissal from the School. Students living in housing must arrange for off-campus storage of firearms intended for hunting or target practice. This applies to those items intended for hunting or target practice; bladed instruments exceeding four inches in length; and bows and martial arts equipment except when related to an approved campus activity. The School reserves the right to confiscate firearms and other weapons found on School property.

### **ACADEMIC STANDARDS FOR HOLDING STUDENT OFFICE**

In order to run for and/or hold an elected or appointed office in the Associated Student Body or to assume a major leadership position in an organization affiliated with and approved by the school, a student must be registered for a full-time course of study, be in good academic and disciplinary standing, and maintain a cumulative Grade Point Average of 2.5 or higher during the entire period of time in which he or she holds office. Failure to meet the academic standards outlined by this policy will result in a one quarter probationary period, during which the student is expected to meet the minimum cumulative GPA standard. Failure to do so by the end of the probationary period will lead to automatic resignation from office.

### **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.

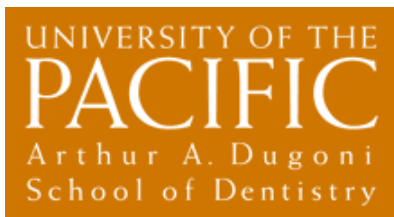
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# School Catalog

## Academic and Administrative Policies

Academic and administrative policies set forth in this section are in force for all students enrolled at the School of Dentistry during the academic year 2012-2013. The right to change academic programs, policies, and standards at any time without prior notice is reserved by the university. It is the student's responsibility to regularly consult this site for changes or modifications.

### **REGISTRATION**

Registration at the School of Dentistry includes payment of tuition and fees, enrollment in courses, 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.

In order to receive credit for coursework taken during a particular term, every student must be properly registered during that term. Barring a written notice of withdrawal or a dismissal from the school, registration is assumed for all students. Entering students register on matriculation day.

### **RECORDS & TRANSCRIPTS**

An academic record (transcript) for each student is maintained in the Office of Academic Affairs. This official record is used in the conduct of the student's personal and academic affairs and is considered both private and confidential. In accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA), 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 students are protected. Students are notified annually of their rights under FERPA by publication of this catalog. The full policy is available in the section of this catalog entitled "Policies in Compliance with the Law."

Upon written request by the student, an official transcript is issued to whomever is designated, provided all financial obligations to the university have been met. The official transcript shows all work completed to date, and is divided into four program years. 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. Students can access their unofficial transcript any time through InsidePacific, the university portal.

### **ATTENDANCE**

Students at the School of Dentistry assume professional obligations which include regular and consistent attendance at academic activities. The ability to do so is an essential qualification of all students. 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. For students assigned to the clinics of the School of Dentistry, or other clinics associated with the school, attendance is mandatory.

At the request of a student, his or her course directors will be notified of absences due to illness, or other personal or family necessities beyond the control of the student. The student is required to contact the Office of Academic Affairs promptly in case of absence so that proper and timely notification can be given to course directors.

Absences must be phoned in daily. An absence is normally recognized as excused when a student contacts the Office of Academic Affairs before 9:00 a.m. on the day of an illness or accident, or when other proper written notification has been received and approved. Permission for other absences must be obtained in advance and in writing from both the director or associate deans for academic affairs and the associate dean for clinical services.

A student who is absent from school without permission ("unexcused absence") five or more times in a single quarter, or who otherwise significantly fails to satisfy attendance requirements, may be dismissed. If a student is absent for three or more consecutive days, documentation from a health care provider is required.

## **EXEMPTION FROM COURSES**

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), or credit (CR) signifying completion of the required course.

## **ACADEMIC PROGRESS**

The Office of Academic Affairs reviews student overall academic performance each quarter prior to the release of report cards. 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 in the same manner as a final grade with respect to promotion.

## **GRADES**

Grades represent passing 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 and must be remediated. Conditions on such grades must be specified when grades are submitted and may include additional instruction or evaluation before advancement to clinical practice or eligibility for board examinations. Course directors are required to provide a grade for every enrolled student at the end of each quarter of instruction. They must also notify the Office of Academic Affairs in writing of conditions that apply to D grades; conditions and assignments for removing incompletes; and suggested alternatives for overcoming failing performance, if any exist.

## **CREDIT (CR)**

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 satisfactory completion of an ungraded course where reliable differentiation among passing grades is not possible.

## **INC (INCOMPLETE)**

An incomplete grade (INC) 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. The course director 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 a permanent 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. The dental school does not award "+" or "-" modification of grades.

## **CHANGE OF GRADES**

Final passing grades (A, B, C, D, CR) are not subject to change on the basis of second examination or additional work completed after grades are submitted. 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 or repeat of the course is not obligatory but rather at the discretion of the course director or the Student Academic Performance and Promotion Committee. Upon reexamination, D is the highest grade that can be reported; on repeat of the course, the new final grade will be reported. When a final grade is awarded to substitute for INC or for the failing grade of F, this will be indicated on the student transcript by an appropriate symbol denoting the change.

## **ACADEMIC GOOD STANDING**

Academic good standing requires a grade point average (GPA) of at least 2.0 for all didactic courses attempted and for all laboratory and clinic courses attempted, and no permanent D or F grades.

## **ACADEMIC PROBATION**

Academic probation is accorded to a student upon receipt of a GPA below 2.0 for all didactic courses attempted OR a GPA below 2.0 for all laboratory and clinic courses attempted OR both; OR to a student with a permanent D or F grade. Normally, the standard for academic good standing must be met within three months of being placed on academic probation. In circumstances where this time constraint cannot be met, e.g. for laboratory and clinic grades at the beginning of the second year, or when a course is being repeated to remove an F grade, a reasonable time period will be specified.

## **I. Phase One Academic Probation: Intervention**

A. Didactic and/or lab/clinic GPA below 2.0 if the student was in good academic standing the previous quarter. (New students are assumed to be in good standing upon matriculation unless otherwise stipulated by the Office of Student Services.)

B. Repeating students are placed on intervention at the beginning of their repeat year.

C. Examples of interventions include:

- meetings with advisor
- assignment of tutors
- inventory of outside activities, living conditions
- diagnostic testing for suspected health, psychological, language or learning problems
- in-course remediation
- evaluation by health care professional to determine fitness for student activities
- alternative career counseling

## **II. Phase Two Academic Probation: Contract**

A. Didactic and/or lab/clinic GPA below 2.0 if the student was on Phase I probation the previous quarter, or

B. Any permanent D or F grade.

C. Examples of contract conditions include:

- required weekly meetings with faculty member, Group Practice Administrator, or advisor
- restrictions on outside activities, living conditions
- required professional assistance with diagnosed health, psychological, or learning problems
- tutors
- assignment to scheduled supplemental courses
- regular meetings with therapist

D. No student on contract is eligible to take National Dental Board Examinations without approval from the promotions committee.

## **ACADEMIC DISQUALIFICATION**

Academic disqualification may be recommended to the dean by the Student Academic Performance and Promotions Committee for a student who has failed to meet any of the conditions of phase two probation (contract). When a student's academic record meets published criteria for academic disqualification, the committee will provide an opportunity for the student to appear before it to ensure that all pertinent information is available before the committee makes its recommendation to the dean. This is the only opportunity for the student to present relevant information to the committee; if a student fails to provide all pertinent information at this opportunity, the student risks exclusion of information from the committee's deliberations. A student appearing before the committee has the option to: (i) select a faculty advisor; (ii) request and receive assistance from that faculty advisor with preparation of a statement to the committee; and (iii) request the faculty advisor attend the committee meeting with the student as a silent observer. A student may, at their discretion, take advantage of all or none of these opportunities. During the committee meeting, the student is advised to read aloud their prepared statement, but is discouraged from circulating copies or presenting evidence of academic performance.

If, in the judgment of the committee and after consideration of the relevant information available to it, the student has the capacity and commitment to overcome his or her documented deficiencies and reach an acceptable level of patient care, the committee may recommend (i) continuation on academic contract; (ii) extension of the program; or (iii) reenrollment in a subsequent class. The committee may also recommend reenrollment only through the normal admissions process, after a careful review of the relevant information and as appropriate to the student's potential.

## **PROMOTION**

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

## **COMMITTEES**

*Student Academic Performance and Promotions Committee*

Functions: The Student Academic Performance and Promotions Committee evaluates records of student academic performance and progress; recommends to the dean appropriate candidates for promotion, dismissal, repeat or other action, and students who should receive awards for academic excellence and consideration for honors; and works with the curriculum committee in planning, developing, and recommending methods by which

students' performance may best be evaluated. These committees ensure enforcement of academic standards as described in this catalog.

Membership includes: the associate deans for academic affairs and clinical services, the assistant dean for academic affairs, all Group Practice Leaders, and all clinical department chairpersons. Should a clinical department chair be unable to attend the meeting, a single co- or vice-chair is invited.

#### *Academic Advisory Committee*

Functions: The Academic Advisory Committee reviews records of students who are on phase one academic probation to recommend intervention, and reviews records of students on phase two academic probation to draw up contracts. It also reviews the records of students who have failed their contracts and makes recommendations to the Student Academic Performance and Promotion Committee.

Membership includes: the associate and assistant deans for academic affairs, two Group Practice Leaders, one representative each of the biomedical science courses and preclinical technique courses, and a student.

#### *Student Appeals Committee*

Functions: The Student Appeals Committee reviews and makes recommendations on student-initiated appeals for reconsideration of faculty action with regard to grading or evaluation. In academic matters related to promotion and dismissal, the Student Appeals Committee's inquiry will be limited to review of compliance with the due process components of this policy and will not constitute an attempt to substitute its judgment for the academic judgment of faculty or of the administration.

Membership includes: four elected faculty members and three elected students, one each from the two senior classes and the junior class.

### **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 a grade will be determined. If a student repeats a course, the grade earned at the time of repeat is recorded. In the absence of a written agreement of exemption filed in the Office of Academic Affairs, students are responsible for meeting all requirements of specified courses and will be graded according to standards in place for the repeated course.

### **WITHDRAWAL**

A student who wishes to withdraw from school must file a written request in the Office of Academic Affairs. A student's request for withdrawal is accepted only upon completion of the customary check-out process. The student's academic standing at the completion of the check-out process will be recorded on the permanent record (transcript). The record of a student who withdraws without first requesting permission will record a dismissal. A student who has met the published criteria for disqualification may not elect to voluntarily withdraw until the dean has rendered a final decision regarding promotion or academic standing.

### **LEAVE OF ABSENCE**

Student or resident requests for a leave of absence are filed with the dean, who will designate the appropriate administrator to respond to the request. To request a leave of absence, the student or resident must be in good academic standing and must submit a written request, which identifies persuasive reasons warranting the leave, together with documentation supporting the request. The dean will notify the student or resident in writing of the decision and, if approved, will stipulate the length of the leave and conditions for re-enrollment. The student or resident assumes the responsibility of keeping the dean informed of the intent to re-enroll by the specified date. Students or residents with federally-guaranteed student loans whose leave of absence exceeds 180 days will be reported as withdrawn on the 181<sup>st</sup> day and federal loans will enter repayment. A student or resident who does not re-enroll by the specified date will be considered to have withdrawn from the school. The decision whether to deny, grant, or set conditions for a request for leave of absence shall be in the sole discretion of the dean. Leaves of absence from the dental school's three-year curriculum are rarely granted.

### **GRADUATION**

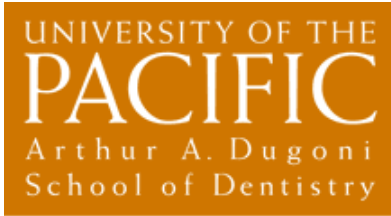
In addition to all other requirements to earn graduation, the candidate for graduation must demonstrate competence to discharge the duties required of a practitioner of dentistry. In addition to the skills, understanding, and values expected of a beginning general dentist, this is interpreted to mean 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, academic good standing, passage of Part II of the National Board Dental Examination, and conformance with policies of the School of Dentistry. If, in the opinion of the Student Academic Performance and Promotion Committee, the candidate for the Doctor of Dental Surgery degree has met all requirements, it is authorized to recommend to the dean the graduation and conferral of the degree. It may also recommend delay in the individual's graduation date with conditions necessary to bring the student to a competent level.

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# School Catalog

## Standing Committees

In keeping with university philosophy, the School of Dentistry incorporates the expertise and perspective 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 as "faculty," "administrative," or "joint faculty-administrative" committees. Standing committees are listed 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.

- Academic Advisory Committee
- Admissions Committee, DDS
- Admissions Committee, IDS
- Curriculum Committee
- Dental Faculty Council
- Faculty Appointment, Promotion, and Tenure Committee
- Research Committee
- Student Academic Performance and Promotions Committee
- Advisors Committee

### **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.

- Education and Information Technology Advisory Committee
- Ethics Committee
- Clinical Quality Assurance Committee
- Student Appeals Committee

### **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.

- A. W. Ward Museum Committee
- Institutional Animal Care and Use in Research Committee
- Infection Control Committee
- Joint Pacific/CPMC Library Committee

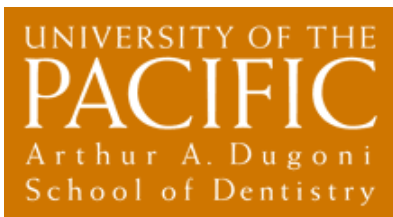
- Managers and Directors Committee
- Outcomes Review Committee
- Committee on Continuing Dental Education
- Store Committee
- Student Clinic Advisory Committee
- Student Financial Aid Committee

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# School Catalog

## Services

Numerous resources are available to assist students and residents in areas related to the academic program.

### **BUSINESS**

The business office of the School of Dentistry is directed by the assistant dean of fiscal services.

### **STUDENT SERVICES**

Under direction of the associate dean of student services, this office is responsible for recruiting and advising potential students, coordinating admissions and pre-dental programs, managing admissions committee activities and directives, and providing consultation and assistance in nonacademic areas including student financial aid, health and health insurance, housing, and on-campus social and fraternal group activities.

### **STUDENT STORE**

The student store stocks equipment, books, and supplies for the educational program. It is the main campus resource for students, faculty, staff, alumni, and guests. The store also provides e-books, print-on-demand and binding services. Merchandise and Apple products are available from the store's website, [www.dentalstudents.com](http://www.dentalstudents.com).

### **FINANCIAL AID**

Financial aid is available only to U.S. citizens, permanent residents, and eligible non-citizens. Loans and grant funds are available from private, state, and federal sources. The financial aid office assists students in managing their financial resources and their indebtedness. It also conducts needs analyses and provides comprehensive financial guidance for every student applying for financial aid. Eligibility for most available financial aid funds is based on demonstrated financial need. An applicant must be approved for admissions before financial aid can be awarded.

Complete information about the types of financial aid available and the application process can be obtained from our website at [www.dental.pacific.edu](http://www.dental.pacific.edu) or from the financial aid office located in the Office of Student Services.

### **HOUSING**

The school is located in the Pacific Heights neighborhood of San Francisco and maintains multiple living units in the city's historic Presidio. Units in the Presidio consist of two-, three- and four-bedroom unfurnished apartments. The facility, located on the West side of the Presidio directly across Baker Beach, is approximately three miles from the dental school. All apartments have hardwood floors, refrigerator, stove, dishwasher and washer/dryer hook-ups. Each unit is assigned one covered parking space.

Rental eligibility for Presidio housing facilities is reserved for dental students registered and actively participating in an educational program at the school. Vacancies are filled each year by lottery from a list of applicants who have been accepted for admission to the school; however selection and continuation of rental eligibility is subject to the complete discretion of the school. Rent is due and payable by the first 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, Arthur A. Dugoni School of Dentistry and the California Pacific Medical Center is located diagonally across from the school. The library's collection includes over 10,500 book titles, over 135 electronic books, about 210 clinical videos, and access to over 3,000 online journal titles. The library has a comprehensive collection of print journals and books in all areas of dentistry, the basic and clinical sciences, and medicine. There is access to important online resources including Ovid, PubMed, Cochrane, and Dental & Oral Science Source via the library website at [www.cpmc.org/hslibrary](http://www.cpmc.org/hslibrary). Built in 1912, the 20,510 square-foot library facility incorporates modern designs, furnishings, and technology while retaining the original architectural features. The library provides computers, photocopiers, scanner, audiovisual equipment, group study rooms, and individual study carrels. Wireless access is available throughout the building. The reading room houses current journals, reference book and casual reading materials.

The library is supported by the dental school's Ernest G. Sloman Memorial Library Fund.

### **FIRST-YEAR RETREAT AND COUNSELING**

First-year students participate in a mandatory retreat shortly after matriculation. Through discussions with upper class students, faculty, advisors, and administrators around a theme relevant to the profession, new students are acquainted with the various aspects and demands of the dental educational program and with ongoing student activities.

Many faculty members 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 the transition from undergraduate to professional education. Students may choose an advisor or are assigned one at the beginning of their first year. Second- and third-year students have access to their assigned group practice clinic leader as well as course directors and other faculty members.

Academic counseling is provided by advisors as well as course directors, faculty members, and the associate and assistant deans for academic affairs. Referral to professional health care counseling is available; however the school cannot warrant the services of external health care providers. (Students should become familiar with the procedures of such counselors before engaging the services.) Services of a psychologist trained in student stress and study skills problems are available to students on an on-call and drop-in 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. Students and their spouses/children who request and are accepted for dental care pay at a reduced rate established by clinic administration.

### **DEVELOPMENT**

Throughout the building there are plaques, badges, and Walls of Honor recognizing the strong philanthropic support enjoyed by the school. The dental school's generous alumni, friends, foundations, corporations, and organization donors have helped to build our clinics and classrooms, provide scholarships, fund faculty positions, provide dental care to patients, and support numerous projects that help keep the dental school strong. Most prominent of our recognition walls is located on the third floor, celebrating the conclusion of a seven-year capital campaign that raised a record-breaking \$65.7 million, 131% of the campaign's original \$50 million goal.

### **MARKETING & COMMUNICATION**

The Office of Marketing & Communication directs communications and marketing programs to increase the visibility of the dental school and to enhance its identity to various constituents. The marketing & communication team promotes not only the dental school, but also the school's students, faculty, staff, alumni, and clinics, through effective media relations, Web communications, event planning, publication development, and marketing strategies.

### **CONTINUING DENTAL EDUCATION**

The Division of Continuing Dental Education provides dynamic and multidisciplinary continuing education programs for members of the dental profession. Program formats include didactic, laboratory workshops and hands-on clinical sessions with live-patient treatment, or any combination thereof. Programs range from half-day to multiple sessions. CDE offers more than 90 courses each year that are presented by many of the profession's outstanding leaders and educators. Annual attendance at clinical and lecture presentations exceeds 4,000 dentists and dental auxiliaries. Courses are offered at the dental school as well as at select locations throughout California and the United States.

Pacific dental students, faculty and staff receive discounted rates to attend continuing dental education courses offered by the division. Tuition charges are minimal for students and faculty depending on the program. Recent Pacific graduates are entitled to enroll in two complimentary, open enrollment lecture courses. Pacific dues-paying alumni members receive a 10% discount on most CDE programs offered by the division.

For more information, visit our website at [www.dental.pacific.edu/ce1](http://www.dental.pacific.edu/ce1) or contact Continuing Dental Education at (415) 929-6486 or [cedental@pacific.edu](mailto:cedental@pacific.edu).

## **LICENSURE IN CALIFORNIA**

All states require successful completion of the National Board Dental Examination to be eligible for licensure. National Dental Board Examinations are given in two parts: Part I covers basic sciences and Part II covers dental sciences. Successful completion of Part I is required before Part II may be taken. Passage of Part II is a condition of graduation from the School of Dentistry.

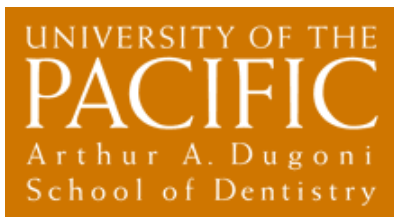
To practice in California graduates must successfully complete one of the following options: (1) pass the Western Regional Examining Board licensure examination (WREB), or (2) complete a 12-month post-doctoral program approved by the Commission on Dental Accreditation. The program can be either a GPR (General Practice Residency) or AEGD (Advanced Education in General Dentistry). The WREB is given at various sites throughout the year. Pacific Dugoni graduates have the opportunity to take the WREB at the school just prior to graduation and with the approval of the dean.

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## School Catalog

### Emeritus Faculty

Those individuals designated professor emeritus have served the university for more than ten years as tenured associate or full professors, and retired at age 65 or older. Others who served the university with a distinction for five or more years have been granted the title Emeritus on the recommendation of the University's Executive Policy Committee. Years of service are indicated in parentheses.

**Edward P. Boero, DDS**

*Professor Emeritus of Prosthetic Dentistry (1935 - 1968)*

**Ronald F. Borer, DDS**

*Professor Emeritus of Endodontics (1971 -2000)*

**Edwin P. Brown, DDS**

*Professor Emeritus of Endodontics (1955 -1956; 1965 - 1987)*

**Delmar W. Byerly, DDS**

*Professor Emeritus of Removable Prosthodontics (1968 - 1986)*

**Jack G. Chamberlain, PhD**

*Professor Emeritus of Anatomy (1972 - 1993)*

**Fletcher M. Craig, DDS**

*Professor Emeritus of Operative Dentistry (1964 - 1991)*

**Arthur E. Dibble, DDS**

*Professor Emeritus of Fixed Prosthodontics (1973 -1989)*

**Benjamin E. Dooley, DDS**

*Professor Emeritus of Operative Dentistry (1980 -1996)*

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*Dean Emeritus (1978-2006)*

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## Faculty & Research

### Faculty

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DDS, University of the Pacific School of Dentistry, General Dentistry, 1980

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Prophetstown High School, Diploma, 1999

BS, Brigham Young University, Exercise Science, 2006

Temple University, Oral and Maxillofacial Surgery Residency Program, 2009

DMD, Southern Illinois University School of Dental Medicine, Dentistry, 2010

University of Utah Hospital, Dentistry, 2011

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BDS, University of Lagos College of Medicine and Dentistry, 1975

BSc, University of Toronto, 1981

University of Toronto, Oral and Maxillofacial Surgery, Resident,  
1981

Henry Ford Hospital, Oral & Maxillofacial Surgery, Senior  
Resident, 1983

Henry Ford Hospital, Oral and Maxillofacial Surgery, Chief  
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Hacettepe University, Ankara, Turkey, Dentistry, 1981

DDS, Ege University, Izmir, Turkey, Dentistry, 1983

PhD, Hacettepe University, Ankara, Turkey, Periodontics, 1986

PhD, University of Minnesota, Oral Biology, 1995

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BS, University of the Pacific, Biology, 2003

DDS, University of the Pacific, Dentistry, 2006

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BS, University of Minnesota, 1971

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BS, University of the Pacific/Marquette University, Dental



Hygiene, 1975

MA, University of the Pacific, Education, 1979

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San Jose City College, 1982

B.A., San Jose State University, Biology, 1984

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California State University, Chico, Pre-Dental Hygiene, 1982

BS, Loma Linda University, Dental Hygiene, 1984

Masters, Touro University International, Health Science with an  
emphasis in Health Education, 2007

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DDS, Loyola University, Chicago School of Dentistry, Dentistry,  
1983

Northwestern University, Graduate Medical Education- Dentistry,  
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USC/LA County Hospital, Los Angeles, CA, Dentistry, 2008

University of Tennessee, Knoxville, TN, Dentistry, 2009

University of Oklahoma, Dentistry, 2009

DDS, UOP Arthur A. Dugoni School of Dentistry, Dentistry, 2010

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DDS, University of Michigan, 1975

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Economics, 1993

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U. Oregon Dental School, Certificate in Orthodontics, 1966

MS, Oregon Health Sciences University, Cell Biology, 1968

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BA, Universite de Grenoble, Grenoble France, French Literature,  
1988

DDS, University of the Pacific School of Dentistry, Dentistry, 1999

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BS, University of San Francisco, Biology, 1981

DDS, University of the Pacific, 1986

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Howard University, 1984

DDS, Meharry Medical College-School of Dentistry, 1988

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DDS, University of the Pacific Arthur A. Dugoni School of  
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Experience, Resident, 2002

University of the Pacific School of Dentistry, Advanced Education  
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Indiana University, Biology, 1966

DDS, Temple University, Dentistry, 1970

University of Pennsylvania, Periodontics, 1972

University of Pennsylvania, Orthodontics, 1974

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University of Minnesota, 1973

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University of Redlands, 1970

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Lansing Community College, Nursing Assistant Certificate, 2004

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Armed Forces Institute of Pathology, Oral Pathology

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Advanced Officers Course, 1970

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AB, Harvard University, Experimental psychology, 1965

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DDS, University of California, San Francisco, Dentistry, 2005

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University of Michigan, Geriatric Dentistry Fellowship  
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BSc, Lahore College for Women, Lahore, Pakistan,  
PreMed/Dental, 1970

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MSc, Institute of Dental Surgery, Eastman Dental Hospital,  
London, UK, Periodontology, 1986

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BA, University of the Pacific, Biology, 1985

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The Pankey Institute, Advanced Dental Education, Key Biscayne,  
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MA, University of the Pacific, Educational and counseling  
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Postdoc, University of Pennsylvania, Solid-state Physics, 1972

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BS, Louisiana State University, Zoology, 1985

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MBA, University of Pittsburgh, Business, 2004

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University of California, Berkeley Extension, Environmental  
Hazardous Management, 1995

BA, St. Mary's College, Management, 1998

MS, St. Mary's College, Health Service Administration, 2001

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Sacramento City College, Associates of Science Degree in Biology,  
2005

Loma Linda University, Bachelors of Science in Dental Hygiene,  
2007

Eastern Washington University, Masters of Science in Dental  
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BS, UCLA, Molecular, Cellular, Development Bio, 2004

DDS, USC, Dentistry, 2008

DDS, Albert Einstein / Montefiore, Pediatric Dentistry, 2010

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BS, Northern Arizona University, Dental Hygiene, 1976

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MSDH, Idaho State University, Master's Degree in Dental Hygiene Education, 2010

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Illinois Central College, Prehygiene, 1975

BS, University of Southern California, Dental Hygiene, 1979

University of the Pacific, RDHAP, 2004

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BS, Arizona State University, Microbiology, 2006

University of the Pacific, School of Dentistry, SF, Invisalign  
Certificate, 2008

DDS, University of the Pacific School of Dentistry, Dentistry,  
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University of San Francisco, 1943

BS, Gonzaga University, 1944

University Missouri, School of Dentistry, Dental, 1946

DDS, College of Physicians & Surgeons (UOP), Dental, 1948

Bureau of Medicine and Surgery Internship, Dental, 1949

MSD, University of Washington, Orthodontics Certificate, 1963

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BS, Middle East Technical University, Ankara Turkey, Physics,  
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PhD, State University of New York at Buffalo, Biophysical  
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University of California, San Francisco, Membrane Biophysics,  
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University of California Santa Cruz, Biology, 1992

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BS, University of California , Berkeley, Nutrition, 1967

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BS, University of the Notre Dame, IN, Science, 2003

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PGY1 General Practice Residency VA/UCI Medical Center, Long Beach, Certificate, 2007

PGY2 General Practice Residency VA/UCLA Medical Center, LA, Certificate, 2008

University of Illinois at Chicago, Oral Surgery Internship, Certificate, 2010

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*Associate Professor of Orthodontics*

BSD, University of London, UK, Dental Surgery, 1969

University of Pittsburgh, Certificate - Clinical Intership, 1974

University of Pittsburgh, Certificate - Orthodontics, 1976

MSD, University of Pittsburgh, Dental Science, 1976

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DDS, University of Southern California, Dentistry, 1970

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DDS, University of the Pacific , 1974

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DDS, Baylor College of Dentistry, Dallas, TX, Dentistry, 1976

Veteran's Hospital, Dallas, TX, Dentistry, 1978

Baylor College, Dallas, TX, Advanced Education Program in Endodontics, 1978



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Pacific University, Clinical Doctorate Program

BS, Marquette University, Physical Therapy, 1978

PT, Marquette University, 1978

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Harvard University / Forsyth Dental Center, Certificate in  
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San Joaquin Delta College, Spanish, Sciences, 1985

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Education, 2007

University of the Pacific, Speech Language Pathology, 2008

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BS, Southern Illinois University, Carbondale, Education, 1973

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Georgetown, Graduate Biology, 1974

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UCLA, Prosthodontics Certificate, 1981

**G**

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1994

Trinity College Dublin Dental School, Postgraduate diploma;  
Clinical Dentistry, 2004

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Washington State University, Zoology, 1961

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DDS, University of the Pacific School of Dentistry, Dentistry, 1979

Highland General Hospital, General Practice Residency, 1980

Highland General Hospital, Oral and Maxillofacial Surgery, 1985

MA, University of the Pacific, Gladys L. Benerd School of Education, Educational and Counseling Psychology, 1994

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BS, St. Mary's College of California, Bachelors of Science in Biology, 1988

DDS, Doctor of Dental Surgery, University of the Pacific, Dentistry, 1991

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Residency, 1975

MA, University of the Pacific, Educational and Counseling  
Psychology, 1994

MBA, University of the Pacific, Business, 1999



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BS, University of California, Biology, 2002

DDS, Columbia University, Doctor of Dental Surgery, 2006

University of California, Certificate in Prosthodontics, 2009

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New York University, Prosthodontics Certificate of Completion,  
1998

Private Zahn Klinik Schloss Schellestein with Prof. Fouad Khoury,  
Olsberg, Germany, Bone augmentation Procedures & soft tissue  
mngmt, 2008

Pikos Implant Institute, Advanced Bone Grafting Procedures I &  
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San Francisco State College, 1950

Monterey Peninsula College, 1955

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San Diego State University, 1958

DDS, University of California, San Francisco, 1962

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**H**

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BS, Golden Gate University, Health Services Management, 1990

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MBA, University of the Pacific, 1999

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LA, Classic Lyceum, 1948

MD, Modena University, Italy, 1954

PhD, University of Bologna, Italy, 1960

University of Pennsylvania, Pharmacology, 1962

University of Pennsylvania, Presbyterian Hospital, 1963

University of California Cardiovascular Research Institute, 1965

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*Associate Professor of Dental Practice*

BS, University of Southern California, Biological Science, 1973

DDS, University of the Pacific, 1976

MSD, University of Washington, Orthodontics, 1983

University of California, San Francisco, Medical Anthropology,  
1999

University of California, Berkeley, Medical Anthropology, 1999

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*Instructor of Oral and Maxillofacial Surgery*

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*Associate Professor of Dental Practice*

BS, Cal Poly State University, Computer Science, 1987

DDS, University of the Pacific, 1998

University of the Pacific, AEGD, 2000

University of the Pacific Bernard School of Education, Pursuing  
Ed.D. in Prof Edu and Leadership, 2007

**J**

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*Associate Professor of Oral and Maxillofacial Surgery*

Hilsea College, England, 1951

BDS, Sutherland Dental School, Durham University, Newcastle,  
England, 1956

Newcastle-on-Tyne Infirmary, England, Junior House Officer,  
1957

King's College Dental School, 1957

Eastman Dental Center, University of Rochester, Rochester, New York USA, Clinical Fellow, 1958

Dental Department, The Genessee Hospital, Rochester, New York USA, 1958

DMD, School of Dental Medicine, Tufts University, 1960

Hospital of the University of Pennsylvania, Graduate School of Medicine, Pennsylvania, PA USA, Oral Surgery Residency Program, 1966

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*Assistant Professor of Dental Practice*

BA, Golden Gate University, 1981

DDS, Northwestern University, 1982

MS, University of New Haven, Human Nutrition, 2002

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BS, University of Maryland, Science in Neurobiology and Physiology, 2006

DDS, University of Maryland Dental School, DDS, 2010

University of the Pacific AEGD, Certificate, 2011

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BA, Brigham Young University

Brigham Young University, German, 1982

AA, Chabot College, Dental Hygiene, 1985

AA, University of the Pacific, Dental Hygiene, 2004

**K**

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BS, University of California, Davis, Physiology, 1998

Minor, University of California at Davis, Managerial Economics,  
1998

DDS, University of the Pacific, Dentistry, 2001

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*Instructor of Periodontics*

Santa Rosa Junior College, A.S and A.A Degree, 2002

BS, San Francisco State University, Biology/Physiology, 2004

BS, University of the Pacific, Dental Hygiene, 2006

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AB, University of California, Berkeley, Bacteriology, 1976

MA, San Francisco State University, Cell Biology, 1980

DDS, University of California, San Francisco, Dentistry, 1982

PhD, University of California, San Francisco, Experimental, 1984

University of California, San Francisco, Post-doctoral fellow Bone Biochemistry, 1986

University of California, San Francisco, Post-doctoral fellow Pathology, 1986

University of California, San Francisco, Certificate in Periodontics, 1991

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BA, San Francisco State University, Health Sciences, 1981

DDS, University of the Pacific, Arthur A. Dugoni School of Dentistry, 1984

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*Instructor of Oral and Maxillofacial Surgery*

None, Des Moines Area Community College, General Education Classes, 2003

None, Iowa State University, Aerospace Engineering, 2004

None, University of Iowa, Biomedical Engineering, 2006

DDS, University of Iowa, Dentistry, 2010

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BA, Brown University, Human Biology, 1979

DMD, Tufts University, Dentistry, 1982

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BS, Santa Clara University, Biology, 1999

DMD, University of Pittsburgh, Dental Medicine, 2005

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AA, College of the Sequoias, Liberal Arts, 1967

San Francisco State University, French, 1969

CA Cred., St. Mary's College, Secondary Education, 1971

BA, UC Berkeley, French/ CA Elementary Education, 1973

MA, University of the Pacific, Stockton CA, Educational Administration and Leadership, 2008

Ed.D, University of the Pacific, Stockton, Ca, Educational Administration and Leadership, 2009

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BS, University of California, Davis, Physiology, 2001

DDS, University of the Pacific, School of Dentistry, General Dentistry, 2004

University of the Pacific, School of Dentistry, AEGD Dentistry, 2005

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BS,

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BS, University of California Riverside, Biology, 1993

MS, Loma Linda University School of Dentistry, Doctorate Dental Surgery, 2001

University of Alabama Birmingham, OMS Certificate Internship, 2002

University of Alabama Birmingham, Medical Doctorate, 2004

Certificat, University of Alabama Birmingham, Internship General Surgery, 2005

Certificat, University of Alabama Birmingham, Oral & Maxillofacial Surgery, 2007

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BA, University of San Francisco, Biology, 1996

DDS, University of the Pacific School of Dentistry, 1999

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BDS, London Hospital Medical College, England, 1990

DDS, Loma Linda University, 1993

MS, University of Nebraska, 1998

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BA, University of Southern California, History, 1966

DDS, University of Southern California, DDS, 1970

MS, Loyola University, Oral Biology, 1972



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BS, University of Colorado, BS Biology, 2005

DDS, University of San Francisco School of Dentistry, DDS, 2009

Harvard School of Dental Medicine/Childrens Hospital Boston,  
Pediatric Dentistry, 2011

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BA, Harvard University, 1973

DMD, Tufts University, 1977

MS, University of North Carolina, 1981

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BA, University of Pennsylvania College of Arts and Sciences,  
Psychology, 2003

DMD, Tufts University School of Dental Medicine, Doctor of  
Dental Medicine, 2008

MS, University of Southern California School of Graduate Studies,  
Masters of Science in Craniofacial Biology, 2011

University of Southern California School of Dentistry, Cert of  
Completion in Advanced Periodontology, 2011

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BA, San Fernando Valley State College, Biology, 1970

DDS, University of Southern California, 1975

Boston University, Periodontics Certificate, 1979

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BA, UOP Stockton, Stockton California, 1984

DDS, UOP School of Dentistry, 1987

Certificat, UOP Highland General Hospital, 1997

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BS, University of Pittsburgh, Neuroscience, 1993

DDS, State University of New York, Buffalo, Dentistry, 1998

Cert, San Francisco VA Hospital, GPR Dentistry, 1999

Fllwshp, San Francisco VA Hospital, Prosthodontics, 2000

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BS, University of Illinois, Urbana, Philosophy, 1958

DDS, University of Illinois, Chicago, Dentistry, 1962

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BA, University of California, Berkeley, Molecular & Cell Biology  
Emphasis in Neurobiology, 1999

BA, University of California, Berkeley, Music, 1999

DDS, University of California, Los Angeles, Degree Expected,  
2004

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BA, UC Santa Barbara, Biological Sciences, 1982

DDS, UCLA, Dentistry, 1986

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BS, University of the East (Philippines), 1979

DMD, University of the Philippines College of Dentistry, 1983

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BS, University of California, San Diego, Molecular Biology, 1996

DDS, University of the Pacific, 2001

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DDS, Universidad Nacional Coltenoma de Nicaragua, 1975

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BA, University of California, Berkeley, Microbiology, 1985

DDS, University of the Pacific, Dentistry, 1988

MA, University of the Pacific, Education, 1994

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University of California, Berkeley, 1974

DDS, University of the Pacific School of Dentistry, Dentistry, 1977

UCSF, Implantology Study Group - (One Year Program), 1984

UCSF Postgraduate Temporomandibular Joint Disorder Program,  
1989

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BA, DePauw University, Greencastle, Indiana, Economics, 1964

DDS, Loyola Dental School, Chicago, Illinois, Dentistry, 1968

CER, Marion County General Hospital, Indianapolis, IN, General  
Anesthesia, 1971

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AA, College of the Sequoias, Mathematics, 1970

BS, University of California, Irvine, Biology, 1973

University of California, San Francisco, Pharmacy, 1978



DDS, University of the Pacific, Dentistry, 1981

University of Connecticut, Certificate of Proficiency in  
Periodontics, 1983

MA, University of the Pacific, Education, 1994

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BS, University of Southern California, Dental Hygiene, 1978

DDS, University of the Pacific, General Dentistry, 1986

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BS, University of California at Los Angeles, Physiology and  
Neuroscience, 2000

DDS, University of the Pacific, Arthur A. Dugoni School of

Dentistry, Dentist, 2004

Naval Dental Center Southwest, Advanced Education IN General  
Dentistry, 2005

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BS, University of Louisville, Biology, 2000

DMD, University of Kentucky College of Dentistry, Dentistry,  
2004

University of Kentucky College of Dentistry, Oral and  
Maxillofacial Surgery, 2005

University of the Pacific Arthur A. Dugoni School of Dentistry,  
Advanced General Dentistry, 2007

MSD, University of the Pacific Arthur A. Dugoni School of  
Dentistry, Orthodontics, 2010

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BS, University of California, Davis, Biological Sciences, 1985

DDS, University of the Pacific School of Dentistry, General  
Dentistry, 1988

MA, University of the Pacific, Educational Psychology, 1993

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University of New Mexico, Chemical Engineering, 1967

U. S. Navy, Technician's Prosthetics School, 1972

BS, University of New Mexico, 1974

DDS, University of Southern California, 1978

National Naval Dental Center, Periodontics Certificate, 1983

SCU, School of Law, Santa Clara California, 1995

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BA, Letran College, Manilla Philippines, 1961

DMD, University of the East, School of Dentistry, 1965

Dental Intern, Veterans Memorial Hospital, Manilla Philippines,  
Oral Surgery, 1968

DDS, University of the Pacific, 1989

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Birgham Young University, Zoology, 2003

University of the Pacific, Dentistry, 2006

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BA, Temple University, Philadelphia, PA, Psychology, Cum Laude,  
1987

DMD, University of Pennsylvania, School of Dental Medicine,  
Philadelphia, PA, Dentistry, 1991

UCSF, AEGD, Resident (Certificate), 1994

UCSF, AEGD, Chief Resident, 1995

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DDS, Escuela Nacional de Estudios Profesionales, Dental Degree,  
1981

Universidad Latinoamericana, School of Dentistry, Mexico City,  
Pediatric Dentistry, 1990

Universidad Latinoamericana, School of Dentistry, Mexico City,  
Orthodontics, 1992

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BA, University of Arizona, Psychology, 1971

DDS, University of Southern California, 1975

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DDS, University of the Pacific, 1982

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BA, University of California, Santa Barbara, CA, Biochemistry,  
1976

DDS, University of California, San Francisco, CA, 1980

University of Washington, Summer Institute in Clinical Dental  
Research Metho, 2006

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BS, RDH, University of Oregon Health Sciences Center, 1975

MHS, University of San Francisco, 1987

MA, University of the Pacific , Education, 1994

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BS, California Lutheran University, Biology, 1997

MS, University of the Pacific, Biology, 2000

DDS, University of the Pacific School of Dentistry, General Dentistry, 2003

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BS, University of Santa Barbara, Pharmacology, 2006



DDS, University of the Pacific, Dentistry, 2009

Children's Hospital of Wisconsin, Pediatric Dentistry, 2011

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BS, Harvey Mudd College, 1993

DDS, University of the Pacific, 1996

University of Southern California, Certificate of Specialization,  
1998

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BS, University of California San Diego, Biochemistry and Cell  
Biology, 2004

DDS, University of the Pacific Arthur A. Dugoni School of  
Dentistry, Doctor of Dental Surgery, 2008

MS, University of Florida, Masters of Science in Dental Science,  
2010

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BS, Brooklyn College, Chemistry, 1962

PhD, Yale University, Biochemistry, 1967

University of California, San Francisco, Biophysical Chemistry,  
1970

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BS, San Francisco State University, Molec. Biology, 1992

DDS, University of the Pacific Arthur A. Dugoni School of  
Dentistry, Dental, 2003

MSD, University of the Pacific Arthur A. Dugoni School of  
Dentistry, Orthodontics, 2005

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University of California, Berkeley, Biology/Art, 1991

DDS, University of the Pacific, Dentistry, 1994

Palo Alto Veterans Administration Hospital, Hospital Dentistry,  
1995

MBA, University of the Pacific, Business, 1999

University of the Pacific, Education and Leadership, 2009

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BS, University of California, Davis, Genetics, 1996

DDS, University of the Pacific, 1999

AEGD, University of the Pacific, School of Dentistry, 2000

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BS, Tufts College, Biology / Psychology, 1971

DMD, Tufts Dental, Dentistry, 1975

Denver Hospital, Denver, CO, General Practice, 1976

UCSF Dental School, Periodontology Certificate, 1978

MS, UCSF Dental School, Oral Biology, 1979

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*Professor of Oral and Maxillofacial Surgery*

DDS, University of Copenhagen, Dentistry, 1986

Masters, Kobenhavns Unviversitet, Health Sciences, 1986

PhD, Dental School, University of Copenhagen, Dentistry, 1991

PhD, Royal Dental College, Dentistry, 1992

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*Instructor of Restorative Dentistry*

BS, University of the Pacific, Biology, 2006

DDS, University of the Pacific Arthur A. Dugoni School of  
Dentistry, Dentistry (general), 2010

LAC + USC Medical Center, Hospital Dentistry / GPR, 2011

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AA, Glendale Community College, 1960

BA, Los Angeles State College, 1962

DDS, University of the Pacific, 1967

American Dental Association, 1980

MA, University of the Pacific, 1994

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University of California, Berkeley, Biology, 1961

DDS, University of California, San Francisco, Dentistry, 1965

MS, University of Southern California, Education, 1968

MS, University of Michigan, Ann Arbor, Restorative Dentistry,  
1970

**O**

**HeeSoo Oh**

*Associate Professor of Orthodontics*

DDS, Chonnam National University School of Dentistry, Korea,  
Dentistry, 1989

Chonnam National University Hospital, Korea, Pediatric  
Dentistry, 1992

MS, Chonnam National University, School of Dentistry, Korea,  
Pediatric Dentistry, 1992

PhD, Chonnam National University, School of Dentistry, Korea,  
Growth & Development, 1999

University of the Pacific, School of Dentistry, Graduate Residency  
Program - AEGD, 2001

MSD, University of the Pacific, Arthur A. Dugoni, School of  
Dentistry, Orthodontics, 2005

**P**

**Alex Pagonis**

*Instructor of Restorative Dentistry*

BS, University of Arizona, Business Management, 2001

University of the Pacific at Stockton, Science requirements for  
dental school, 2003

DDS, Pacific School of Dentistry, 2006

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*Instructor of Restorative Dentistry*

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BS, University of California, San Diego, La Jolla, CA, General  
Biology, 2000

DDS, University of California School of Dentistry, Los Angeles,  
CA, Doctor of Dental Surgery, 2005

MD, Loma Linda University School of Medicine, Doctor of  
Medicine, 2008

Loma Linda University Medical Center, General Surgery  
Internship - Certificate, 2009



Loma Linda University, OMFS Residency Certificate, 2011

**Joorok Park**

*Assistant Professor of Orthodontics*

BA, University of California, Berkeley, Molecular and Cell Biology,  
2001

DMD, University of Pennsylvania, School of Dental Medicine,  
Dental Medicine, 2006

MSD, University of the Pacific, Arthur A. Dugoni School of  
Dentistry, Certificate, Orthodontics, 2008

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*Professor of Dental Practice*

BS, USMA, West Point, Engineering, 1970

Med, Wayne State University, West Berlin, Psychology, 1974

PhD, Wayne State University, Detroit, Counseling, 1979

University of Southern California, Clinical Psychology, 1980

MBA, University of the Pacific, Business, 1999

**Robert C. K. Peng**

*Assistant Professor of Pediatric Dentistry*

Santo Domingo Dominican Republic, 1983

BA, Duke University, 1986

DDS, University of California, Los Angeles, School of Dentistry,  
1995

University of California, Los Angeles, School of Dentistry,  
Pediatric Dental Residency, 1998

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*Assistant Professor of Endodontics*

DDS, Ruprecht-Carls - University, Heidleberg, General Dentistry,  
1992

University of Zurich, Switzerland, Postgraduate in Education  
Endodontology, 2001

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University of Kiel Dental School, Germany, Dentistry, 1990

PhD, University of Kiel, Physiology, Dr med dent., 1992

University of Zurich Dental School Switzerland, Endodontics,  
2001

PhD, University of Zurich Dental School Switzerland, Oper.  
Dentistry/ Endodontics, 2001

MS, UCSF, Oral Biology, 2003

UCSF, Endodontics, 2006

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BA, High School Gh. Lazar, Romania, 1972

DMD, The Institute of Medicine and Pharmacy Bucharest,  
Romania, 1978

The Institute of Medicine and Pharmacy Bucharest, Romania,  
1981

The Leadership Institute in Bucharest, Romania,  
Leadership, Education, and Polics, 1990

The Institute of Medicine and Pharmacy in Bucharest, Romania,  
Stomatologie, 1991

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DDS, U. San Marin De Porres Lima, Detistry, 1998

University of Alabama at Birmingham, Graduate prosthodontist  
Program, 2005

MS, University of Alabama at Birmingham, Dental Science, 2005

University of Alabama Birmingham, Maxillofacial Prosthetics,  
2006

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DMD, Boston University SDM, Dental, 2005

CAGS, ENDO, Boston Univeristy SDM, Endodontics, 2009

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DDS, University of the Pacific, Dentistry, 2009

Interfaith Medical Center, Pediatric Dentistry / Board Eligible,  
2011

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BSD, San Jose State University, Microbiology/Med. Tech., 1981

AA, Foothill College, Business Admin., 1983

AA, Foothill College, Dental Hygiene, 1983

DDS, University of the Pacific, 1989

University of the Pacific, Advisory Clinic Residency, 1990

University of Medicine and Dentistry, New Jersey, Oral Surgery,  
1991

MBA, University of the Pacific, Business Administration, 1999

**R**

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San Jose State University, Pre-Dental, 1989

DDS, University of the Pacific, 1992

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University of Washington, 1953

DDS, University of Washington, 1957

University of Southern California, Certificate in Fixed  
Prosthodontics, 1962

William Beaumont Army Medical Center, Certificate in Fixed  
Prosthodontics, 1965

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Flinders University, Australia, Education Abroad Program, 1989

BS, University of California, Davis, Psychology, 1991

Vanderbilt University, Doctor of Medicine, 1996

DDS, University of the Pacific, Doctorate of Dental Surgery, 2000

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BA, University of California, Davis, Economics, 1987

DDS, Columbia University School of Dental & Oral Surgery,  
Dentistry, 1999

Manhattan VA Medical Center, 2000

Manhattan VA Medical Center/New York University,  
Endodontics, 2002

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A.A., Chabot College, 1977

B.A., University of California at Berkeley, Anthropology, 1980

M.A., University of California at Berkeley, Anthropology, 1984

PhD, University of California at Berkeley, Anthropology, 2007

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AB, Stanford University, Biological Sciences, 1954

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MSD, Columbia University, Orthodontics, 1961

**S**

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AB, Dartmouth College, 1955

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Bronx Municipal Hospital, Intern and Resident in Oral Surgery,  
1962

MS, New York University College of Dentistry, Oral Surgery, 1963

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MS, Shahid Beheshti University, Periodontics, 1987

Ferdowsi University, Biology, 2008

DDS, Ferdowsi University, Doctor of Dental Surgery, 2008

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BS, University of the Pacific, Biological Sciences, 2001

DDS, University of the Pacific Arthur A. Dugoni School of  
Dentistry, 2004

University of the Pacific, Advanced Education - General Dentistry,  
2005

MS, University of Texas Health Sciences Center - Houston,  
Pediatric Dentistry, 2007

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BS, Harvey Mudd College, Biology, 1993

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BS, Kings College, 1964

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U.S. Navy Dental Internship, Certificate of Completion, 1969

Foundation for Advanced Continuing Education, Certificate of Completion, 1977

MA, University of the Pacific, 1994

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BS, Marquette University

DDS, University of the Pacific, 1991

University of the Pacific, AEGD, 1992

MA, University of the Pacific, 1994

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Max-Klinger School, Leipzig, Germany (Extended secondary school), Abitur (baccalaureate), 1986

DDS, University of Leipzig, Germany, Dentistry, 1992

PhD, University of Leipzig, Germany, Oral Surgery, 1998

University of Florida Gainesville, Assist Prof at the Dept. of "Dental Biomaterials", 1999

UC San Francisco, Post-Doc in Dental Materials, 2002

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San Jose University, Biological Science, 1966

DDS, Northwestern University, Dentistry, 1970

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San Joaquin Delta College, 1968

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San Jose State, Secondary Teaching Credential, 1973

DDS, University of the Pacific, 1979



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DDS, University of the Pacific, 1997

MSD, University of the Pacific, Orthodontics, 2009

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Cert, University of California, San Francisco, GPR, 1983

Cert, University of California, San Francisco, Prosthodontics,  
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BA, Washington University St. Louis, Biology and History, 1995

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DDS, University of the Pacific, Dental, 2008

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Ohio State University, Oral and Maxillofacial Surgery, 2008

University of Tennessee, Memphis, Oral and Maxillofacial Surgery, 2008

DDS, University of Michigan, Dentistry, 2009

Hennepin County Medical Center, General Practice Residency, 2010

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BA, University of California, Comparative Literature, 2000

DMD, Harvard School of Dental Medicine, Dentistry, 2005

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BDS, Manipal Academy of Higher Education (India), Dentistry,  
2001

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BS, University of San Francisco, Biology/Psychology, 1972

DDS, University of the Pacific, General Dentistry, 1975

Certificat, University Hospital School, The University of Iowa,  
Dental Course for patients with disabilities., 1979

MPA, College of Notre Dame, Health Services Administration,  
1999

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*Assistant Professor of Restorative Dentistry*

Madison Area Tech College, AAS, Dental Hygiene, 1975

University of Houston, Pre-Dental, 1981

DDS, University of Texas Science Center, Dental Branch at  
Houston, TX, Dentistry, 1985

Mt. Zion Hospital, General Practice Residency, 1986

**Eric Smith**

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*Professor of Removable Prosthodontics*

Tulane University, 1943

DDS, Loyola University of the South, 1946

U.S. Naval Dental School, 1952

U.S. Naval Dental Clinic, Pearl Harbor, HI, Advanced Training  
Residency in Prosthodontics, 1954

**Marlene Storz**

*Instructor of Periodontics*

BS, University of the Pacific, Dental Hygiene, 2006

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*Associate Professor of Dental Practice*

BS, San Diego State University, San Diego, CA, Zoology, 1976

DDS, University of the Pacific, School of Dentistry, San Francisco, CA, Dentistry, 1979

**Robert Stuart**

*Associate Professor of Pediatric Dentistry*

AB, Columbia College, 1951

DDS, New York University, 1955

Columbia University College of Physicians, Surgeons, Pediatrics, 1959

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BA, UC Santa Cruz, Biochemistry and Molecular Biology, 1989

DDS, University of California, Los Angeles School of Dentistry,  
1993

UCLA Center for Health Sciences, General Practice Residency,  
Department of Hospital, 1994

Veterans Administration Medical Center, Hospital Dental Service,  
1995

Edd, University of the Pacific Benard School of Education,  
Educational Leadership and Administration, 2009

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BS, Wayne State University, Biology, 1991

DDS, University of Detroit Mercy, Dentistry, 1995

AEGD, Case Western Reserve University, AEGD, 1996

Case Western Reserve University, Fellowship, 1997

## **T**

### **David T. Thornton**

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BS, University of the California, Berkeley, Nutrition/Dietetics,  
1980

DDS, University of the Pacific School of Dentistry, 1986

Martinez Valley Hospital, 1988

### **Michael T. Tiller**

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BS, University of Oregon, 1995

DDS, University of the Pacific, Dentistry, 1999

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University of San Francisco, 1955

DDS, College of Physicians & Surgeons (UOP), 1959

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MD, Charles University School of Medicine, 1965

PhD, Czechoslovak Academy of Sciences & Charles University  
School of Medicine, Postgraduate Program in Physiology, 1970

University of California in San Francisco, Postgraduate course in  
biostatistics & biomodeling, 1993

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*Professor of Orthodontics*

Gymnasium, Tabor, Czechoslovakia, College education, 1959

MD, Charles University School of Medicine, Medicine, 1965

PhD, Czechoslovak Academy of Sciences & Charles University School of Medicine, Prague, Czechoslovakia, Human Genetics, 1979

Board Cert, Postgraduate Medical Institute, Prague, Czechoslovakia, Medical Genetics, Board Certificate, 1985

Board Cert, Postgraduate Medical Institute, Prague, Czechoslovakia, Pediatrics, Board Certificate, 1985

DSc, Czechoslovak Academy of Sciences, Prague, Czechoslovakia, Medical Genetics, 1986

### **Len Tolstunov**

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DDS, Moscow Dental Institute, 1985

Moscow Trauma Hospital, Resident in the department of oral and maxillofacial, 1989

DDS, University of the Pacific, Graduated with honors (TAU KAPPA OMEGA), 1992

University of California, San Francisco, Oral and Maxillofacial Surgery residency, 1997

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BA, City University of New York City College, 1976

MBA, St. John's University, New York, NY, 1984

DDS, University of the Pacific, 1989

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University of Richmond, 1973

DDS, Medical College of Virginia, 1979

University of California, San Francisco, Certificate in  
Prosthodontics, 1984

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DDS, Kaohsiung Medical University, Dentistry, 2000

MS, University of Michigan, Periodontics, 2004

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BS, UC Davis, Biological Sciences, 1974

DDS, UOP School of Dentistry, General Dentistry, 1977

**V**

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New York University College of Dentistry, 2007

St. Barnabas Hospital, Bronx, Pediatric Dental Residency, 2010

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BS, University of the Pacific, Biological Sciences, 2001

DDS, University of the Pacific Arthur A. Dugoni School of  
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Bureau of Medicine and Surgery, US Navy, AEGD certification,  
2005

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BA, University of California, Biology (High Honors), 1987

DMD, Harvard School of Dental Medicine, Dentistry (Cum Laude,  
1992

MPH, Harvard School of Public Health, Public Management and

Community Health, 1992

MS, Northwestern University Dental School, Orthodontics, 1997

## **W**

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BS, University of New Mexico, Biology, 1970

DDS, University of Southern California School of Dentistry, DDS,  
1975

Wadsworth Veterans Medical Center, General Practice Residency,  
1976

MD Anderson Cancer Center, Prosthodontic Residency, 1978

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BS, University of the Pacific, Dental Hygiene, 2007



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Modesto Junior College, Pre-Dental Hygiene, 1988

AS, Foothill College, Dental Hygiene, 1990

BS, Chapman University, Health Systems, Certificate in Gerontology, 2001

MS, University of New Haven Connecticut, Human Nutrition, 2004

Edd, University of the Pacific, Professional Education Leadership, in progress, 2009

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University of Detroit, Detroit, MI, Biology, 1963

DDS, University of Detroit School of Dentistry, Detroit, MI,

Dentistry, 1967

William Beaumont Medical Center, El Paso, TX, Certificate  
Internship, 1968

Wadsworth Medical Center, Los Angeles, CA, Certificate  
Prosthodontics, 1975

MA, San Francisco State University, San Francisco, CA,  
Education, 1980

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BS, San Jose State University, Biology, 1984

DDS, U.O.P School of Dentistry, DDS, 1988

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BA, Albion College, Biology, 1971

DDS, University of Michigan School of Dentistry, Dentistry, 1975

US Public Health Service, General Practice Dental Residency,  
1976

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University of California(Berkeley), 1961

DDS, University of Washington, 1966

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BA, University of the Pacific, Stockton, Bachelor of Arts, Biology,  
1983

DDS, University of the Pacific School of Dentistry, 1986

Branemark NobleBiocare Restorative Implant Certificate, Implant  
Certificate, 2000

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*Assistant Professor of Periodontics*

BA, University of California, Davis, Biological Sciences, 1996

BA, University of California, Davis, Organizational Studies, 1996

DDS, University of the Pacific Arthur A. Dugoni School of Dentistry, Doctor of Dental Surgery, 2003

Oregon Health and Sciences University, Periodontology, 2006

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BS, San Francisco State University, Biochemistry & Asian American Studies, 1998

DDS, UOP School of Dentistry, 2002

UOP School of Dentistry, AEGD Program, AEGD, 2004

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*Associate Professor of Endodontics*

College of San Mateo, 1988

Skyline College, 1988

University of the Pacific, 1989

DDS, University of the Pacific, Dentistry, 1992

University of the Pacific, AEGD, 1994

University of Vienna, Histology, 1996

University of Pennsylvania, Endodontics, 1997

MS, University of Pennsylvania, 1997

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Fresno State College, 1958

DDS, University of California, San Francisco, Dentistry, 1962

MS, University of Texas, Houston, 1972

University of Texas, Houston, Endodontics, 1972

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BS, Virginia Commonwealth University, Biology, 1980

DDS, Medical College of Virginia, Dentistry, 1984

Medical College of Virginia, Pediatric Dentistry, 1987

Ed D, University of the Pacific, Education, 2007

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BS, Arizona State University, Chemistry, 1976

DDS, University of the Pacific, Dentistry, 1979

MA, University of the Pacific, Educational Psychology-  
Counseling, 1994

## **Y**

### **Nathan Yang**

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BS, University of California at Davis, Psychology and  
Biochemistry, 1998

DDS, University of the Pacific, Arthur A. Dugoni School of  
Dentistry, Dentistry, 2006

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BS, University of the Pacific, Biology, 1977

DDS, University of the Pacific, 1980

MBA, University of the Pacific, Business Administration, 1999

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National Yang-Ming University

DDS, National Yang-Ming University Dental School, Dentistry,  
1982

University of California, San Francisco, Prosthodontics, 1994

PhD, University of California, San Francisco, Oral Biology, 2002

**Douglas A. Young**

*Associate Professor of Dental Practice*

BA, University of California, Berkeley, Bacteriology, 1977



DDS, University of California, San Francisco, Dentistry, 1981

BS, University of California, San Francisco, Dental Science, 1981

UCSF Hospital, SF General Hospital, VA Longbeach Hospital,  
Hospital Dentistry, Oral Med, Oral Surg Clerkship, 1981

Veteran's Administration Hospital, San Francisco, General  
Practice Residency, 1982

MBA, University of the Pacific, Business Administration, 1999

MS, University of California, San Francisco, Oral Biology, 2000

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**Z**

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BSc, University of Strathclyde, Immunology and Pharmacology, 1992

PhD, Sheffield Hallam University, Immunopharmacology, 2000

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Adelbert College of Case Western Reserve University, 1953

BS, Case Western Reserve University, 1955

DDS, Case Western Reserve University, 1957

St. Luke's Hospital Cleveland, Ohio, Rotating Internship, 1958

Walter Reed Institute of Research, Advanced Theory and Science of Dental Practice, 1968

Letterman Army Medical Center, 1970

MPS, Western Kentucky University, 1974

**Keivan Zoufan**

*Assistant Professor of Dental Practice*

DDS, Tehran Azad University, Doctorate Dental Surgery, 1999

DDS, University of Southern California, Doctorate Dental Surgery, 2004

University of Southern California, Advanced Education in General Dentistry, 2005

MS, University of Connecticut, Master Dental Sciences - Endodontics, 2010

University of Connecticut, Certificate in Endodontics - Board Eligible, 2010



## Faculty & Research

### Adjunct Faculty

**A**

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BS, Santa Clara University, Biology, 2001

DDS, University of the Pacific, Dentistry, 2004

MSD, University of the Pacific, Orthodontics, 2006

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DDS, University Paris V, Dentistry, 1976

University Paris VII, Embriology, 1976

University of the Pacific, Orthodontics, 1980

MA, University of the Pacific, Education, 1994

MA, University of the Pacific, Psychology and Counseling, 1994

University of California, San Francisco, Certificate of Participation  
- Temporomandibular, 1996

**B**

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BS, University of the Pacific, Biology, 2005

DDS, University of the Pacific, Dentistry, 2008

MSD, University of the Pacific, Orthodontics, 2011

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University of California Davis, 1971

DDS, University of the Pacific, School of Dentistry, Dental, 1974

certificat, UCLA, Orthodontics, 1976

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BA, University of the Pacific, Applied Science, 2000

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MS, UCLA School of Orthodontics, M.S. in Oral Biology, 2006

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BA, Northwest Nazarene College, 1965

DDS, Loma Linda, 1969

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BS, Texas Christian University, Biology, 1992

DDS, Baylor College of Dentistry Texas A and M University, 1997

University of the Pacific School of Dentistry, Oral and

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EhD, University of San Francisco

MA, University of North Dakota

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BA, Humboldt State University

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BA, Boston University, Biology, 1967

DMD, University of Pennsylvania Dental School, Dentistry, 1971



University of Pennsylvania, Anesthesiology, 1973

University of Pennsylvania, OMF Surgery, 1976

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BS, Rensselaer Polytechnic Institute, Biology, 1989

DMD, Tufts University School of Dental Medicine, Magna Cum Laude, 1993

Cert, Tufts University School of Dental Medicine, Orthodontics, 1995

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BS, Indiana University, Dentistry, 1965

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BS, Emory University Atlanta Georgia, Biology, 1978

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BA, Pacific Union College-Angwin CA, 1961

DDS, Loma Linda University, 1965

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Graceland College, 1962

Universtiy of Hawaii, Chemistry, 1964

DDS, University of Detroit dental School, Dentistry, 1968

Univeristy of Washington Dental School, Endodontics, 1971

**Carolyn Brown**

*Adjunct Instructor of Dental Practice*

BS, University of Maryland, Finance, Transportation, 1991

Columbia University, 1997

Loyola University, 1997

DDS, University of Maryland, Dental, 2001

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BA, UC Santa Cruz, Biology, 1985

DDS, University of Pacific, Dental, 1988

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DDS, Northwestern University, General Dentistry, 1999

MA, University of Pittsburgh, Periodontics, 2004

MPH, University of Pittsburgh, Dental Public Health, 2004

**C**

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DMD, University of Costa Rica, Dentistry, 1996

DDS, Boston University, Goldman School of Medicine, Dentistry,  
2004

Boston University, Goldman School of Dental Medicine, 2005

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BS, UC San Diego, Physiology, 1998

DDS, USC, General Dentistry, 2005

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Gonzaga University, General Education, 1978

Washington State University, Dental pre-requisites, 1981

BS, University of Washington, Biology, 1983

DDS, University of Southern California, Dentistry, 1987

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*Adjunct Assistant Professor of Pediatric Dentistry*

MS, Jaihind College, Bombay University, India, Higher Secondary Certificate: Science, 1982

BDS, Government Dental College and Hospital, Bombay University, Dentistry, 1986

MSD, Goldman School of Dentistry, Boston University, Pediatric Dentistry, 1990

**Douglas Chase**

*Adjunct Assistant Professor of Dental Practice*

Cuesta Junior College, 1974

BA, University of the Pacific/College of Pacific, Biological Sciences, 1979

DDS, University of the Pacific School of Dentistry, 1979

general dental care, 1979

, 2007

Las Vegas Institute, 2007

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*Adjunct Instructor of Dental Practice*

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*Adjunct Assistant Professor of Orthodontics*

University of Colorado, Boulder, College of Arts and Sciences  
Kinesiology Major, 1997

DDS, University of the Pacific, Dentistry, 2000

BA, University of the Pacific, Applied Sciences, 2000

MS, University of the Pacific, Dentistry, 2006

**Benjamin Chew**

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University of California Berkeley, Biochemistry, 1989

DDS, University of the Pacific School of Dentistry, Dentistry, 1989

**Robert Yin-Deh Chiang**

*Adjunct Instructor of Dental Practice*



**Guei-Mei Chiang**

*Adjunct Instructor of Dental Practice*

Taipei Medical School, Dentistry, 2007

University of California San Francisco, Pediatric Dentistry, 2007

**Jason Ching**

*Adjunct Instructor of Dental Practice*

BA, Brown University, Public Private Sector Organization, 2006

DDS, University of the Pacific, Dentistry, 2010

Lutheran Medical Center, Dental Residency, 2011

**Sudha Sessa Chinta**

*Adjunct Assistant Professor of Endodontics*

BDS, University of Bangalore, Bangalore, India, 1992

DDS, UOP Arthur Dugoni School of Dentistry, Dentistry, 1996

MSD, Boston University, Goldman School of Dentistry, Dentistry,  
2009

**Janice Chou**

*Adjunct Instructor of Dental Practice*

BS, University of San Diego, Biochemistry/Cell Biology, 2006

DDS, University of the Pacific School of Dentistry, General  
Dentistry, 2010

University of the Pacific School of Dentistry, Advanced  
Education in General Dentistry, 2011

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*Adjunct Assistant Professor of Orthodontics*

BS, University of Utah, Major: Sociology Minor: Chemistry, 1994

DDS, New York University College of Dentistry, Doctor of Dental Surgery, 1999

Bronx Lebanon Hospital Center, Hospital Based General Practice, 2000

MSD, University of the Pacific, Orthodontics, 2008

**David J. Crippen**

*Adjunct Assistant Professor of Pediatric Dentistry*

BS, University of Washington, Zoology, 2001

DDS, University of the Pacific, Arthur A. Dugoni School of Dentistry, 2004

Children's Hospital of Wisconsin, Certificate in Pediatric Dentistry, 2006

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*Adjunct Instructor of Oral and Maxillofacial Surgery*

BA, University of Southern California, Biological Sciences/Health Administration Services, 2000

MS, University of California, Los Angeles, School of Dentistry, Oral Biology, 2003

DDS, University of Southern California, School of Dentistry, Four year graduate level program, 2006

University of Miami, Jackson Memorial Hospital, One Year Internship Oral and Maxillofacial Surgery, 2007

**D**

**Sam W. Daher**

*Adjunct Assistant Professor of Orthodontics*

DCS, Vanier College, Health Sciences, 1988

McGill University, Pre-Dentistry, 1990

DDS, McGill University, Dentistry, 1994

MS, Universite de Montreal, Orthodontics, 2006

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BA, University of California, Berkeley, Anthropology, 1973

MA, University of California, Berkeley, Anthropology, 1978

PhD, University of California, Berkeley, Anthropology, 1982

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University of California Berkeley, 1945

DDS, University of California San Francisco, 1949

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BA, IPVCE/Cuba, Sciences/Literature, 1995

DS, Advanced Institute of Medical Sciences of Santiago de Cuba,  
Doctor of Stomatology, 2000

DDS, UCSF School of Dentistry, Dentistry, 2008

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DDS, Univ. Of Tennessee, 1973

Univ. Of Oregon, Orthodontics, 1977

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DDS, New York University College of Dentistry, General Dentistry, 2006

University of the Pacific Arthur A. Dugoni School of Dentistry, General Dentistry - AEGD, 2007

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L.S.U. Health Sciences Center, New Orleans, LA, 1 month summer externship, 2002

University of the Pacific Stockton, CA, 3 year accelerated undergraduate pre dental program, 2003

Center for Jaw and Corrective Facial Surgery, Fresno, CA, 1 week observation, 2004

Highland Hospital, Oakland, CA, 1 week externship, 2005

DDS, University of the Pacific Arthur A. Dugoni School of Dentistry, Dentistry, Magna Cum Laude, 2006

MA, Tufts University School of Dental Medicine, Endodontics Specialty Certificate, 2008

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DMD, Tufts University, 1979

MSD, University of the Pacific, 1981

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DMD, Tufts University, 1956

PhD, University of California, 1964

**E**

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East TN State University, 2002



Cleveland State Community College, 2003

BS, University of Tennessee, Chemistry, 2005

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BS, State University of New York Albany, Chemistry/Biology,  
1984

DDS, University of the Pacific, Dentistry, 1987

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BS, Indiana University, Biology, 1982

DDS, Indiana University, Dentistry, 1986

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Complutense University, Madrid, Spain, Certificate of completion of the UC Education Abroad, 1991

BS, University of California, Irvine, Biological Science, 1992

DDS, University of the Pacific, 1995

University of the Pacific, AEG Program, 1996

University of the Pacific, Advanced Endodontics, 1996

University of Southern California, Postgraduate Endodontics, 1998

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AB, University of California, Berkeley, Anthropology, 1963

University of California, Davis, Junior standing in mechanical engineering, 1964

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University of Santa Clara, Engineering, 1983

BS, Washington University, St. Louis, Missouri, Biology, 1998

DDS, University of the Pacific, 2001

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Eastman School of Dentistry, Certificate in TMJD, 1988

Mesa Community College, 1989

Arizona State University, 1989

DDS, University of the Pacific Arthur A. Dugoni School of  
Dentistry, Dentistry, 1992

University of Rochester, Eastman Dental Center, Certificate in  
Orthodontics, 2000

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DDS, U of Missouri Kansas City, 1973

MS, Univ of North Carolina, Orthodontics, 1977

## **G**

### **Richard John Garcia**

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BS, University of San Francisco, 1971

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Veterans Administration Hospital, San Francisco, 1976

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BS, Oregon State Univ., 1967

San Francisco State, 1968

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AB, De Anza College, Associate in Arts and Biology, 1997

BA, San Jose California State University, Physiology/Molecular  
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DDS, University of Pennsylvania School of Dental Medicine,  
Dental Medicine, 2009

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BA, Willamette University, Biology, 2005

DDS, University of the Pacific School of Dentistry, General Dentistry, 2009

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DDS, University of Bonn Dental School, Dentistry, 1983

Medical School of Hannover, Oral Surgery, 1987

MD, Hannover Medical School, 1989

German Academic Exchange Medical Student, 1989

Harvard Medical School, Head & Neck Oncology, 1990

University of Cologne/Germany, ENT, 1991

University of Cologne/Germany, 1995

PhD, University of Koeln, OI and Maxillofacial Surgery, 1996

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*Adjunct Assistant Professor of Pediatric Dentistry*

BS, University of California Berkeley, Science, Resource  
Economics and Policy, 1996

AB, California State University, Sacramento, General Science,  
1997

DDS, University of the Pacific, General Dentistry, 2008

MA, University of California, San Francisco, Pediatric Dentistry,  
2011

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BS, Brigham Young University, Microbiology, minor in



Philosophy/Analytical Think, 1992

DDS, Baylor College of Dentistry, 1996

MD, Univ of Texas Southwest Medical School, 1999

Parkland Memorial Hospital, General Surgery Intenship, 2000

Parkland Memorial Hospital, Dallas, TX, Oral & Maxillofacial Surgery, 2001

University of Rochester/Eastman Dental Center, Rochester, NY, Orthodontics, 2004

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BA, Gustavus Adolphus College, Biology, General Science, 1980

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Columbia University, Orthodontics, 1968

**H**

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MS, University of Illinois At Chicago, Orthodontics, 1989

DDS, University of Michigan, Dental, 2011

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Eastman Dental, Pedo Certificate, 1973

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MA, Chico State University, 1993

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BS, Washington & Lee University, Chemistry, 1971

DDS, Georgetown University, Dentistry, 1975

MS, West Virginia University, Orthodontics, 1978

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Bradley University, 1964

DDS, Loyola Dental School, 1968

Sepulveda VA Hospital, General residency, 1969

University of Nebraska, Certificate in periodontics, 1986

Lincoln VA Hospital, Clinical Residency in periodontics, 1986

Livermore VA Hospital, Periodontal consultant, 1987

**Harry H. Hatasaka**

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University of Colorado, 1947

DDS, Northwestern University, 1954

U.S. Public Health Service Hospital, 1955

MSD, University of Washington, 1960

**David C. Hatcher**

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University of Washington, Seattle (1965), Biology

Columbia Basin Comm. College, Pasco, Washington (1967),  
Biology

University of Washington, Seattle (1968), Biology

Western Washington State College (1969), Biology

BA, Central Washington State College (1969), Biology

DDS, University of Washington, Seattle (1973), Dentistry

University of Vermont Medical Center (1976), General Practice  
Residency

M.Sc., University of Toronto, Ontario Canada (1983), Oral  
Radiology

M.R.C.D., University of Toronto, Ontario Canada (1983), Oral  
Radiology

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Bishop Cotton College, Science, 1992

BDS, R.V. Dental College, India, Dentistry, 1997

California State University Northridge, Health Education, 2000

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BA, University of California, Berkeley, Integrative Biology,  
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University of California Davis, Biochemistry Major, 1993

DDS, Columbia University School of Dental and Oral Surgery,  
Dentistry, 1997

Loma Linda University School of Dentistry, Certificate,  
Endodontics, 2002

MS, Loma Linda University School of Dentistry, Endodontics,  
2003

**Tim Huang**

*Adjunct Assistant Professor of Pediatric Dentistry*

BS, University of California, Los Angeles, Chemical Engineering,  
2002

DDS, University of California Los Angeles School of Dentistry,  
Doctorate of Dental Surgery, 2006

Albert Einstein/Montefiore Medical Center, Certificate in  
Pediatric Dentistry, 2008

**Kimberley Hubenette**

*Adjunct Instructor of Dental Practice*

**Kevin Hursh**

*Adjunct Instructor of Dental Practice*



BS, San Francisco State University, Biology conc. Physiology, 1997

DDS, University of California, San Francisco, Dentistry, 2001

**Jeff Paul Huston**

*Adjunct Associate Professor of Pediatric Dentistry*

BA, Indiana University, Biology, 1977

MA, Indiana University School of Medicine, Master of Science in  
Medical Genetics, 1979

DDS, Indiana University School of Medicine, 1979

University of Southern California, Certificate in Pediatric  
Dentistry, 1984

**Matthew J. Hutchinson**

*Adjunct Instructor of Oral and Maxillofacial Surgery*

BS, Washington State University, Microbiology, 1999

DDS, University of the Pacific, Dentistry, 2005

Hennepin County Medical Center, General Practice, 2006

## **I**

### **Timothy D Irish**

*Adjunct Assistant Professor of Orthodontics*

BA, Univ. Of CA San Diego, 06/1987, 1987

DDS, Univ. of the Pacific, 06/1990, 1990

Univ. of the Pacific, Orthodontics, 1992

## **J**

### **Samantha Kaye Johnson**

*Adjunct Instructor of Dental Practice*

BS, University of Michigan, Psychology as a Natural Science, 1996

DDS, New York University, General Dentistry, 2001

Veterans Administration Medical Center, Northport, New York,  
General Practice Residency, 2002

## **K**

### **Herbert W. Kaplan**

*Adjunct Associate Professor of Orthodontics*

Temple University, Broadcasting, 1953

Ohio State University, Pre-Dental, 1958

DDS, Ohio State University College of Dent, Dentistry, 1962

MS, University of Detroit School of Dentistry, Orthodontics, 1977

University of Detroit School of Dentistry, Certificate in  
Orthodontics, 1977

### **Binita Katheria**

*Adjunct Assistant Professor of Pediatric Dentistry*

**Joseph S Kim**

*Adjunct Assistant Professor of Oral and Maxillofacial Surgery*

BA, Oxford College at Emory University, Chemistry, 1985

DMD, Tufts University School of Dental Medicine, 1991

Montefiore Medical Center, Specialty Certificate, 1997

**Navid N. Knight**

*Adjunct Assistant Professor of Periodontics*

B.A., University of California at Berkeley, 1986

D.D.S., University of the Pacific School of Dentistry, 1989

University of the Pacific Arthur A. Dugoni School of Dentistry,  
1990

Oregon Health Sciences University, Certificate in Periodontics,  
1992

Veterans Admin. Hospital, Periodontology resident, 1992

Oregon Health Sciences University, Mini Anesthesia Residency,  
1992

United States Navy, Certificate of Training in Oral  
Pathology/Medicine, 1995

**Stephen Koons**

*Adjunct Associate Professor of Biomedical Sciences*

**Andrew S. Kouvaris**

*Adjunct Assistant Professor of Orthodontics*

BS, Santa Clara University, Combined Sciences, 1999

DDS, University of the Pacific School of Dentistry, Dentistry,

2002

MSD, University of the Pacific School of Dentistry, Orthodontics,  
2004

## **L**

### **Michael B. Lambert**

*Adjunct Assistant Professor of Dental Practice*

BA, University of California, 1971

DMD, Washington University School of Dentistry, Dentistry, 1984

VA Hospital, Palo Alto, Certificate, 1985

### **Mary C. Le**

*Adjunct Assistant Professor of Pediatric Dentistry*

BA, DDS, University of Missouri - Kansas City, Six year combined  
program, 2000

University of California San Francisco, Certificate in Pediatric

Dentistry, 2003

MS, University of California San Francisco, Oral Biology, 2003

**Jetson Scott Lee**

*Adjunct Assistant Professor of Orthodontics*

AB, University of California, Berkeley, CA, Biological Sciences

DDS, University of the Pacific, School of Dentistry, Dentistry

MSD, University of the Pacific, School of Dentistry, Orthodontics

**Callin Lee**

*Adjunct Instructor of Dental Practice*

BA, University of the Pacific, Stockton, CA, 1983

DDS, University of California, San Francisco, Dentistry, 1987

**David W. Lee**

*Adjunct Assistant Professor of Pediatric Dentistry*

D.D.S., University of the Pacific School of Dentistry, Dentistry,  
1988

A.B., University of California at Berkeley, Integrative Biology,  
1991

**David H. Lee**

*Adjunct Assistant Professor of Orthodontics*

BS, University of California San Diego, BS in Animal Physiology  
and Neuroscience, 2000

DDS, University of Southern California School of Dentistry,  
Dental, 2006

Naval Medical Center San Diego, CA, Advance Education in  
General Dentistry, 2007



**Christina N. Lee**

*Adjunct Instructor of Endodontics*

BS, University of the Pacific, Stockton, CA, Biology, 2007

DDS, University of the Pacific, School of Dentistry, SF, CA,  
Dentistry, 2010

Certificat, University of the Pacific, School of Dentistry, SF, CA,  
Advanced Education in General Dentistry, 2011

**David H. Lee**

*Adjunct Assistant Professor of Orthodontics*

MSD, University of the Pacific Arthur A. Dugoni School of  
Dentistry, Orthodontics, 2011

**William S. Lieber**

*Adjunct Associate Professor of Orthodontics*

BS, Tufts University, 1962

DMD, University of Pennsylvania School of Dental Medicine,  
1966

Montefiore Hospital & Medical Center, Internship Certificate, 1967

University of the Pacific School of Dentistry, Certificate in  
Orthodontics, 1974

MSD, University of the Pacific School of Dentistry, 2001

**Donald W. Linck II**

*Adjunct Assistant Professor of Orthodontics*

DDS, University of California School, San Francisco, 1963

Columbia University, Orthodontics, 1965

**Lyndon Low**

*Adjunct Assistant Professor of Dental Practice*

## **M**

### **Monica MacVane-Pearson**

*Adjunct Instructor of Dental Practice*

Universite de Moncton, One-month long summer French immersion camp, 1995

Universidad de Zaragoza, Rotary Club International exchange student, 1997

BS, Mount Allison University, Biology, 2001

McGill University, 2005

University of the Pacific, Arthur A. Dugoni School of Dentistry, 2006

### **Allan M. Malkasian**

*Adjunct Assistant Professor of Oral and Maxillofacial Surgery*

Fresno State University, 1960

DDS, University of Illinois College of Dentistry, Doctor of Dental Surgery, 1964

**Erica Cristina Marchiori**

*Adjunct Instructor of Oral and Maxillofacial Surgery*

Course, VIII Congresso de Odontologia do RN, ABO-RN, Brazil, Aplicacoes de laser de alta intensidade, 2001

Course, VI Encontro de Interacao Academica de Saude, VI EIAS, Brazil, Anatomia Funcional e Biomecanica da ATM, 2001

Course, Sindicato dos Odontologistas no Estado de Pernambuco, SOEPE, Brazil, VI curso de anatomia da cabeça e do pescoco, 2001

Course, Sociedade dos Cirurgioes Dentistas de Pernambuco, SCDP-ABO/PE\*, Lesoes de Esforço Repetitivo Prevencao Tratament, 2001

Course, Sociedade dos Cirurgioes Dentistas de Pernambuco, SCDP-ABO/PE\*, Curso Teorico de Estetica, 2001

Course, Universidade de Pernambuco, UPE, Recife, Brazil, Atualizacao Clinica Em Cirurgia Oral Menor, 2002

Course, Sindicato dos Odontologistas no Estado de Pernambuco, SOEPE, Brazil, VII Curso de Anatomia da Cabeça e do Pescoco, 2002

Course, Hospital da Restauracao, HR, Brazil, V Curso de Cirurgia e Traumat buco-maxilofacial, 2002

Course, Sindicato dos Odontologistas no Estado de Pernambuco, SOEPE, Brazil, VIII Curso de Anatomia da Cabeça e do Pescoco, 2003

Course, Sociedade dos Cirurgioes Dentistas de Pernambuco, SCDP-ABO/PE, Brazil, Cirurgia ortognatica, 2004

Course, Universidade Federal de Pernambuco, UFPE, Recife, Brazil, Atualizacao em cirurgia oral menor VII, 2005

Course, Sociedade dos Cirurgioes Dentistas de Pernambuco, SCDP-ABO/PE, Brazil, Cirurgia Periodontal, 2005

Course, Sociedade dos Cirurgioes Dentistas de Pernambuco, SCDP-ABO/PE, Brazil, Protese sobre implante, 2005

BS, Universidade de Pernambuco, UPE, Recife, Brazil, Odontologia, 2005

Course, Universidade Federal da Bahia, UFBA, Salvador, Brazil, Distracao Osteogenica no Complexo Maxilomandibular, 2007

Course, Universidade Federal da Bahia, UFBA, Salvador, Brazil, Curso de Cirurgia e Anestesiologia, 2007

Course, Centro de Ensino Odontologico do Hospital Espanhol, CEOHE, Brazil, Atualizacao em Cirurgia e Anestesiologia, 2007

Course, Universidade Estadual de Campinas, UNICAMP, Campinas, Brazil, Reconstrucao Cirurgica de Maxilares Atroficicos, 2008

Masters, Universidade Estadual de Campinas, UNICAMP,  
Campinas, Brazil, Clinica Odontologica - Area de CTMBF, 2010

Conselho Federal de Odontologia, CFO, Brazil, Cirurgia e  
Traumatologia Buco-maxilo-faciais, 2010

Hospital Geral Roberto Santos, HGRS, Brazil, Bucomaxilofacial  
Surgery, 2010

DDS, Universidade Estadual de Campinas, UNICAMP, Campinas,  
Brazil, Doctorate in Clinica Odontologica, 2010

Course, XXI Congresso Brasileiro de Cirurgia Buco-maxilo-facial,  
XXI COBRAC, Brazil, Prevencao de errors em cirurgia bimaxilar,  
2011

**Daniel C. Martin**

*Adjunct Instructor of Oral and Maxillofacial Surgery*

DDS, University of the Pacific School of Dentistry, 2005

**Cameron K. Mashouf**

*Adjunct Associate Professor of Orthodontics*

DDS, University of Tehran, Dentistry, 1967

University of California, Berkeley, Physiology, 1970

Loyola University, Chicago, Certificate in Orthodontics, 1972

**Nima Massoomi**

*Adjunct Instructor of Oral and Maxillofacial Surgery*

BS, St. Lawrence University, Cum Laude, Canton, New York,  
Bio/Chemistry, 1994

Med, University of Pennsylvania Graduate School of Education,  
Masters of Education, 2001

DMD, University of Pennsylvania School of Dental Medicine,  
Dental Medicine, 2001

Internship, Vanderbilt University Medical Center, Nashville, TN,  
General Surgery, 2005

Residency, Vanderbilt University, Nashville, TN, Oral &  
Maxillofacial Surgery, 2007

MD, Vanderbilt University School of Medicine, Nashville, TN,  
Medicine, 2007

Fellowship, T. Williams Evans Fellowship Columbus, Ohio, Facial  
Cosmetics Surgery, 2008

**Monika M Meekay**

*Adjunct Assistant Professor of Pediatric Dentistry*

**James M. Michino**

*Adjunct of Oral and Maxillofacial Surgery*

BS, Lewis and Clark College, Portland, Oregon, Psychology, 2001

DMD, Temple University School of Dentistry, Philadelphia,  
Pennsylvania, 2007

**Jade A Miller**



*Adjunct Assistant Professor of Pediatric Dentistry*

Douglas County High School Gardnerville, NV, 1974

University of the Pacific Stockton, CA, 1976

BS, University of Nevada - Reno, Health Sciences, 1978

DDS, University of the Pacific School of Dentistry San Francisco, CA, Dentistry, 1981

Children's Hospital Medical Center Cincinnati, OH, Pediatric Dentistry, 1983

**Scott W. Milliken**

*Adjunct Assistant Professor of Periodontics*

BA, San Jose State University, Biology, 1984

DDS, University of Pacific, Surgery, 1987

MS, Northwestern University, Certificate in Periodontics, 1989

**Daniel A. Mobati**

*Adjunct Assistant Professor of Oral and Maxillofacial Surgery*

BS, University of California at Los Angeles, Microbiology, 1989

DDS, University of California School of Dentistry, 1993

Lincoln Medical and Mental Health Center, Bronx, N.Y.,  
Certificate, Oral & Maxillofacial Surgery, 1997

MD, New York Medical College, School of Medicine, 2001

Highland Hospital, Alameda County Medical Center, Oakland,  
CA, Certificate, Transitional Program, 2002

**Anthony Mock**

*Adjunct Instructor of Dental Practice*

AB, U.C. Berkeley, Bacteriology, 1975

DDS, Case Western Reserve University Dental School, Denistry,  
1980

Highland General Hospital, GPR, 1981

**Alicia Montell**

*Adjunct Instructor of Dental Practice*

BS, Stanford University, Biological Sciences, 2000

DDS, University of California, San Francisco, Dentistry, 2005

**Renata Dornelles Morgental**

*Adjunct of Endodontics*

Escola Marista de Ensino Fundamental Santa Marta, EMEFSM,  
Brasil, Voluntary Internship (120h), 2001

Sociedade Espirita Estudo e Caridade-Lar de Joaquina, LJ, Brasil,  
Voluntary Internship (30h), 2002

Universidade Federal de Santa Maria, UFSM, Santa Maria, Brasil,  
Monitorship in Endodontics, 2002

Prefeitura Municipal de Santa Maria, P/Santa Maria, Brazil,  
Voluntary Internship (1100h), 2002

**BS, Universidade Federal de Santa Maria, UFSM, Doctor in Dental Science, 2002**

**Universidade Federal do Rio Grande do Sul, UFRGS, Porto Alegre, Brasil, Improvement Course in Endodontics, 2003**

**Associacao Brasileira de Odontologia Secao Rio Grande do Sul, ABORS, Brasil, XI Course about General Clinic Update (34th), 2004**

**Universidade Federal do Rio Grande do Sul, UFRGS, Porto Alegre, Brasil, CE: Internship in Endodontics (140h), 2004**

**Associacao Brasileira de Odontologia Secao Rio Grande do Sul, ABORS, Brasil, XII Course about General Clinic Update (34h), 2004**

**Universidade Federal do Rio Grande do Sul, UFRGS, Porto Alegre, Brasil, CE: Internship in Endodontics (140h), 2005**

**Associacao Brasileira de Odontologia Secao Rio Grande do Sul, ABORS, Brazil, Specialization in Endodontics, 2007**

**Associacao Paulista de Cirurgioes-dentistas da regioao de Araraquara, APCD-ARARAQUARA, Brasil, Photography in Dentistry (20h), 2009**

**MA, Universidade Estadual Paulista Julio de Mesquita Filho, UNESP, Sao Paulo, Brazil, Master's in Dentistry (Endodontics), 2010**

**DDS, Pontificia Universidade Catolica do Rio Grande do Sul, PUCRS, Porto Alegre, Brazil, Internship at the UOP (Advisor: O.Peters), 2010**

**Jasmin Moschref**

*Adjunct Instructor of Dental Practice*

BS, University of California, Berkeley, Biology, 2002

DDS, Indiana University School of Dentistry, Dentistry, 2008

**Kathy Mueller**

*Adjunct Assistant Professor of Removable Prosthodontics*

BS, University of KY, 1974

MS, Pursue University, 1976

DMD, University of KY, 1980

VA UCSF, Prosthodontic Certificate, 1983

**John Muller**

*Adjunct Assistant Professor of Periodontics*

BS, University of San Francisco, Biology, 1978

DDS, University of the Pacific, Dentistry, 1985

**N**

**Yuko Christine Nakamura**

*Adjunct Assistant Professor of Oral and Maxillofacial Surgery*

BS, Duke University Trinity College, Durham, NC, Major: Cell & Molecular Biology, Minor: Chemistry, 1999

DMD, Case Western Reserve University School of Dental Medicine, Cleveland, OH, Doctor of Medical Dentistry, 2004

MD, Columbia University College of Physicians & Surgeons, NY, Doctor of Medicine, 2007

Columbia University Medical Center, New York, NY, General Surgery Internship, 2008

Columbia University Medical Center, New York, NY, Oral & Maxillofacial Surgery Certificate, 2010

**Jung Nam**

*Adjunct Assistant Professor of Removable Prosthodontics*

BS, Lewis & Clark College, Chemistry, 1996

**Daniel Nam**

*Adjunct Instructor of Dental Practice*

BA, University of California, Los Angeles, Music-Piano, 1996

**Jung Nam**

*Adjunct Assistant Professor of Removable Prosthodontics*

MS, Oregon Health Science University, Biochemistry, 1997

DDS, University of Pennsylvania, DMD, 2001

**Daniel Nam**

*Adjunct Instructor of Dental Practice*

DDS, University of the Pacific School of Dentistry, General Dentistry, 2002

**Jung Nam**

*Adjunct Assistant Professor of Removable Prosthodontics*

MSD, University of Washington, MSD & Certificate Prosthodontics, 2006

**Debby Narcisso**

*Adjunct Instructor of Dental Practice*



**John A Neves**

*Adjunct Assistant Professor of Pediatric Dentistry*

Georg-August Universitaet, Education Abroad Program, 1997

BS, University of California, Major: Biology, Minors: German & Music, 1998

DMD, Nova Southeastern University, Doctor of Dental Medicine, 2004

Nova Southeastern University/Miami Children's Hospital, Certificate in Pediatric Dentistry, 2006

**Owen Nichols**

*Adjunct Assistant Professor of Orthodontics*

AB, Dartmouth College, History, 1958

DDS, University of Pennsylvania, Dentistry, 1962

University of Oregon, Certificate in Orthodontics, 1966

**Ned Leonard Nix**

*Adjunct Associate Professor of Oral and Maxillofacial Surgery*

BS, University of California, Davis, Economics, 1986

San Jose State University, 1992

DDS, University of the Pacific, 1995

**Nazak Noorian**

*Adjunct Instructor of Dental Practice*

BS, California Polytechnic State University, Computer  
Engineering, 2005

DDS, University of the Pacific-Arthur A. Dugoni School of  
Dentistry, General Dentistry, 2010

University of the Pacific-Arthur A. Dugoni School of Dentistry,  
AEGD Program, 2011

## **O**

### **Noha H. Oushy**

*Adjunct Instructor of Dental Practice*

DDS, Ain Shams University, Dental Medicine and Surgery, 2005

MS, New Mexico State University, Public Health, 2010

## **P**

### **Cheol-Ho Paik**

*Adjunct Associate Professor of Orthodontics*

DDS, Seoul National University, Dental College, Dentistry, 1983

PhD, Tsurumi University, Dental School, Orthodontics, 1990

### **Brigitte Papahadjopoulos-Sternberg**

*Adjunct Assistant Professor of Biomedical Sciences*

BS, Karl-Marx-University & Humboldt University Berlin,  
Chemistry, 1971

PhD, Humboldt-University, Berlin, 1976

**Sheetal Patil**

*Adjunct Assistant Professor of Orthodontics*

College of Engineering, Electrical Engineering, 1990

BDS, Govt. of Dental College & Hospital, Dentistry, 1996

**Thomas R. Pitts**

*Adjunct Associate Professor of Orthodontics*

DDS, Univeristy of the Pacific, 1965

MSD, Univeristy of Washington, 1970

Univeristy of Washington, Certificate, 1970

**Katerina Polosukhina**

*Adjunct Assistant Professor of Biomedical Sciences*

MS, D.I. Mendeleev Russian Chemico-Technological University  
(D.I. Mendeleev Chemico-Technological University), Chemistry,  
1982

PhD, Institute of Developmental Biology, Russian Academy of  
Science, Biology (Cytology, Embryology, Histology), 1994

Postdoctoral Fellowship Pacific School of Dentistry, Biochemistry,  
1997

**Sridevi Ponnala**

*Adjunct Instructor of Dental Practice*

DDS, M.R. Ambedkar Dental College, Dental Surgery, 1997

DDS, University of California San Francisco, Dentistry, 2004

**David B. Poor**

*Adjunct Associate Professor of Oral and Maxillofacial Surgery*

BA, Windham College, English/Economics, 1974

University of Massachusetts, Graduate Non-Degree Program,  
Zoology, 1979

DMD, Tufts University, 1982

United States Air Force, Keesler AFB, Mississippi, 1983

**Alexander Pritsky**

*Adjunct Assistant Professor of Periodontics*

B. Med. Sc, Tel-Aviv University, Medical Science, 1997

DMD, Tel-Aviv University, Dentistry, 2000

University of Rochester, Certificate in Periodontics, 2005

**Brisbain Pucan**

*Adjunct Instructor of Dental Practice*

University of the East, Pre-Dentistry, 1984

Centro Escolar University, General Dentistry, 1988

**R**

**Lady-Jean Ramsey**

*Adjunct Instructor of Dental Practice*

BS, Southern College, Medical Science, 1996

DMD, Oregon Health Sciences University, General Dentistry, 1999

OSHU, GPR, 2000

**Sarah Rashid**

*Adjunct Assistant Professor of Orthodontics*

BDS, Kings College London, Dentistry, 1983

Royal College of Surgeons of England, Orthodontics & Pediatric Dentistry, 1996

MSc, University of London, Orthodontics, 2001

Royal College of Surgeons of England, Orthodontics, 2002

**W. Ron Redmond**

*Adjunct Associate Professor of Orthodontics*

BA, U C Riverside, Zoology, 1962

DDS, University of the Pacific, Dentistry, 1966

MS, University of Southern California, Orthodontics, 1970

**Diana Reyes**

*Adjunct Assistant Professor of Pediatric Dentistry*



**Michael R. Ricupito**

*Adjunct Associate Professor of Orthodontics*

BA, San Jose State University, Biological Science, Psychology  
minor, 1980

DDS, University of the Pacific School of Dentistry, Dentistry, 1983

MS, University of California at Los Angeles School of Dentistry,  
Oral Biology, 1987

University of California at Los Angeles School of Dentistry,  
Certificate in Orthodontics, 1987

**Straty S. Righellis**

*Adjunct Associate Professor of Orthodontics*

DDS, University of California, Los Angeles, 1971

MSD, University of California, Los Angeles, 1973

**Lita Rodriguez**

*Adjunct Instructor of Periodontics*

DDS, Cayetano Heredia Peruvian University, Dental, 1988

**Mauricio Ronderos**

*Adjunct Assistant Professor of Periodontics*

DDS, Pontificia Universidad Javeriana, Dentistry, 1992

University of Minnesota, Periodontics, 1999

MPH, University of Minnesota, Epidemiology, 1999

MS, University of Minnesota, Periodontics-Dentistry, 1999

**Neil Donald Ross**

*Adjunct Assistant Professor of Orthodontics*

AB, University of Southern California, 1965

DDS, Washington Univ. St Louis, 1970

Queen's Medical Center (Honolulu), 1971

Univ. of the Pacific, Orthodontics, 1977

**Torrey Rothstein**

*Adjunct Instructor of Dental Practice*

BS, University of California, San Diego, Animal Physiology and Neuroscience, 2002

DDS, University of the Pacific, Dental Surgery, 2005

**Bert D. Rouleau**

*Adjunct Assistant Professor of Orthodontics*

BS, University of Vermont, Zoology, Botany, 1975

DMD, Tufts University, Dentistry, 1978

MS, Northwestern University, Pediatric Dentistry, 1980

MSD, University of the Pacific, Orthodontics, 1982

## **S**

### **Roger W. Sachs**

*Adjunct Assistant Professor of Oral and Maxillofacial Surgery*

BS, Parsons College, Biology, 1964

MS, Northeastern University, Physiology, 1966

DMD, Temple University, Dentistry, 1970

Beth Israel Hospital, OMFS, 1971

Lincoln Hospital, Albert Einstein College of Medicine, Oral & Maxillofacial Surgery, 1974

**Charles E. Sackett**

*Adjunct Assistant Professor of Pediatric Dentistry*

BS, University of San Francisco, Biology, 2000

DDS, University of the Pacific Arthur A. Dugoni School of Dentistry, General Dentistry, 2003

**Mitali Samanta**

*Adjunct Instructor of Dental Practice*

**Jack Saroyan**

*Adjunct Assistant Professor of Dental Practice*

BA, University of California Berkeley, General Curriculum, 1958

DDS, University of the Pacific, Dental School, Dentist, 1962

**Lawrence Alan Saunders**

*Adjunct Instructor of Oral and Maxillofacial Surgery*

AB, Temple University, Biology, 1961

DMD, Temple University, Dentistry, 1965

Med, University of Penn. Graduate School of Medicine,  
OMS-didactic training, 1967

MS, University of the Pacific, Research Hematology, 1970

**Donald C. Schmitt**

*Adjunct Assistant Professor of Pediatric Dentistry*

BA, University of California, Berkeley, Human Biodynamics, 1993

DDS, University of the Pacific, 1999

University of Southern California, Pediatric Dentistry, 2001

Miller Childrens Hospital, Long Beach, 2001

**L. William Schmohl**

*Adjunct Assistant Professor of Orthodontics*

BS, University of California Berkeley, Business Admin, 1966

U.S. Naval Hospital, Oakland, CA, Externship, 1969

DDS, University of California San Francisco, Dentistry, 1970

MS, Case Western Reserve University, Orthodontics, 1974

**Jeremy Schreckengost**

*Adjunct Instructor of Periodontics*

De Anza College, 1999

AS, Foothill College, Dental Assisting, 2001

AS, Cabrillo College, Dental Hygiene, 2004

**Asha Sethu-Madhavan**

*Adjunct Instructor of Orthodontics*

BDS, Rajiv Gandhi University of Health Sciences, India, Dental Surgery, 2003

DDS, University of California Los Angeles, Dental Surgery, 2008

**Enaya Shararah**

*Adjunct Professor of Removable Prosthodontics*

BDS, Alexandria University, Dentistry, 1978

MDS, Alexandria University, Prosthodontics, 1985

PhD, Alexandria University & University of Pittsburgh, Oral Biology & Prosthodontics, 1989



**C. Ray Sheppard**

*Adjunct Instructor of Dental Practice*

University of CA Berkeley, Chemistry, 1962

DDS, University of Pittsburgh, Dental, 1972

BS, CA State University Hayward, Biology, 1972

**Raymond Joseph Sheridan**

*Adjunct Assistant Professor of Dental Practice*

**Kenneth Shimizu**

*Adjunct Assistant Professor of Orthodontics*

BS, University of California, Berkeley, Biology, 1980

DDS, University of the Pacific, Dentistry, 1985

MSD, University of the Pacific, Orthodontics, 1987

**Nicole Shinbori**

*Adjunct Instructor of Removable Prosthodontics*

BA, University of California Los Angeles, Psychology, 2007

DDS, University of the Pacific, Arthur A Dugoni, Dental, 2010

**Daniel Joseph Simon**

*Adjunct Assistant Professor of Endodontics*

BS, Santa Clara University, Political Science, 1994

DDS, Columbia University, Dentistry, 2002

MMSc, Harvard University, Oral Biology, 2005

Certificat, Harvard University, Endodontics, 2005

**Mark J. Singer**

*Adjunct Instructor of Dental Practice*

BA, University of Michigan, 1966

MD, College of Physicians and Surgeons of Columbia University,  
Medicine, 1970

Rush-Presbyterian St. Luke's Medical Center, Internship-Surgery,  
1971

Northwestern University McGraw Medical Center, Residency:  
Pathology, 1972

Northwestern University McGraw Medical Center, Residency:  
Surgery, 1973

Northwestern University McGraw Medical Center, Residency:  
Otolaryngology, 1976

Northwestern University McGraw Medical Center, Fellowship:  
Head and Neck Surgery, 1976

**Susan So**

*Adjunct Assistant Professor of Orthodontics*

BA, University of Pennsylvania College of Arts and Sciences,  
Biology, 1993

DMD, University of Pennsylvania School of Dental Medicine,  
Dental, 1997

M.M.Sc., Harvard School of Dental Medicine, Medical Science,  
Orthodontics, 2000

**Richard Stephen Sobel**

*Adjunct Associate Professor of Pediatric Dentistry*

BA, Queens College, New York City, 1963

U.S. Public Health Service COSTEP Externship, Federal Medical  
Center, 1966

DDS, State University of New York at Buffalo, School of Dentistry,  
Dentistry, 1967

Harvard University, Pediatric Dentistry, 1979

**Alireza Michael Sodeifi**

*Adjunct Assistant Professor of Oral and Maxillofacial Surgery*

DMD, Harvard School of Dental Medicine, Dentistry, 1997

Vanderbilt University Medical Center, Intern, Oral Surgery, 1998

Vanderbilt University Medical Center, Resident, General Surgery,  
2001

Vanderbilt University Medical Center, Resident, Oral Surgery,  
2002

Vanderbilt University Medical Center, Chief Resident, Oral  
Surgery, 2003

MD, Vanderbilt University School of Medicine, Dentistry, 2007

**Norma Solarz**

*Adjunct Instructor of Dental Practice*

BA, University of California Berkeley, Botany, 1976

DDS, University of California San Francisco, Dentistry, 1980

University of California Berkeley, MPH Epidemiology, 1990

**Sara Soleimani**

*Adjunct Instructor of Dental Practice*

**Joshua J. Solomon**

*Adjunct Assistant Professor of Pediatric Dentistry*

BS, University of the Pacific, BS Biology, 1998

DDS, University of the Pacific, Arthur A. Dugoni School of Dentistry, 2001

University of Texas, Dental Branch at Houston, Dept. of Pediatric Dentistry, Certificate in Pediatric Dentistry, 2003

MS, University of Texas, Dental Branch at Houston, Dept. of Oral Bio-Materials, Master of Science, 2003

**Sudheer J Surpure**

*Adjunct Assistant Professor of Oral and Maxillofacial Surgery*

Edmond Memorial High School, Diploma, 1990

BA, University of Oklahoma College of Arts and Sciences,  
Psychology, 1994

DDS, University of Oklahoma College of Dentistry, Dentistry,  
1999

MD, Vanderbilt University School of Medicine, 2002

Vanderbilt Medical Center Department of General Surgery, 2003

Vanderbilt Medical Center Department of Surgery, Division of  
OMFS, 2005

Grant Hospital & the Ohio State University Medical Center under  
the direction of Dr. T. William Evans, Facial Cosmetic Surgery,  
2009

**T**

**Ariane Terlet**

*Adjunct Instructor of Dental Practice*

BA, UC Berkeley, 1980

DDS, University of the Pacific , 1986

**Yogita B Thakur**

*Adjunct Assistant Professor of Pediatric Dentistry*

BDS, VYWS College & Hospital, General Dentistry, 1996

MA, University of Iowa, Dental Public Health, 2002

MS, UCSF, Certificate Pediatric Dentistry, 2010

**M. Gabrelle Thodas**

*Adjunct Assistant Professor of Orthodontics*

BS, Oregon State University, Biology, 1972

DDS, University of the Pacific, General Dentistry, 1977

MSD, University of the Pacific, Orthodontics, 1995



**Douglas B. Tinloy**

*Adjunct Assistant Professor of Orthodontics*

University of California, Berkeley, 1969

San Francisco State University, 1970

University of California, San Francisco, Pharmacy Degree, 1974

BS, University of California, San Francisco, Dental Sciences, 1978

DDS, University of California, San Francisco, 1978

University of California, San Francisco, Certificate/ Orthodontics,  
1980

**Brigid W Trent**

*Adjunct Assistant Professor of Pediatric Dentistry*

BA, Marquette University, Physiology, Spanish, 2002

DDS, University of Illinois, Dentistry, 2006

DDS, VA Medical Center, SF, General Practice Residency, 2009

Childrens Memorial Hospital, Pediatric Dentistry, 2011

## **V**

### **Laleh Vakili**

*Adjunct Assistant Professor of Pediatric Dentistry*

Temple University, Biology, 1994

DMD, University of Pennsylvania, Dental Medicine, 1998

University of California, San Francisco, Pediatric Dentistry, 2001

### **William Van Dyk**

*Adjunct Assistant Professor of Dental Practice*

## V

### **Willam Albert vanDyk**

*Adjunct Assistant Professor of Dental Practice*

BA, University of California, Davis, Sociology, 1969

DDS, University of the Pacific School of Dentistry, General Dentistry, 1973

## V

### **Adrian M. Vogt**

*Adjunct Assistant Professor of Orthodontics*

BS, University of Western Ontario, Pharmacology & Toxicology, 1988

DDS, University of the Pacific School of Dentistry, General Dentistry, 1992

MSD, University of the Pacific School of Dentistry, Orthodontics, 1994

University of the Pacific School of Dentistry, Certificate in  
Orthodontics, 1994

## **W**

### **Stephen Takashi Gong Wat**

*Adjunct Instructor of Oral and Maxillofacial Surgery*

BS, University of California, Los Angeles, California,  
Microbiology, Immunology, and Molecular Genetics, 2003

University of Washington, Harborview Hospital - observer,  
Observer, 2004

Highland General Hospital, Oakland, California, Attended grand  
rounds, 2004

LSU Health Sciences Center, Charity Hospital, 2005

University Medical Center, Fresno, California, 2005

DDS, University of Pacific, Arthur A. Dugoni School of Dentistry,  
San Francisco, California, 2006

### **Bruce L. Whitcher**

*Adjunct Associate Professor of Oral and Maxillofacial Surgery*

AB, Stanford University, Stanford, CA, English Literature, 1977

DDS, UCSF School of Dentistry, San Francisco, CA, Dentistry, 1981

UCSF School of Dentistry, San Francisco, CA, General Practice Resident, 1982

Harbor UCLA Medical Center, Los Angeles, CA, Oral & Maxillofacial Surgery, 1985

Glan Clwyd Hospital, Rhyl, North Wales, United Kingdom, Senior House Officer, 1986

**Dustin Mark Wirig**

*Adjunct Assistant Professor of Endodontics*

BS, Brigham Young University, Zoology, 2001

DDS, University of the Pacific School of Dentistry, Doctorate of Dental Surgery (with honors), 2005

University of Colorado Health Sciences Center, General Practice Residency, IV Sedation, Emergency, 2006

MS, Case Western Reserve University, Endodontic Certificate,  
2008

**Colin Wong**

*Adjunct Professor of Dental Practice*

BA, University of California, Berkeley, Microbiology, 1961

DDS, University of the Pacific Arthur A. Dugoni School of  
Dentistry, General Dentistry, 1965

**Eric C. Wu**

*Adjunct Assistant Professor of Orthodontics*

BS, Revelle College, University of California San Diego,  
Biochemistry/Cell Biology, 1995

DMD, University of Pennsylvania, School of Dental Medicine,  
2000

University of California Los Angeles, Advanced Education in  
General Dentistry, 2001

Katz Graduate School of Business, University of Pittsburgh, MBA  
Certificate program, 2004

University of Pittsburgh, Orthodontics and Dentofacial  
Orthopedics, 2005

## **Y**

### **Bobby Yang**

*Adjunct Assistant Professor of Pediatric Dentistry*

BS, University of Arizona, Health Sciences, 1998

DDS, University of the Pacific School of Dentistry, 2003

Children's Hospital of Wisconsin, Pediatric Dentistry, 2005

### **Andrew Young**

*Adjunct Assistant Professor of Dental Practice*

BA, University of California Berkeley, Molecular and Cell Biology,  
2001

DDS, University of California San Francisco, Dentistry, 2005

Department of Veterans Affairs, General Practice Dentistry, 2006

UCSF Pain Management Center (remote), Post Graduate Pain Management, 2008

University of Medicine and Dentistry, New Jersey, Orofacial Pain Fellowship, 2008

MSD, University of Medicine and Dentistry, New Jersey, Orofacial Pain Masters, 2009

## **Z**

**Eric S. Zaremski**

*Adjunct Instructor of Dental Practice*

UC Berkeley, 1981

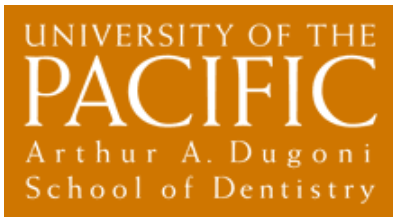
DDS, University of the Pacific, Dentistry, 1999



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## School Catalog

### Professional and Fraternal Organizations

Social, fraternal, and professional organization memberships are open to all students in the doctoral program. Opportunities to establish associations that will endure throughout graduates' lifetimes are described below.

#### **ASSOCIATED STUDENTS**

The Associated Student Body of the University of the Pacific, Arthur A. Dugoni School of Dentistry is composed of all 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. Students are represented on the following school committees: Curriculum; Library; Faculty Appointment, Promotion, and Tenure; Student Appeals; Ethics; Museum; Postgraduate Studies; Safety; Store; Student Clinic Advisory; Infection Control; Clinical Quality Assurance; Educational and Information Technology Advisory; and Academic Advisory.

#### **DUGONI SCHOOL OF DENTISTRY ALUMNI ASSOCIATION**

The Alumni Association of the University of the Pacific, Arthur A. Dugoni School of Dentistry, has two membership categories:

1. Alumni members — all graduates of the dental school; and
2. Associate members — dentists who graduated from other schools and who join the Association.

The Alumni Association is highly effective in its efforts to improve dental education, and expand the horizons of the profession of dentistry. Its mission is to foster lifelong relationships among its members and with the School. The institution, its excellent reputation and its unequalled physical facilities are the direct result of unswerving loyalty and active support of its alumni and the Alumni Association. The Association's interest in the total University program is further demonstrated by dental school representation on the Board of Directors of the Alumni Association.

Through a student-alumni committee, the Association sponsors social and educational events throughout the year and assists student participation in organized intra- and extramural events such as the city softball league, Bay to Breakers race, and various golf, basketball, and softball tournaments.

#### **Officers**

Eugene T. Santucci, Associate  
*President*

Suzanne Saidi '91  
*President-Elect*

Artemiz Seif-Adkins '04  
*Vice President*

Nader A. Nadershahi '94  
*Treasurer*

William A. van Dyk '73  
*Secretary*

Arthur A. Dugoni '48

*Dean Emeritus*

David B. Nielsen '67  
*Executive Director*

**Board Members**

Alan W. Budenz, Associate  
Jeffrey J. Bueno '90  
Daniel M. Castagna '81  
Shahrazad Dehdari '95  
Bella A. Doshi '95  
David Ehsan '95  
Kimberly A. Fanelli '06 DH  
Robert D. France '74B  
Richard J. Garcia, Associate  
Parag R. Kachalia '01  
Natasha A. Lee '00  
Peter C. Liu '89  
Bonnie J. Morehead '79  
Leon C. Nelson '60  
Cheri Howell Reynolds, Associate  
Bertrand D. Rouleau '82 Ortho  
Mary M. Turoff '77  
Magnus K. Yang '09/'10 AEGD

**Student Representatives**

Harold C. Henderson '13  
Daniel McFarland '14  
Pushpinder Sethi '13 IDS

**Ex-Officio**

Patrick J. Ferrillo, Jr., Associate  
*Dean*  
Mr. Jeff Rhode  
*Associate Dean for Development*

**PDF Representative**

Stephen C. Rose '79  
*PDF President*

**Staff**

Ms. Joanne Fox  
*Assistant Director*  
Ms. Nell Herbert  
*Administrative Assistant*  
Ms. Andrea Woodson  
*Coordinator*

**PACIFIC DUGONI FOUNDATION**

The Pacific Dugoni Foundation (PDF) is a group of volunteers working closely with the Dean and the development team to promote philanthropy at the School of Dentistry. The mission of the Foundation is to ensure that the University of the Pacific, Arthur A. Dugoni School of Dentistry has the resources it needs to realize its visions and goals.

The Foundation shares the school's commitment to excellence and measures success by the joy it brings to donors, by the funds it raises, by the

fundraising programs it initiates, and by the continuing recruitment and retention of new, effective board members.

### **Pacific Dugoni Board**

Dr. Brian Adams, '02  
Dr. Braden Beck, '71  
Dr. Edmond Bedrossian, '86  
Dr. Gerald L. Bittner, Jr. '85  
Dr. Susan A. Bittner, '74A  
Dr. Joseph Bronzini, '66  
Dr. Elisa Campbell '84  
Dr. Michael Campbell '79  
Mr. Michael P. Carroll  
Dr. Arthur A. Dugoni, '48, Dean Emeritus  
Dr. Joseph Errante, '80  
Dr. Nava Fathi '95  
Dr. Patrick Ferrillo, Jr., Dean  
Dr. Michael L. Fox, '82  
Dr. Stephen Hannon  
Dr. Scott T. Jacks, '74B  
Ms. Bonnie Jean Kwong  
Dr. Catherine A. Lambetecchio, '87  
Dr. Jill Lasky, '98  
Dr. Michael Lasky, '95  
Dr. Scott Milliken, '87  
Mr. Gary Mitchell, President  
Dr. W. Ron Redmond, '66  
Dr. Martyn F. Rosa, '65  
Dr. Stephen C. Rose, '79  
Mr. Dave Rosselli, PDF Executive Director  
Dr. Daniel Tanita, '73, Immediate Past President  
Dr. Gabby Thodas '77  
Mr. Steven E. Turet  
Dr. Gary Weiner, '66  
Dr. Colin Wong, '65

### **Ex Officio**

Dr. Ariane Terlet '86  
Dr. Craig S. Yarborough '80

### **NATIONAL DENTAL FRATERNITIES**

Two chapters of national dental fraternities are active at the School of Dentistry: Alpha Omega and Delta Sigma Delta.

### **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 dental students were the first in California to avail themselves of the student membership category offered by the California Dental Association. Modest annual dues provide each student member with CDA publications, access to CDA meetings without charge, and other benefits.

### **AMERICAN DENTAL EDUCATION ASSOCIATION (ADEA)**

The Council of Students is one of several councils of ADEA. The school's elected representatives to the council participate in the ADEA annual session and regional meetings. The Council of Students has an administrative board consisting of a vice president who serves on the ADEA executive committee,

and a chair, vice chair, secretary, and member-at-large. The council elects several student delegates who have full voting privileges in the ADEA House of Delegates.

### **PHI KAPPA PHI**

Each year DDS and IDS students who demonstrate the highest academic achievement are inducted into Phi Kappa Phi, a national multi-disciplinary honor society.

### **OMICRON KAPPA UPSILON**

The Delta Delta chapter of the national dental honor fraternity, Omicron Kappa Upsilon, was organized at the dental school 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 DDS and IDS classes, selected by a faculty vote on the basis of scholarship and character.

### **TAU KAPPA OMEGA**

In 1927, the 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 basis of ideals and scholarship.

### **SCOPE (STUDENT COMMUNITY OUTREACH FOR PUBLIC EDUCATION)**

The Student Community Outreach for Public Education program (SCOPE) is a student-directed organization at the School of Dentistry with a focus on community oral health. Created in 1994 by students and a faculty mentor, the program's mission is to engage and involve students and faculty in volunteer oral health projects directed toward community needs. Today SCOPE exemplifies one of the school's six major Strategic Directives: to develop professionals committed to improving the health of all people.

Leadership development is emphasized in the SCOPE program. Students take an active role in selecting, sponsoring and/or participating in health projects such as screenings, presentations and educational sessions for children, families and senior citizens in the Bay Area. SCOPE also helps foster a sense of community health awareness and civic pride in Pacific dental students, a characteristic that will follow them through graduation into private practice. Throughout the year, students, faculty, and staff volunteer their time and talent at numerous health fairs, senior centers, elementary and non-profit agencies and sponsor the annual Senior Smile Day at the school.

### **STUDENT RESEARCH GROUP**

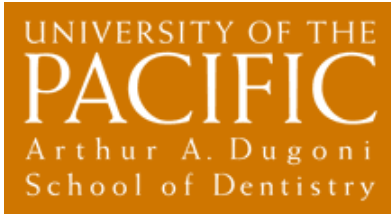
The Student Research Group (SRG) works to enhance the research culture at the school, and organizes an annual meeting where faculty members introduce their research projects to interested students. The SRG is a chapter of the National Student Research Group (NSRG)/American Association for Dental Research (AADR) and the International Association for Dental Research (IADR). Group members are encouraged to attend the NSRG meeting at the annual AADR meeting, and to meet DDS student researchers from other dental schools. A member of the student group also represents Pacific each year at the ADA-sponsored annual dental student conference on research in the Washington DC area.

*July 2012*

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# School Catalog

## Awards

The following awards and prizes are presented annually at the Graduate Alumni Association banquet honoring the graduating classes. A detailed description of each award, including selection criteria, is available in the Office of Academic Affairs.

### **SCHOLARSHIP**

Alpha Omega International Dental Fraternity award  
Dean's Valedictorian awards (DDS, IDS)  
Dean's Salutatorian awards (DDS, IDS)  
Dean's Award  
Excellence in Anatomy award  
Excellence in Biochemistry award  
Excellence in General Pathology award  
Excellence in Implants award  
Excellence in Microbiology award  
Excellence in Oral Surgery award  
Excellence in Oral Diagnosis award  
Inesi Award in Physiology  
OKU Clinical Excellence awards

### **LEADERSHIP, PROFESSIONALISM, SCHOLARSHIP AND SERVICE**

Abelson Endowment award  
Academy of Dentistry for Person's with Disabilities award  
Academy of Dentistry International award  
Academy of General Dentistry award  
Alpha Omega Dental Fraternity, Bay Area Alumni award  
American Academy of Craniofacial Pain award  
American College of Dentists, Northern California Section award  
ASDA Award of Excellence  
Thomas R. Bales Family Endowment Good Samaritan Award  
Community Service awards  
California Dental Association awards  
Delta Dental Plan of California Student Leadership award  
Deric Desmarteau Endowment award  
Kevin Campbell Alumni Association Service award  
F. Gene and Rosemary Dixon IDS Endowment award  
CHIPS Editor awards  
Pierre Fauchard Academy awards  
William W.Y. Goon/OKU award  
International College of Dentists Student Leadership award

Phi Kappa Phi Honor Society  
San Francisco Dental Society Ethics award  
Charles, Charles Jr. and Joe Sweet Scholarship awards (for pediatric dentistry)  
Frederick T. West Leadership awards  
Herbert K. Yee Scholarship awards

## **OUTSTANDING PERFORMANCE**

Academy of Osseointegration award  
AEGD Outstanding Resident (Stockton and Union City)  
Eric B. Bystrom Memorial award  
Academy of Operative Dentistry award  
American Academy of Implant Dentistry award  
American Academy of Oral and Maxillofacial Radiology award  
American Academy of Oral Medicine award  
American Academy of Oral and Maxillofacial Pathology award  
American Academy of Orofacial Pain award  
American Academy of Esthetic Dentistry  
American Academy of Pediatric Dentistry  
American Academy of Periodontology award  
American Association of Endodontics award  
American Association of Oral and Maxillofacial Surgeons awards  
American Association of Oral Biologists award  
American Association of Orthodontics award  
American Association of Public Health Dentistry award  
American Dental Society of Anesthesiology award  
American Equilibration Society award  
California Association of Oral and Maxillofacial Surgeons award  
Carmax Laboratories award  
Dentsply/ADA Student Research Program  
Charles A. Ertola award (for removable prosthodontics)  
Thomas B. Hartzell award (for periodontics)  
Hinman Symposium award  
International Congress of Oral Implantologist award  
Lasky Family Endowment Pediatric awards  
Northern California Academy of Endodontics award  
Oral and Maxillofacial Pathology award  
Oral Surgery Outstanding Resident  
Quintessence Publishing Co., Inc. awards (one each for research achievement, periodontics, and restorative dentistry)  
Warren Family Endowment award (for pediatric dentistry)  
Western Society of Periodontology  
Who's Who award

## **GRADUATION HONORS**

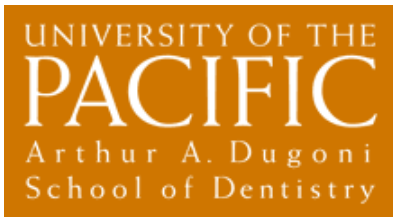
Upon recommendation of the Student Academic Performance and Promotion Committee, students who complete the requirements for graduation and whose academic record qualifies them for election to Tau Kappa Omega are graduated with honors. Those who complete graduation requirements and whose record qualifies them for election to Omicron Kappa Upsilon are graduated with high honors. The valedictorian is graduated with highest honors.

*June 2012*

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## School Catalog

### University of the Pacific Campuses, Regents and Officers

#### **SAN FRANCISCO CAMPUS**

*Arthur A. Dugoni School of Dentistry  
2155 Webster Street, San Francisco, CA 94115  
415.929-6400  
[www.dental.pacific.edu](http://www.dental.pacific.edu)*

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. In 2004 the school was renamed the Arthur A. Dugoni School of Dentistry by the University's Board of Regents. In July 2006 President DeRosa appointed Dr. Patrick J. Ferrillo, Jr. to the deanship.

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 Stockton provide advanced students with opportunities to work in an environment that resembles private practice.

The division of International Dental Studies provides a program in which foreign dental graduates earn the United States dental degree. The IDS program, initiated in 1987, has allowed its graduates to continue their education in dental specialties or to return to practice their profession in their homelands.

An Advanced Education in General Dentistry (AEGD) program, started in 1990, provides a year-long educational program at two sites. A certificate program in oral and maxillofacial surgery was begun in 2001 and a baccalaureate degree program in dental hygiene was initiated in 2002.

#### **Telephone Numbers**

Admissions Office: 415.929.6491  
Registrar (Academic Affairs): 415.929.6436 or 415.929.6437  
IDS Program 415.929.6688  
AEGD Program 415.929.6677  
Financial Aid 415.929.6452  
Orthodontics 415.929.6555

#### **STOCKTON CAMPUS**

*University of the Pacific  
3601 Pacific Avenue, Stockton, CA 95211  
209.946.2011  
[www.pacific.edu](http://www.pacific.edu)*

Established in 1851 as the first chartered institution of higher education in the state of California, University of the Pacific is an independent university with a tradition of putting students first. With a core liberal arts college, eight professional schools and a graduate school, Pacific enrolls nearly 7,000



students on its three Northern California campuses. The university offers bachelor's, master's, and doctoral degrees in more than 80 programs. Students can participate in more than 125 student organizations as well as NCAA Division I intercollegiate athletics, and can take advantage of extensive opportunities for learning outside the classroom, including internships, clinical placements, and volunteer service.

More than 5,000 students attend the main campus in Stockton, which features traditional brick and ivy-covered buildings on 169 beautifully landscaped acres along the Calaveras River. The San Francisco campus, which serves just over 500 students and residents, is home to the Arthur A. Dugoni School of Dentistry, widely regarded as one of the nation's finest dental schools. Some 1,000 students attend Pacific McGeorge School of Law in Sacramento, a recognized leader in legal education, scholarship, and service.

As a pioneer in education, University of Pacific provides a superior, highly personalized, student-centered learning experience integrating liberal arts and professional education, preparing students for lasting achievement and responsible leadership in their careers and communities.

## **SACRAMENTO CAMPUS**

*University of the Pacific, McGeorge School of Law*  
3200 Fifth Avenue, Sacramento, CA 95817  
916.739.7191  
[www.mcgeorge.edu](http://www.mcgeorge.edu)

McGeorge School of Law, an independent law school founded in 1924, merged with the University as its School of Law in 1966. The school occupies a 13-acre campus devoted exclusively to legal training. Its 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. Pacific McGeorge operates both full- and part-time divisions leading to a Juris Doctorate as well as five LL.M. (master of law) programs.

### **University Officers**

Pamela A. Eibeck, President  
Maria Pallavacini, Provost  
Patrick D. Cavanaugh, Vice President for Business and Finance  
Janet Dial, Interim Vice President for Development  
Ted Leland, Vice President for External Relations and Director of Intercollegiate Athletics  
Elizabeth Griego, Vice President for Student Life  
Mary Lou Lackey, Vice President and Secretary to the Board of Regents

### **Pacific Board of Regents**

Sigmund Abelson, Dental Administrator and Professor, University of Southern California  
Fawzi M. Al-Saleh, President, Musaad Al-Saleh & Sons  
Ron Berberian, Chairman and Owner Bank of Agriculture and Commerce  
Connie M. Callahan, Judge, U.S. Ninth Circuit Court of Appeals  
Tony Chan, Pharmacist  
Ronald D. Cordes, Co-Chair of Genworth Financial Wealth Management  
Robert J. Corkern, Klein Family Farms (Vice Chair)  
Pamela A. Eibeck, President, University of the Pacific  
Douglass M. Eberhardt, President, Bank of Stockton  
Morrison C. England, Jr., U.S. District Court Judge (Secretary)  
Noël Ferris, Attorney  
Richard H. Fleming, Executive Vice President and CFO, USG Corporation, retired  
Armando Flores, Director of Community Relations, Arizona State University Baseball  
Randall T. Hayashi, Dentist  
José Hernández, former NASA Astronaut  
Kevin Huber, President and CEO, Grupe Commercial Company  
Kathy L. Janssen, President, ACE Tomato (Chair)  
Larry Leasure, Developer, White-Leasure Development Corporation  
Steven Leer, Chairman and CEO, Arch Coal, Inc.  
Jim Mair, President and CEO, South Bay Development Company (Treasurer)  
Diane Miller, President, Wilcox, Miller & Nelson  
Gary Mitchell, President of Mitchell & Mitchell Insurance

Hayne R. Moyer, Attorney  
Fredric Nelson, Attorney  
Dianne Philibosian, Professor, California State University, Northridge  
Jeannette Powell, Robert C. Powell Companies  
Walter Robb, Co-President and COO, Whole Foods Market  
Barry L. Ruhl, Real estate developer  
Lori Best Sawdon, Pastor  
Susanne Stirling, Vice President for International Affairs, California Chamber of Commerce  
Naka Ushijima, Chair and CEO of Susquehanna Corporation, Japan

**Emeritus Members**

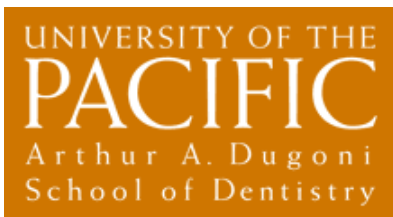
Paul L. Davies, Jr., 1959-1990  
Robert M. Long, 1981-1995  
Alex G. Spanos, 1971-1982  
Edward W. Westgate, 1967-1996

*July 2012*

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# School Catalog

## Policies in Compliance with the Law

### **EQUAL EDUCATIONAL OPPORTUNITY**

#### **General**

The school is an equal opportunity institution of higher learning and is firmly committed to nondiscrimination in its delivery of educational services and employment practices. In compliance with all applicable federal and state laws, such decisions will be made irrespective of the individual's race, color, religion, religious creed, ancestry, national origin, age (except for minors), sex, marital status, citizenship status, military service status, sexual orientation, medical condition (cancer-related or genetic condition), disability and/or any other status protected by law. When necessary, the School will reasonably accommodate an individual (including students) with disabilities if the educational program of the school and /or safely perform all essential functions, without undue hardship to the school and/or without altering fundamental aspects of its educational program.

#### **Policy on Accommodations for Students with Disabilities**

The School grants otherwise qualified students, residents, and applicants all the rights, privileges, programs, and activities generally accorded or made available to students at the School and does not discriminate on the grounds listed in the Policy Prohibiting Unlawful Discrimination in the administration of its educational programs, admissions, scholarships and loans, or other School activities.

The School will reasonably accommodate individuals with disabilities when the individual so presents a request in accordance with this policy and the individual is qualified to safely and effectively perform all essential functions of the position unless there is undue hardship in doing so. Reasonable accommodations do not include a modification of the fundamental requirements and elements of the program (e.g. behavior and conduct standards, attendance and grading policies, academic and patient-care standards, etc.)

If the individual student, resident, or applicant is otherwise qualified, in response to a request for accommodation the School will offer to make an accommodation if the accommodation is reasonable, effective, does not alter a fundamental aspect of the program, will not otherwise impose an undue hardship on the School, and/or there are no equivalent alternatives. If appropriate, the School may choose to consult with such individuals, internal or external to the School, to provide further assistance needed to evaluate the request for accommodation.

For purposes of reasonable accommodation, a student, resident, or applicant with a disability is a person who: (a) has a physical or mental impairment which limits one or more major life activities (such as walking, seeing, speaking, learning, or working); or (b) has a record with the School by which the School has officially recognized such impairment. To be eligible to continue at the School, the student, resident, or applicant must meet the qualifications and requirements expected generally of its students, and must also be able to perform the requirements of the individual major or program in which s/he is enrolled, with or without reasonable accommodation.

Note: In the event that a request for reasonable accommodation is denied, the School may occasionally choose to afford the student some temporary measure or flexibility, which is not based on the asserted disability issue, but which otherwise is considered appropriate, if it does not alter a fundamental element of the program and is not viewed by the School as inequitable toward other students. In such few cases, such temporary measure or flexibility will not be a precedent, nor will be a reasonable accommodation, and the student thereby will not be regarded as an individual with a disability.

#### **Procedure for Seeking Accommodations**

A student, resident, or applicant who requires an accommodation aid or assistance ("accommodations"), whether for academic or other uses, and who believes s/he is qualified under the School's policy, should contact the Assistant Dean of Academic Affairs, who serves as coordinator of disability accommodations and services. Individuals who may apply for admission are also encouraged to contact this office to request general information.

Faculty and staff members who receive student-initiated inquiries or requests regarding accommodations should promptly refer those students to the Assistant Dean of Academic Affairs. Accommodation determinations should not be made without consultation and written determination of the assistant dean.

Students and residents who seek academic accommodations are expected to contact the Assistant Dean of Academic Affairs well in advance of the commencement of the activity course(s), and to provide all requested supporting information at least three weeks in advance of the requested implementation date, using the forms available for that purpose in the Office of Academic Affairs.

### **Determination of Accommodation Requests and Right to Obtain Further Review:**

Provided that all forms and other documentation, if necessary, are completed accurately and furnished by the student, resident, or applicant in a timely fashion, the Assistant Dean of Academic Affairs will respond in writing to the request for accommodation and will do so in a manner consistent with the policy. If the student, resident, or applicant agrees with the response, faculty and staff members who will be involved in providing or facilitating the accommodation will be informed of the accommodation, but the Assistant Dean of Academic Affairs will not provide medical or health-related information, unless such information is appropriate in order to allow them to assist in implementing the accommodation.

### **Responsibility of Student, Resident, or Applicant**

Each student, resident, or applicant requesting accommodation bears the responsibility for initiating, documenting and communicating promptly with the School regarding a disability-related request for accommodation, in the manner requested in this policy. Timely communication between the student and the Assistant Dean of Academic Affairs and/or individual faculty members is critical. Requests for information and details on accommodations will generally be communicated via confidential email, and student, resident, or applicant replies to such communications, be they from the director or a faculty member, should be in writing within 72 hours. Students must contact course directors at least one week in advance of an assessment for which accommodation is requested. Once an accommodation has been agreed upon by the student or resident and a faculty member, the student or resident must adhere to the accommodation, barring a significant and unforeseen event (e.g., sudden serious illness). Last minute requests for or cancellations of previously agreed upon accommodations are prohibited by this policy. Furthermore, a student or resident who appears late for an assessment for which accommodations have been arranged forfeits the time lost due to tardiness.

The School's forms should be used and the student, resident, or applicant will provide to the Assistant Dean of Academic Affairs the documentation to support the request. Documentation from the appropriate health professional(s) should reflect the nature of and present level of disability, how the disability affects the student's, resident's or applicant's needs in a collegiate setting, and how the requested accommodation will resolve the needs. Because the provision of all reasonable accommodations and services is based upon assessment of the current impact of the disability on current academic performance, it is in an individual's best interest to provide recent and appropriate documentation, generally no more than 3 years old. Earlier documentation regarding learning disabilities will be reviewed, if it is supplemented by more recent materials.

The Assistant Dean of Academic Affairs has discretion to determine what type of professional documentation is necessary, and this may vary depending on the nature of the disability and/or accommodation. The assistant dean has discretion to seek independent medical assessment if in his/her judgment it is appropriate in some circumstances.

### **Family Educational Rights and Privacy Act (FERPA)**

Please see <http://web.pacific.edu/About-Pacific/AdministrationOffices/Office-of-the-Registrar/Student-Privacy--FERPA.html>.

### **See also:**

For all other school policies, including Workplace Security and Anti-Violence and Prohibited Sexual and Other Unlawful Harrassment, please refer to the Policies and Procedures page.

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