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2004/2006 University of the Pacific Arthur A. Dugoni School of Dentistry Catalog

University of the Pacific

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WEBSTER

2004
2006

UNIVERSITY OF THE PACIFIC
Arthur A. Dugoni School of Dentistry

The Dean

Truly unique to Pacific is the support that faculty provide their young colleagues. Graduation is only a milestone in a lifelong commitment that Pacific has to its family of dental professionals. The school is prepared to provide help in locating residency programs, associateships, and other practice opportunities for the recent graduate. Pacific maintains a strong history of alumni who give impetus to new graduates to succeed in their professional endeavors. Accentuating the positive, respecting the individual, and empowering our dedicated faculty to provide the best possible learning environment for every dental student are among our primary goals. This dental school is committed to excellence in education, research, and service and to respond to students' needs in their pursuit of knowledge and professional skills.



Students are prepared for general practice by strong emphasis on repeated performance of high quality and practical dental treatment in state-of-the-art facilities. Virtually all dentistry is provided for a patient by a single student, with thorough diagnosis and treatment planning, treatment in a logical sequence, and follow up. Under the direction of faculty and group practice administrators, students apply in the clinic what they have learned in the classroom. They are responsible for business management of their assigned patients including case presentation, financial arrangements, third-party billing procedures, and accounts receivable. Scheduling, time management, and the necessity for productive practice habits are part of students' daily routines. Graduates today must also be prepared to be chief executive officers of a business with all the know-how and skills of a corporate leader. Students are provided a strong practice management curriculum, including the basics of communication skills, practice promotion, business theory, and practice.

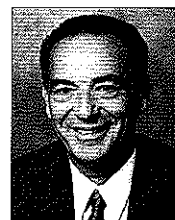
Dentists provide an ever-widening range of services, broadening their scope of care to the elderly, home-bound, disabled, and disadvantaged populations. The University of the Pacific School of Dentistry offers the only four-academic-year dental degree program in the United States that can be completed in three years. Since 1973, this continuous learning program has prepared students for general practice as well as for entry to graduate specialty programs. Curriculum modifications are initiated annually to prepare our graduates to respond to changing disease patterns, scientific advances, modern technology, and to assume expanded roles as health care professionals in the 21st century.

Arthur A. Dugoni

Arthur A. Dugoni, DDS, MSD
Dean, School of Dentistry
Professor of Orthodontics

The President

Welcome to the University of the Pacific, California's first chartered university. Since its founding in 1851, Pacific has earned widespread recognition for its student-centered approach to education, its many firsts and innovations, and the accomplishments of more than 50,000 living alumni. A national doctoral university, Pacific is recognized for an education combining exceptional professional preparation in a student-centered tradition of close interactions between students and professors. We are proud to offer opportunities associated with far larger institutions in the environment of a small and intimate learning community.



Students at the University of the Pacific's School of Dentistry benefit from a humanistic orientation that treats each student with dignity and respect. Dean Arthur A. Dugoni, one of the most acclaimed dental educators in the world, and the dental faculty lead a program that acknowledges the importance of educating the whole person. At Pacific, you can expect to be academically challenged and given the tools that ensure success.

I am enormously proud of the accomplishments of our students, faculty and graduates and encourage you to consider being a part of this extraordinary dental community.

Donald V. DeRosa

Donald V. DeRosa, PhD
President
University of the Pacific

C O N T E N T S

Salary and Employment Information

To the best of our knowledge, all licensed graduates of the class of 2003 seeking employment in dentistry found placement upon obtaining licensure.

The American Dental Association's Bureau of Economic and Behavioral Research's Survey of Dental Practice indicates that the mean net income from primary practice for all independent dentists was \$183,050 in 2000.

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.

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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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 amalgamated with the University of the Pacific.
- In 1967 an eight story building was completed for functional teaching of clinical dentistry and to conduct dental research. Equipment and facilities are constantly updated, setting the pace for new and better methods of dental care delivery.
- 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 2004 the university renamed the dental school in honor of its long-standing dean, Dr. Arthur A. Dugoni.

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. 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 138 residents in 66 apartments and provides a contemporary dental technical laboratory, a physical fitness center, and study rooms for use by residents.

In July 2003 a new Health Science Center was opened on the Stockton campus combining facilities for dentistry, dental hygiene, physical therapy, and speech pathology.

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.

Mission Statement

The mission of the School of Dentistry is to:

1. Educate individuals who, upon completion of the program, will be professionally competent to provide quality dental care in an evolving profession.
2. Provide patient-centered, comprehensive, quality care in an efficient clinical model that demonstrates the highest standards of service achievable.
3. Conduct research and disseminate findings that promote the scientific practice of dentistry.
4. Assist dental professionals with their diverse needs for continuous professional growth through information, formal advanced training, and other services.

The school as a community, its members, and its graduates will be distinguished by the following attributes:

- Continuous enhancement through professional development.
- Humanistic values that respect the dignity of each individual and foster the potential for growth in all of us.
- Application of theory and data for continuous improvement.
- Leadership in addressing the challenges facing the profession of dentistry, education, and our communities.

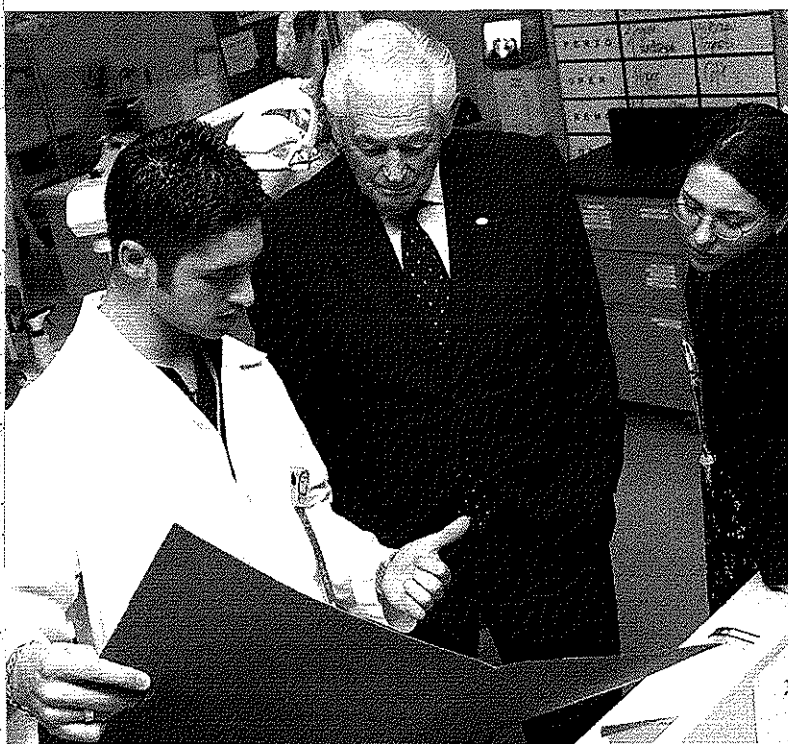
Clinic Mission Statement

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 assist faculty, staff, and students in focusing on the delivery of excellent patient care. Simply, it places patient care ahead of teaching. We will always strive for both 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, communicative, engaged, focused, and adaptable. 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. Finally, the educational environment will be intellectually stimulating, progressive in scope, outcomes-focused, and competency-based.



Curriculum

Basic biomedical, preclinical, and clinical arts and science subjects are combined with applied behavioral sciences in a program that prepares graduates to provide excellent quality dental care to the public and to enter a changing world that will require them to supplement and adapt existing knowledge and skills. The 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 this professional curriculum. Biomedical science instruction in anatomy, biochemistry, physiology, pharmacology, and microbiology is offered in 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. During the final year, students learn application of basic sciences to biomedical problems of dentistry 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 state-of-the-art preclinical simulation laboratory and with a chairside 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 that 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’ treatment, consultation, and referral for specialty care. Second-year students practice clinical dentistry fifteen hours per week, learning to provide comprehensive dental care under direction of group practice administrators and multidisciplinary faculty from diagnostic sciences, periodontics, operative dentistry, endodontics, orthodontics, and fixed and removable prosthodontics.

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

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 throughout the Bay Area and beyond, and include hospitals, community clinics, and skilled nursing facilities. Pacific currently has affiliations with 24 clinics, a figure expected to grow in the future. At extramural clinic sites students are taught by Pacific faculty in conditions that more closely mirror private practice. Students typically treat from 4-6 patients during the course of a day. Rotations at these sites occur at a number of different times, including weekdays during the aca-

demical 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. Every student will have the opportunity to participate in patient care in at least one extramural site during their enrollment.

Behavioral science aspects of human resource and practice management, ethics and personal productivity, and dental jurisprudence are presented 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.

Units of Credit

One unit of credit is assigned for ten hours of lecture or seminar, twenty hours of laboratory or clinic, or thirty hours of independent study per week. 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 clinical rotations. Units of credit are assigned in the comprehensive care clinical disciplines in proportion to time students provide specific types of care for assigned patients.

Humanistic Education at Pacific

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

Thirty-Six Month Doctoral Program Overview (DDS)

- = Clinically Oriented Course — for the first year
 ■ = Clinics — for the second and third year

First Year

QUARTER 1

	8	9	10	11	12	1	2	3	4	5
M			Orientation to the Clinical Practice of General Dentistry				Orient to Clin Prac. of Gen Dentistry	Intro. to Computers in Dentistry		
T		Dental Anatomy				Gross Anatomy				
W		Fundamentals of Restorative Dentistry					Bio- chemistry	Histology		
Th		Preclinical Operative Dentistry				Preclinical Operative Dentistry				
F		Bio- chemistry	Histology			Gross Anatomy				

QUARTER 2

	8	9	10	11	12	1	2	3	4	5	
M		Orientation to the Clinical Practice of General Dentistry				Bio-chemistry	Orientation to the Clinical Practice of General Dentistry		Cariology		
T		Dental Anatomy					Gross Anatomy		Gross Anatomy Seminar		
W		Preclinical Fixed Prosthodontics					Preclinical Fixed Prosthodontics				
Th		Preclinical Operative Dentistry					Histology	Preclinical Operative Dentistry			
F		Histology				Bio-chemistry					

Second Year

QUARTER 5

	8	9	10	11	12	1	2	3	4	5
M		General Pathology Indep. study, seminar, laboratory				General Pathology	Clinical Practice (Quarters 5 through 8), including: Dental Radiol. & Screening 40 hrs Oral & MF Surgery Assisting 24 Periodontal Surgery Assisting 15 Transitional Fixed Prosth. 22 Local Anesthesia 03			
T	Pediatric Dentistry	General Pathology Indep. study, seminar, laboratory				Periodontics				
W	Oral Radiographic Interpretation	Microbiology Laboratory				Microbiology				
Th	Orthodontics	General Pathology Indep. study, seminar, laboratory				Microbiology				
F	Preclinical Removable Prosthodontics					Preclinical Removable Prosthodontics				

QUARTER 6

	8	9	10	11	12	1	2	3	4	5
M		General Pathology Indep. study, seminar (6 weeks)				Pharmacology	Clinical Practice (Quarters 5 through 8), including: Dental Radiol. & Screening 40 hrs Ped. Dent. & Dent. Aux Util 30 Oral & MF Surgery Assisting 24 Periodontal Surgery Assisting 15 Transitional Fixed Prosth. 22			
T	Pediatric Dentistry	General Pathology Indep. study, seminar (6 weeks)				Periodontics				
W		General Pathology Indep. study, seminar (6 weeks)								
Th	Ethics/ Pain					Pharmacology				
F	Preclinical Removable Prosthodontics					Preclinical Removable Prosthodontics				

Third Year

QUARTER 9

	8	9	10	11	12	1	2	3	4	5
M		Complex Needs	Clinical Sciences			Clinical Practice (Quarters 9 through 12), including: Clinical Case Presentation 50 hrs Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Ped. Dent. & Dent. Aux Util 37 Applied Orthodontics 20 Facial Pain Clinic 07 Oral Medicine Clinic 04				
T	Oral Pathology	Clinical Practice								
W	Oral Pathology									
Th			Clinical Sciences							
F	Case Presentation	Clinical Practice								

QUARTER 10

	8	9	10	11	12	1	2	3	4	5
M		Complex Needs	Practice Management			Clinical Practice (Quarters 9 through 12), including: Clinical Case Presentation 50 hrs Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Ped. Dent. & Dent. Aux Util 37 Applied Orthodontics 20 Facial Pain Clinic 07 Oral Medicine Clinic 04 Local Anesthesia 03				
T	Differential Diagnosis of Oral Disease	Clinical Practice								
W	Differential Diagnosis of Oral Disease									
Th		Oral Radiographic Interpretation	Clinical Sciences							
F	Science of Dental Materials	Clinical Practice								

Quarters 9-12 Monday and Thursday evening clinics, 5:30-8:30 p.m.

Quarters 9-12 Monday and Thursday evening clinics, 5:30-8:30 p.m.

QUARTER 3

	8	9	10	11	12	1	2	3	4	5
M		Orientation to the Clinical Practice of General Dentistry					Endo-dontics	Physiology	Orientation to the Clinical Practice of General Dentistry	
T	Bio-chemistry	Dental Anatomy					Basic Disease Processes	Physiology		
W	Preclinical Fixed Prosthodontics						Preclinical Fixed Prosthodontics			
Th	Preclinical Operative Dentistry				Physiology		Preclinical Operative Dentistry			
F	Physiology	Radiology	Bio-chemistry	Human Growth and Dev						

QUARTER 4

	8	9	10	11	12	1	2	3	4	5
M		Clinical Practice of General Dentistry Practicum					Block Rotations Supplemental & selective Instruction variable Physiology Laboratory 12 hrs Dental Radiographic Technique 15 Preclinical Endodontics 30			
T		Physiology	Block Assignment Lecture series							
W	Fixed Prosthodontics	Fixed Prosthodontics Laboratory					Fixed Prosthodontics Laboratory			
Th	Radiology	Physiology	Periodontics	Microbiology		Local Anesthesia 23 Preclinical Multidisciplinary Surgery 23 Preclinical Orthodontics 18 Advanced Esthetic Dentistry 15 Preclinical Periodontics 15				
F	Orthodontics	Physiology	Microbiology		Selectives					

QUARTER 7

	8	9	10	11	12	1	2	3	4	5
M		Oral Pathology (independent study)						Clinical Practice (Quarters 5 through 8), including: Dental Radiol. & Screening 40 hrs Ped Dent & Dent Aux Util 30 Oral & MF Surgery Assisting 24 Periodontal Surgery Assisting 15 Transitional Fixed Prosth 22 Local Anesthesia 03 Ethics 30		
T	Pharmacology	Ethics					Periodontics			
W	Clinical Applications Biomed Sci	Clinical Applications of Biomedical Sciences Seminar								
Th	Occlusion	Occlusion Laboratory					Pharmacology			
F	Preclinical Removable Prosthodontics						Oral & Maxillofacial Surgery			

QUARTER 8

	8	9	10	11	12	1	2	3	4	5
M		Oral Pathology (independent study)				Endo-dontics	Clinical Practice (Quarters 5 through 8), including: Selectives 40 hrs Dental Radiol. & Screening 40 Ped Dent & Dent Aux Util 30 Oral & MF Surgery Assisting 24 Periodontal Surgery Assisting 15 Transitional Fixed Prosth 22 Pharmacology Laboratory 03 Ethics 30			
T	Implants	Ethics				Pharmacology				
W	Clinical Applications Biomed Sci	Clinical Applications of Biomedical Sciences				Pharmacology				
Th	Occlusion	Occlusion Laboratory				Pharmacology				
F					Selectives	Oral & Maxillofacial Surgery				

QUARTER 11

	8	9	10	11	12	1	2	3	4	5
M		Juris-prudence	Practice Management			Clinical Practice (Quarters 9 through 12), including: Selectives 40 hrs Clinical Case Presentation 50 Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Applied Orthodontics 20 Facial Pain Clinic 07 Oral Medicine Clinic 04 (Occlusion: 21 hrs self study)				
T	Critical Thinking	Clinical Practice								
W	Selectives									
Th		Complex Needs	Clinical Sciences							
F		Clinical Practice								

Quarters 9-12 Monday and Thursday evening clinics, 5:30-8:30 p.m.

QUARTER 12

	8	9	10	11	12	1	2	3	4	5
M		Preparation for State Licensure				Clinical Practice (Quarters 9 through 12), including: Clinical Case Presentation 50 hrs Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Applied Orthodontics 20 Facial Pain Clinic 07 Oral Medicine Clinic 04				
T		Clinical Practice								
W										
Th			Clinical Sciences							
F		Clinical Practice								

Quarters 9-12 Monday and Thursday evening clinics, 5:30-8:30 p.m.

Distribution of Instruction

Year 1

		Didactic Units	Lab/Clinic Units
Summer Quarter (1)			
AN 110	Anatomy	4	0
AN 111	Histology	3	0
BC 114	Biochemistry	2	0
DP 100	Orient to Clinical Practice of Gen Dentistry	2	0
DP 102	Introduction to Computers in Dentistry	1	0
DP 106	Orient to Clinical Practice of Gen Dentistry (lab)	0	1
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
Quarter Total:		15	8

Autumn Quarter (2)

AN 110	Anatomy	3	0
AN 111	Histology	4	0
BC 114	Biochemistry	2	0
DP 101	Orient to Clinical Practice of Gen Dentistry	2	0
DP 106	Orient to Clinical Practice of Gen Dentistry (lab)	0	2
RS 103	Cariology	1	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
Quarter Total:		17	8

Winter Quarter (3)

BC 114	Biochemistry	2	0
DP 101	Orient to Clinical Practice of Gen Dentistry	1	0
DP 106	Orient to Clinical Practice of Gen Dentistry (lab)	0	2
EN 154	Endodontics	1	0
OR 144	Human Growth and Development	1	0
PA 130	Basic Disease Processes	1	0
PG 120	Physiology	4	0
RA 160	Radiology	1	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
Quarter Total:		16	9

Spring Quarter (4)

DP 107	Clinical Practice of General Dentistry Practicum	0	2
MC 224	Microbiology	2	0
OR 244	Orthodontics	1	0
PG 120	Physiology	3	0
PR 150	Periodontics	1	0
RA 160	Radiology	1	0
RS 180	Preclinical Fixed Prosthodontics	1	0
RS 186	Preclinical Fixed Prosthodontics (lab)	0	3

Block Rotations:

Block Rotation	variable	variable
Supplemental & selective instruction		
Local Anesthesia Administration	0	2
Dental Radiographic Techniques	0	1
Preclinical Endodontics	0	2
Preclinical Multidisciplinary Surgery	0	2
Preclinical Orthodontics	0	1
Preclinical Periodontics	0	1
Advanced Esthetic Dentistry	0	1
Quarter Total:	9	15

First Year Total: **57** **40**

Year 2

		Didactic Units	Lab/Clinic Units
Summer Quarter (5)			
DP 203	Introduction to Digital Radiology	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
RA 260	Oral Radiographic Interpretation	1	0
RP 290	Preclinical Remov Prosth (dentures)	2	0
DE 216	Patient Management and Productivity I	0	2
DE 218	Clinical Diagnosis & Treatment Planning I	0	1
EN 259	Clinical Endodontics	0	1
OS 239	Clinical OMFS	0	1
PR 256	Clinical Periodontics	0	1
RA 266	Clinical Dental Radiology	0	1
RP 296	Preclinical Remov Prosth lab (dentures)	0	3
RS 278	Clinical Restorative Dentistry I	0	1
RS 377	Local Anesthesia	0	0
Quarter Total:		17	11

Autumn Quarter (6)

PA 230	General Pathology	2	0
PD 240	Pediatric Dentistry	1	0
PG 220	Pharmacology	2	0
PR 250	Periodontics	1	0
RP 290	Preclinical Remov Prosth (dentures)	1	0
DE 216	Patient Management and Productivity I	0	2
DE 218	Clinical Diagnosis & Treatment Planning I	0	1
EN 259	Clinical Endodontics	0	1
OS 239	Clinical OMFS	0	0
PD 346	Dental Auxiliary Utilization	0	1
PD 347	Clinical Pediatrics	0	1
PR 256	Clinical Periodontics	0	1
RA 266	Clinical Dental Radiology	0	0
RP 296	Preclinical Remov Prosth lab (dentures)	0	3
RS 278	Clinical Restorative Dentistry I	0	1
RS 377	Local Anesthesia	0	0
Quarter Total:		7	11

Winter Quarter (7)

DE 201	Clinical Applications of Biomed Science	2	0
DP 202	Ethics	1	0
OS 234	Oral & Maxillofacial Surgery	1	0
PA 330	Oral Pathology	1	0
PG 220	Pharmacology	2	0
PR 250	Periodontics	1	0
RP 290	Preclinical Remov Prosth (dentures)	1	0
RS 280	Occlusion	2	0
DE 217	Patient Management and Productivity II	0	2
DE 219	Clinical Diagnosis & Treatment Planning II	0	1
EN 259	Clinical Endodontics	0	1
OS 239	Clinical OMFS	0	0
PD 346	Dental Auxiliary Utilization	0	0
PD 347	Clinical Pediatrics	0	1
PR 256	Clinical Periodontics	0	1
RA 266	Clinical Dental Radiology	0	1
RP 296	Preclinical Remov Prosth Lab (dentures)	0	2
RS 279	Clinical Restorative Dentistry II	0	2
RS 377	Local Anesthesia	0	0
Quarter Total:		11	11

			Didactic Units	Lab/Clinic Units
Spring Quarter (8)				
DE	201	Clinical Applications of Biomed Science	2	0
DP	202	Ethics	1	0
EN	254	Endodontics	1	0
OS	234	Oral & Maxillofacial Surgery	1	0
PA	330	Oral Pathology	2	0
PG	220	Pharmacology	3	0
RS	280	Occlusion	3	0
RS	281	Dental Implants	2	0
DE	217	Patient Management and Productivity II	0	2
DE	219	Clinical Diagnosis & Treatment Planning II	0	1
EN	259	Clinical Endodontics	0	1
OS	239	Clinical OMFS	0	0
PD	346	Dental Auxiliary Utilization	0	0
PD	347	Clinical Pediatrics	0	0
PR	256	Clinical Periodontics	0	2
RA	266	Clinical Dental Radiology	0	0
RS	279	Clinical Restorative Dentistry II	0	2
RS	377	Local Anesthesia	0	0
Quarter Total:			15	8

Second Year Total: 50 41

Year 3

Summer Quarter (9)				
DE	303	Clinical Sciences A	4	0
DP	302	Clinical Care of Complex Needs Patients	1	0
PA	330	Oral Pathology	2	0
DE	316	Patient Management and Productivity III	0	2
DE	318	Clinical Judgement and Diagnosis I	0	2
DE	368	Emergency	0	1
DE	366	Clinical Case Presentation	0	1
DP	307	Extramural Patient Care	0	1
EN	359	Clinical Endodontics	0	2
OR	348	Applied Orthodontics	0	1
OS	339	Clinical OMFS	0	1
PD	346	Dental Auxiliary Utilization	0	0
PD	347	Clinical Pediatric Dentistry	0	1
PR	356	Clinical Periodontics	0	1
RP	396	Clinical Remov Prosth	0	2
RS	377	Local Anesthesia	0	0
RS	378	Clinical Restorative Dentistry III	0	5
Quarter Total:			7	20

Autumn Quarter (10)				
DE	304	Clinical Sciences B	2	0
DP	300	Practice Management	1	0
DP	302	Clinical Care of Complex Needs Patients	1	0
PA	331	Diff. Diagnosis of Oral Disease	2	0
RA	360	Oral Radiographic Interpretation	1	0
RS	380	Science of Dental Materials	1	0
DE	316	Patient Management and Productivity III	0	2
DE	318	Clinical Judgement and Diagnosis I	0	2
DE	366	Clinical Case Presentation	0	0
DE	368	Emergency	0	1
DP	307	Extramural Patient Care	0	1
EN	359	Clinical Endodontics	0	2
OR	348	Applied Orthodontics	0	0
OS	339	Clinical OMFS	0	0
PD	346	Dental Auxiliary Utilization	0	1
PD	347	Clinical Pediatric Dentistry	0	1

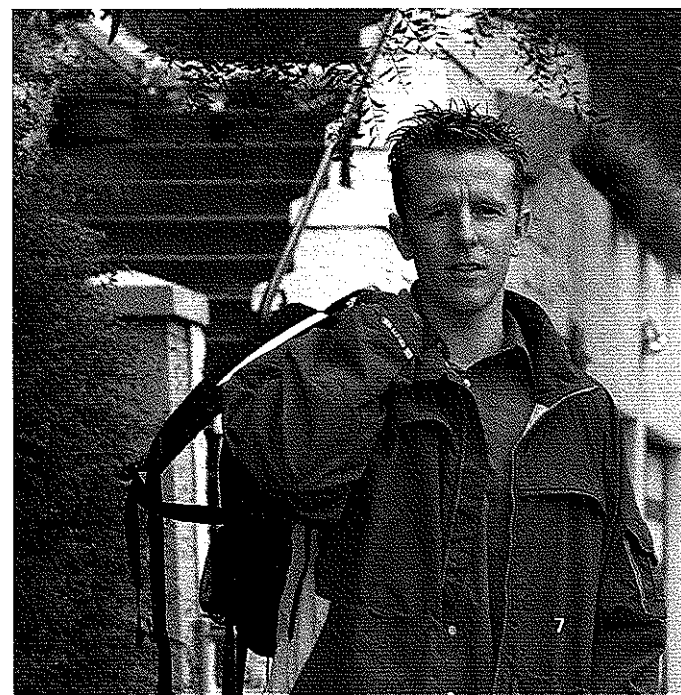
			Didactic Units	Lab/Clinic Units
PR	356	Clinical Periodontics	0	1
RP	396	Clinical Remov Prosth	0	3
RS	377	Local Anesthesia	0	1
RS	378	Clinical Restorative Dentistry III	0	6
Quarter Total:			8	21

Winter Quarter (11)				
DE	305	Clinical Sciences C	2	0
DE	310	Critical Thinking	1	0
DP	300	Practice Management	2	0
DP	301	Jurisprudence	1	0
DP	302	Clinical Care of Complex Needs Patients	2	0
DE	317	Patient Management and Productivity IV	0	2
DE	319	Clinical Judgement and Diagnosis II	0	2
DE	366	Clinical Case Presentation	0	0
DE	368	Emergency	0	1
DP	307	Extramural Patient Care	0	1
EN	359	Clinical Endodontics	0	2
OS	339	Clinical OMFS	0	1
PR	356	Clinical Periodontics	0	1
RP	396	Clinical Remov Prosth	0	6
RS	379	Clinical Restorative Dentistry IV	0	2
RS	387	Clinical Occlusion	0	1
Quarter Total:			8	19

Spring Quarter (12)				
DE	306	Clinical Sciences D	2	0
DE	317	Patient Management and Productivity IV	0	2
DE	319	Clinical Judgement and Diagnosis II	0	2
DE	366	Clinical Case Presentation	0	0
DE	368	Emergency	0	0
DP	307	Extramural Patient Care	0	1
EN	359	Clinical Endodontics	0	1
OR	349	Clinical Orthodontics	0	0
OS	339	Clinical OMFS	0	0
PR	356	Clinical Periodontics	0	1
RP	396	Clinical Remov Prosth	0	3
RS	379	Clinical Restorative Dentistry IV	0	6
RS	386	Clinical Fixed Prosthodontics	0	4
Quarter Total:			2	20

Third Year Total: 25 80

Program Total: 132 161



(continued)

School of Dentistry Competency Statements (Predoctoral)

(As approved by full faculty vote, April 1999)

Preamble

These competencies have been approved by vote of the faculty as the aggregate definition of professionals who are ready to begin the independent practice of dentistry and thus are ready for graduation and conferral of the DDS degree.

Although these competencies define the graduation knowledge, skills, and values of students, other components of the curriculum—foundation knowledge and skills—are also required of students as part of their educational program. These are normally defined as learning objectives in individual courses.

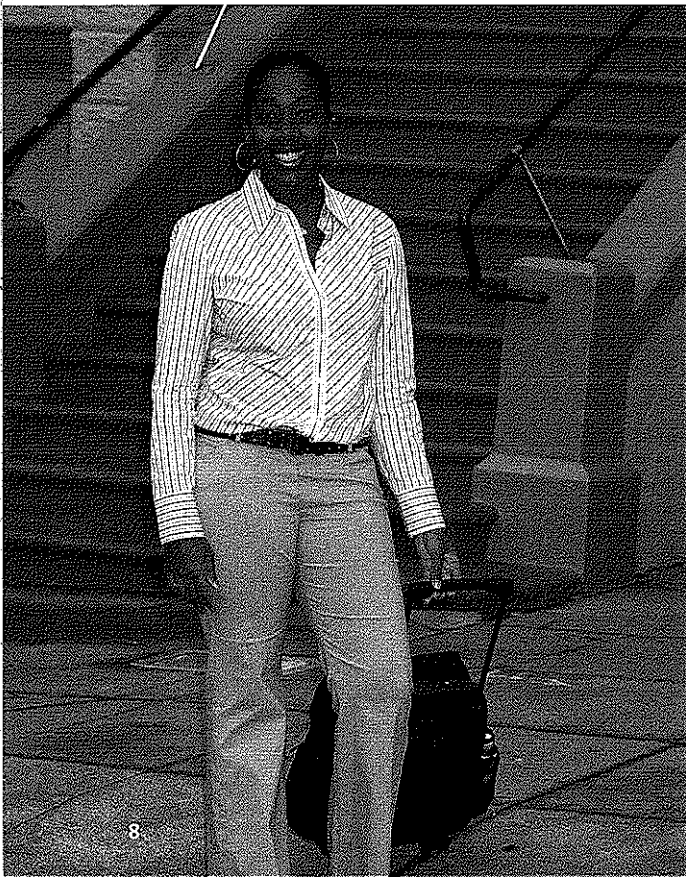
The action verbs in these competencies are defined in the publication "A Manual for Developing and Formatting Competency Statements" by Chambers and Gerrow, *Journal of Dental Education*, 1994, 58, 361-366.

In regard to oral disease detection, diagnosis, and prevention

1. Establish and maintain patient rapport
2. Perform a history, to include chief complaint, history of present illness, and medical and dental history
3. Perform a physical examination, including a complete oral examination
4. Order diagnostic medical and dental tests and consultations
5. Expose or obtain and interpret radiographs.
6. Determine differential, provisional, and definitive diagnoses
7. Evaluate the range of available dental therapies for individual patient's dental, medical, and personal situations, including advantages, disadvantages, and risk-benefit ratios
8. Integrate diagnostic and prognostic information into an individualized, comprehensive, sequenced treatment plan
9. Discuss treatment plans with patients and caregivers, including presentation of findings, alternatives, risks and benefits, and obtain informed consent from them
10. Modify ongoing treatment plans based on changed circumstances
11. Make referrals to dental and medical colleagues and, in conjunction with them, manage patients' care
12. Use preventive strategies to help patients maintain and improve their oral health

In regard to treatment of dental diseases and abnormalities

13. Restore single teeth for therapeutic reasons
14. Treat cosmetic concerns
15. Fabricate nightguard appliances to protect the dentition
16. Treat patients who have missing teeth with simple fixed, removable, and implant-supported prostheses
17. Oversee long-term care for patients with dental prostheses
18. Direct laboratory support
19. Prevent and treat pulpal inflammations by performing transdental therapy, direct pulp capping, and pulpotomy procedures
20. Perform uncomplicated endodontic therapy on permanent teeth
21. Treat plaque associated gingivitis, mild adult periodontitis, and uncomplicated acute periodontal conditions.
22. Manage moderate to severe adult periodontitis, early-onset periodontitis, refractory periodontitis, periodontitis associated with systemic conditions, mucogingival conditions, and complicated acute periodontal conditions.
23. Assess results of periodontal treatment
24. Identify and manage dental malocclusions and disturbances in the development of dentition
25. Perform simple and surgical tooth and root extractions
26. Treat simple oral bony and soft tissue abnormalities
27. Manage complex oral bony and soft tissue abnormalities
28. Treat complications related to intraoral surgical procedures
29. Manage complex intraoral emergencies
30. Administer and prescribe medications commonly used in dentistry, including local anesthesia, and manage their complications.
31. Assess and treat basic medical emergencies
32. Manage complicated medical emergencies
33. Perform CPR



In regard to customized treatment of dental diseases and abnormalities

34. Treat patients with simple disabilities and medically compromising conditions who do not require hospital adjunctive care as part of treatment
35. Manage treatment needs of patients with complex disabilities and medical conditions
36. Involve parents and guardians in managing the oral health of children and individuals who need assistance with oral care
37. Perform treatment for children in a manner that incorporates consideration of their expected growth and development
38. Counsel patients on lifestyle habits that affect oral health

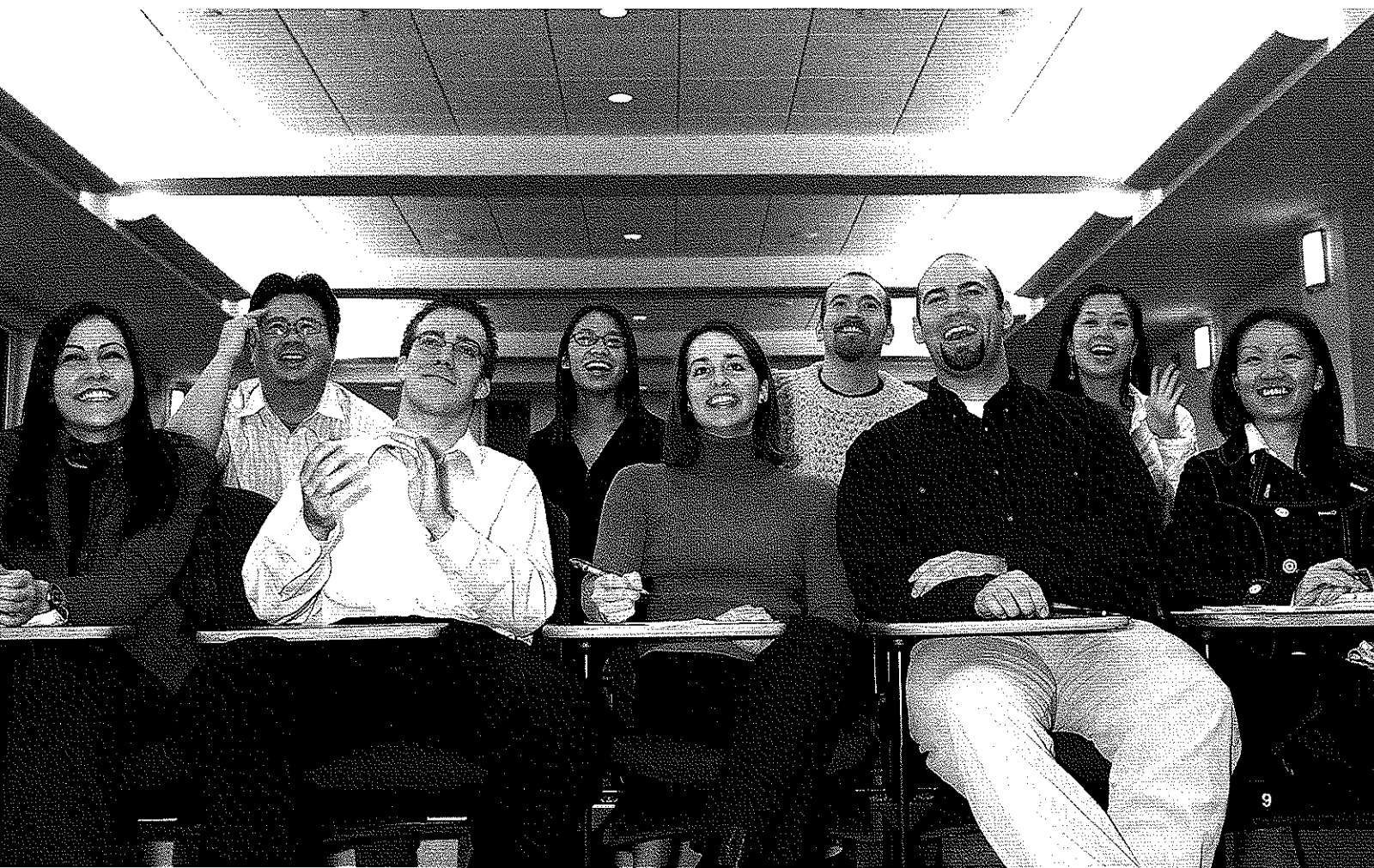
In regard to health care delivery and practice management

39. Prepare and use complete and accurate records
40. Use current infection and hazard control measures in dental practice
41. Function as a patient's primary and comprehensive oral health care provider
42. Practice four-handed dentistry
43. Direct services of dental auxiliaries
44. Develop a philosophy of practice
45. Develop a plan incorporating dental practice management principles

46. Participate in quality assurance systems
47. Practice consistent with sound business principles and legal requirements and regulations
48. 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

49. Diagnose and treat only within one's competence
50. Recognize moral weakness, uncertainty, and dilemmas in dental practice and practice in accordance with normative ethical principles
51. Recognize signs of abuse and neglect and take appropriate action
52. Communicate with a diverse group of patients, staff, and others so that they feel understood and cared about
53. Maintain confidentiality
54. Participate in activities designed to improve the health of communities
55. Participate in organized dentistry
56. Assume active responsibility for one's lifelong learning
57. Use information technology for dental practice
58. Evaluate scientific, lay, and trade information and claims about new products and procedures
59. Think critically, solve problems, and base dental decisions on evidence and theory



Course Descriptions

Course descriptions are grouped below under their respective departments. Courses are numbered by year: first-year courses in the 100s, second-year courses, 200s, and third-year courses, 300s. Quarters during which a course is offered in the DDS program are indicated by numbers in parentheses following course titles. (For the sequence of courses in the IDS program, please see pages 20-23). 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. A listing of available selective courses is distributed during the winter and spring quarters. 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). Selective instruction each year extends basic knowledge and skills in a discipline. If additional work is needed to reach competency in previously completed courses, supplemental instruction will be prescribed by the faculty offering additional customized and intensive instruction in targeted didactic, laboratory, and clinical competencies.

Anatomy (AN)

Faculty

Chairperson: Dorothy T. Burk
Professors: Anderson, Chamberlain (emeritus)
Associate Professors: Budenz, Burk
Assistant Professor: Asadi, Dechant, Vakovla
Instructors: Turner, Jabbour, Richards

AN 110

Gross Anatomy (1-2)

Review of the structural elements of the human body and its organ systems as appropriate for professional health care providers. Particular emphasis is placed on structures of the head and neck, with clinical correlations relevant for dental professionals. Methodology includes dissection, prosection, radiographs, models, and case discussion (30 hours lecture, 60 hours laboratory, 20 hours seminar, 7 units).

AN 111

General and Oral Histology (1-2)

Study of cell biology and histology of the basic human tissues and organ systems. Development and microscopic anatomy of the dentofacial complex, correlated with basic clinical applications (65 hours lecture, 25 hours laboratory, 7 units).

Biochemistry (BC)

Faculty

Chairperson: Alexander J. Murphy
Professors: Highsmith, Murphy

BC 114

Biochemistry (1-3)

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, 6 units).

Diagnostic and Emergency Services (DE)

Faculty

Chairperson: Alan W. Budenz
Professors: Graves (emeritus), Thomassen (emeritus)
Associate Professors: Budenz, Cohan, Fredekind, Nadershahi, Rudin, Yarborough
Assistant Professors: Arendareff, Benton, Caturay, Chann, Dukes, Fendler, Lambert, Masangkay, Purcell, Shyy, Silvestri, van Dyk, Woodson
Instructors: An, Jain, Lummis, Mangrum, Salmon

DE 201

Clinical Applications of Biomedical Sciences (7-8)

Multidisciplinary presentation of basic science foundations for clinical topics such as the importance of saliva, tissue aging, nutrition, and infection control (20 hours lecture, 60 hours seminar/self study, 4 units).

DE 216/217, 316/317

Patient Management and Productivity (5-6, 7-8; 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, 4 units).

DE 218/219

Clinical Oral Diagnosis and Treatment Planning (5-6, 7-8)

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 (2 units, 2 units).

DE 303, 304, 305, 306

Clinical Sciences A, B, C, D (9, 10, 11, 12)

Advanced topics in clinical dentistry taught in a multidisciplinary format with emphasis on evaluation of new developments and topics that involve several disciplines (100 total hours lecture, 4 units; 2 units; 2 units; 2 units).

DE 310

Critical Thinking (11)

Students will demonstrate skill in critical thinking in cases simulating dental practice, in evaluating dental literature and advertising, and in assessing public-access, web-based on-line information (10 hours lecture and seminar, 1 unit).

DE 318/319

Clinical Judgement and Diagnosis (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).

DE 366 (9-12)

Clinical Case Presentation

Student presentation and discussion of completed clinical and simulation cases with emphasis on multidisciplinary aspects and biomedical foundations of treatment planning (50 hours seminar during rotations, 1 unit).

DE 368

Emergency Clinic (9-12)

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

Dental Practice (DP)

Faculty

Chairperson: David B. Nielsen

Professors: Chambers, Glassman, Peltier

Associate Professors: Bergstrom, Hanson, Miller, Nielsen, Surabian

Assistant Professors: Anderson, Barniv, E. Brucia, J. Brucia, Carbone,

Chi, Clader, Crowe, Curley, Itaya, Kalebjian, Lyles-MacPhail,

Mikulic, S. Meyers, Petrini, Sani, Wong, Yerondopoulos

Instructors: Dorfman, Gutierrez, Madderra, Mock, Qureshi,

Sheppard, Terler

DP 100, 101, 106

Orientation to the Clinical Practice of General Dentistry (1, 2, 3)

A clinically-focused, multi-disciplinary, year-long series of courses designed to prepare students to treat patients in the general dentistry clinic. These courses emphasize diagnostic sciences, periodontology, and patient communication via supervised simulation and clinical exercises. This orientation to clinical care and patient management emphasizes the following: development of a comprehensive medical and dental database and history; understanding of the cause and prevention of dental diseases; diagnostic tests; oral pathology; clinical protocol, the clinic system and services; professional deportment, ergonomics, infection control use of instruments, scaling and polishing of teeth; communication and patient relations; community and individual approaches to preventive aspects of dentistry; and characteristics and trends in the dental profession (2 units, 3 units, 5 units).

DP 102

Introduction to Computer Technology in Dentistry (1)

This course provides an introduction to the use of computing technology in dental education and practice. Students completing the course will be able to use notebook and desktop computers in the dental education program. They will be familiar with operating systems, file and data management, basic use of specific applications programs including commercial programs and custom School of Dentistry programs, and the use of the Internet (10 hours total lecture and independent study; 1 unit).

DP 107

Clinical Practice of General Dentistry Practicum (4)

Clinical experiences, exercises and practicals that build on the prior courses to continue to develop skills in establishing the therapeutic relationship; communication with staff, faculty and patients; clinical systems, services and protocol; records, financial arrangements, chart documentation, computer and insurance; sequencing of activities; case evaluation, planning and provision of initial examination; scaling and polishing; and disease prevention instruction (30 hours clinic, 2 units).

DP 202

Ethics (7-8)

Study of ethical issues facing dentists and basic approaches to dealing with ethical dilemmas in the profession and analysis of productivity patterns in practice with emphasis on developing habits of personal productivity (21 hours seminar and 3 hours of lecture during clinical rotations, 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 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 (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, 4 units).

DP 307

Extramural Patient Care (9-12)

Clinical and practice management training that will increase efficiency in delivery of high quality dental care in a setting that more closely resembles a private practice than the dental school clinic (90 hours clinical rotations; 4 units).

DP 318

Preparation for State Licensure (12)

Review of requirements and protocol, and practical exercises in preparation for the California and state and regional board examinations (10 hours lecture, 26 hours laboratory and clinic; 2 units).

Course Descriptions

Endodontics (EN)

Faculty

Chairperson: Alan H. Gluskin
Professors: Borer (emeritus), Gluskin
Associate Professors: D. Brown, R. Brown, R. Wong, S. Wong
Assistant Professors: Ballard, W. Brown, Ebeid, Fathi, Feiger, Fogel, Koka, LeVine, Lewis, Peters, Tittle

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 and intracanal medications; obturating the canal and judging the complete treatment with radiographs (40 hours laboratory, 2 units).

EN 254

Endodontics (8)

Review of endodontic diagnosis and therapy; radiographic interpretation; bleaching vital/nonvital teeth; restoration of endodontically treated teeth; dental trauma; pain control and patient management; endodontic emergencies; 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 comprehensive clinical dental practice (4 units; 8 units).

Microbiology (MC)

Faculty

Chairperson: Nejat Düzgünes
Professors: Düzgünes, Konopka
Research Associate Professor: Papahadjopoulos-Sternberg
Research Assistant Professors: Gochin, Khoroshev, Shine

MC 224

Microbiology (4-5)

Study of the biology of microorganisms that cause disease; the pathogenesis, epidemiology, clinical syndromes, laboratory diagnosis, treatment, and prevention of infectious diseases; microbial structure, metabolism, genetics, and virulence factors; mechanisms of host resistance, chemotherapy, and vaccination; bacteriology, with emphasis on oral microflora; mycology; parasitology; and virology, with emphasis on AIDS, herpesviruses, and hepatitis (50 hours lecture, 30 hours laboratory; 6 units).

Oral and Maxillofacial Surgery (OS)

Faculty

Chairperson: A. Thomas Indresano
Professors: Devlin, Indresano
Associate Professors: Ajayi, Barkin, Belsky, Bloom, Breckenridge, Dumas, Farhood, Garibaldi, Javid, Kasten, Kiesselbach, Moomjian, Nasser, Nelson, Nix, Ratner, Syers, Tarsitano, Townsend, Welsh
Assistant Professors: Ahani, Beckley, Boghossian, Casagrande, Ehsan, Kim, Lee, Shimane, Tolstunov
Director of the Predoctoral Program: Garibaldi

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 234

Basic Oral and Maxillofacial Surgery (7-8)

Study of the principles of routine and complicated exodontia, pre- and postsurgical complications, instrumentation, vital signs, impactions, asepsis, preprosthetic surgery, biopsy techniques, and medications used in oral and maxillofacial surgery (20 hours lecture, 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 competence and to refer patients who need more skilled surgical treatment to a specialist (1 unit, 2 units).

Orthodontics (OR)

Faculty

Chairperson: Robert L. Boyd
Professors: A. Dugoni, Baumrind, Boyd, Poulton, Rutter, Tolarova
Associate Professors: Axelrode, Boero, S. Dugoni, Fallah, Gibbs, Harasaka, Kaplan, Lieber, Linck, Parker, Picard, Pitts, Redmond, Ricupito, Righellis, Valley
Assistant Professors: Amer, Aubert, Bongiovanni, Carlson, Curry, Derakshsan, Gonzales, Hsu, Sefidpour, Sterental, Torfs, Vogt, Womack
Director of the Graduate Program: Poulton
Director of the Predoctoral Program: Fallah

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; introduction to malocclusion and its classification. (10 hours lecture, 1 unit)

OR 149

Preclinical Orthodontics (4)

Laboratory instruction in basic wire bending technique, fabrication of removable orthodontic appliances, tooth extrusion and uprighting appliances. Fabrication of fixed orthodontic appliances including band cementation, bonding of brackets, and use of arch wires (16 hours seminar and laboratory, 1 unit).

OR 244

Orthodontics (4-5)

Study of orthodontics as applicable to general dentistry including the identification of normal occlusion and classification of malocclusion; development of the dentition and dentofacial complex; diagnosis of arch length discrepancies and treatment planning considerations in primary, mixed, and permanent dentitions; treatment philosophies; indications and contraindications for limited orthodontic treatment; anatomy of removable and contemporary edgewise appliances; biologic responses to orthodontic forces; biomechanical principles; and multidisciplinary and comprehensive orthodontic treatment planning (20 hours lecture, 2 units).

OR 348

Applied Orthodontics (9-10)

Study of basic orthodontic records and their application to diagnosis, treatment planning, and treatment evaluation in the primary, mixed, and permanent dentition. Lateral head films will be traced, measured, and discussed in regard to norms and growth patterns. Case presentations by students incorporating social, medical, and dental histories, casts, cephalometrics, photographs, arch length analysis, and tooth mass discrepancy analysis will be used to illustrate diagnostic, treatment planning, and treatment procedures. Removable appliances are designed and prescription writing practiced (20 hours seminar, 3 hours graduate orthodontic clinic, 1 unit).

Pathology and Medicine (PM)

Faculty

Chairperson: William M. Carpenter
Director of Health and Safety: Eve Cuny

Facial Pain

Director: Peter Chase
Associate Professors: Chase
Assistant Professors: Inouye, Jue
Instructors: Fisk, Scott

Oral Medicine

Director: Peter Jacobsen
Assistant Professor: Freckelton

Pathology (PA)

Professors: Carpenter, Eversole, Jacobsen, Leider (emeritus)
Associate Professor: Merrell

PA 130

Basic Disease Processes (3)

Introduction to basic medical problems that affect dental treatment and management and the protocol for obtaining a thorough medical history (10 hours lecture, 1 unit).

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 80 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 a three hour clinical rotation, 5 units).

PA 331

Differential Diagnosis of Oral Diseases (10)

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

Pediatric Dentistry (PD)

Faculty

Chairperson: A. Jeffrey Wood
Professors: Rayman, Redig (emeritus), Tocchini (emeritus)
Associate Professors: Wood, Rabbach, Sobel, Stuart
Assistant Professors: Garcia, Halterman, Hodges, Lau, Le, Medoza-Sobel, Morris, Negron, Peng, Schmitt

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 (10 hours lecture and laboratory 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 management in children (20 hours lecture, 2 units).

PD 346

Dental Auxiliary Utilization (6-10)

Rationale and a system of procedures for sit-down, four-handed dental practice (84 hours clinical rotations in conjunction with clinical pediatric dentistry, 2 units).

PD 347

Clinical Pediatric Dentistry (6-10)

Study of the diagnosis, treatment planning, and comprehensive preventive and restorative dental treatment for children (84 hours rotations in conjunction with dental auxiliary utilization, 4 units).

Course Descriptions

Periodontics (PR)

Faculty

Chairperson: William P. Lundergan

Professors: Hall (emeritus), Lundergan

Associate Professors: Ahn, Alpagot, Barkhordar, Harpenau, Heaney, Javadi, Lin, Meyers, Zingale

Assistant Professors: Bruce, Chang, Cheema, Lauber, Lyon, Martinez, Milliken, Ronderos, St. James, Tognotti, Tsurudome

PR 150

Periodontal Diseases (4)

Introduction to periodontology, clinical and histopathological features, epidemiology, classification of periodontal diseases, pathogenesis, and etiologies of periodontal disease (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/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 (20 hours lecture, 2 units).

PR 256, 356

Clinical Periodontics (5-8; 9-12)

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

Physiology (PG)

Faculty

Chairperson: Joseph V. Levy

Professors: Cohen, Inesi, Levy, Morales

PG 120

Physiology (3-4)

Study of 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, 12 hours laboratory/demonstrations, 8 units)

PG 220

Pharmacology and Therapeutics (6-8)

Rationale of drug use in dental practice and mechanisms of action of drugs used for 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 (70 hours lecture, 7 units).

Oral and Maxillofacial Radiology (RA)

Faculty

Chairperson: Thomas Schiff

Professor: Schiff

Associate Professor: Shaffee

RA 160

Dental Radiology (3-4)

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 (20 hours lecture, 2 units).

RA 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, processing, identification and mounting, and correction of technical error (20 hours laboratory, 1 unit).

RA 260

Oral Radiographic Interpretation (5)

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

RA 266

Clinical Oral Radiology (5-8)

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

RA 360

Oral Radiographic Interpretation Seminar (10)

A systematic approach to interpretation of oral radiographs and documentation of diagnostic findings (10 hours lecture, 1 unit).

Removable Prosthodontics (RP)

Faculty

Chairperson: Eugene E. LaBarre

Professors: Byerly (emeritus), Green, LaVere (emeritus), Sarka (emeritus), R. Smith (emeritus), Zlotolow

Associate Professors: Ahlstrom, Eliason, Gregory-Head, LaBarre, Tsiang

Assistant Professors: Castagna, Chavez, Duhn, Giusti, Protzel, Shinbori

Instructors: Bagus, J.Y. Chen, Karsant, Lopez, Makassebi, Ostrovsky, Tsai

Teaching Dental Laboratory Technician: Matveyeva

RP 290, 296

Preclinical Removable Prosthodontics: Complete Dentures (5-6)

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 quint; facebow registration; osteology; record bases and occlusion rims; facial landmarks; muscles of head, neck and oral cavity; use of articulator; arrangement and articulation of artificial teeth; try-in of trial dentures; processing, finishing, and polishing of dentures; obtaining comfortable dentures for the patient; and clinical remount to perfect the occlusion and restore tooth anatomy. Laboratory includes arrangement and articulation of 28 artificial teeth. Also studied are conventional, transitional, and diagnostic immediate dentures; tooth selection and repairing complete dentures; introduction to tooth supported complete dentures; use of the articulator, dental materials, and technique for construction of retrognathic and immediate complete dentures; and the posterior palatal seal and its biologic considerations (40 hours lecture, 4 units; 120 hours laboratory, 6 units).

RP 291, 297

Preclinical Removable Prosthodontics:

Removable Partial Dentures (7)

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).

RP 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).

Restorative Dentistry (RS)

Faculty

Chair: Marc J. Geissberger

Professors: Loos, Lugassy, Radke

Associate Professors: Aron, Dower, Frederickson, Geissberger, Leknius, Plies, Yeh, Young

Assistant Professors: Barthold, Castagna, J Chen, Cheu, Choy, A Chun, Deukmedjian, Duan, Fanucci, Garbosa, Garcia, Giachetti, Golden, Hakim, Hausauer, Hepps, Kenyon, Kokas, Louie, Lubman, Milani, Miles, Morris, Okuji, Peterson, Santucci, Scimeca, Seiferling, Shafiee, Sibbald, Streacker, Tomaszewski, Tong, Tran, D White, M Wong

Instructors: Ashraf, Bason, Buchanan, Chadha, L Chun, Digiorno, Duncan, Fillmore, Gabbay, Hamid, Kachalia, Kwong, P Lee, Marcos, Mirkina, Nadjibi, D Nguyen, N Nguyen, V Nguyen, Okuji, Parisek, Pham, Phillips, Prasad, Radjaepour, Salehieh, Salimi, Surti, Tajbakhsh, Warren, R White, Yuliya

Lab Technician: Quiring

RS 103

Cariology (2)

Comprehensive overview of diagnosis, detection, and clinical management of the disease of dental caries, including detailed descriptions of the chemical, biological, and mechanical tooth interactions (10 hours lecture, 1 unit).

RS 170, 176

Preclinical Operative Dentistry (1-3)

Study of 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).

Course Descriptions

RS 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 (19 units lecture, 22 units lab/clinic; unit weight may vary depending upon the needs of the class).

RS 177

Local Anesthesia (4)

Study of administration of local anesthetics (15 hours lecture, 8 hours laboratory, 2 units).

RS 178

Advanced Operative Dentistry (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).

RS 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).

RS 181, 187

Dental Anatomy (1-3)

Tooth morphology and the relationship of teeth in form and function to each other and to supporting structures; and use of the wax-added and carving techniques in reproducing coronal portions of individual teeth; introduction to occlusion; and waxing of crowns on dies of prepared teeth to proper contour, contact and occlusal function (30 hours lecture, 3 units; 60 hours laboratory, 3 units).

RS 188

Fundamentals of Restorative Dentistry (1)

This course emphasizes the fundamental skills needed for the fabrication of fixed prosthetic restorations: making of alginate impressions and study casts, introduction to articulators, preparation design for ceramo-metal crowns, waxing, casting finishing and polishing techniques for gold castings, provisional and alternative provisional restorations (20 hours lecture, 30 hours laboratory, 3 units).

RS 278/279, 378/379

Clinical Restorative Dentistry I-IV (5-6, 7-8; 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 patient's 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. (2 units, 4 units; 11 units, 12 units).

RS 280

Occlusion (7-8)

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; 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).

RS 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).

RS 380

Science of Dental Materials (10)

Study of the chemical structure and physical properties of dental materials in order to optimize the selection and use of materials that will yield predictable clinical results (10 hours lecture, 1 unit).

RS 387

Clinical Occlusion (11)

Clinical application of principles of occlusion including mandibular movements, geometric determinants of occlusal morphology, muscle examination, occlusal examination and adjustment, and functional and esthetic restorative treatment (1 unit).

Admission Requirements

There are four basic requirements to be considered for admission to the course of study leading to the degree of Doctor of Dental Surgery: completion of required pre dental education, completion of the Dental Admission Test (DAT), submission of complete application materials, and appearance at the school for a personal interview.

Pre dental Education

Pre dental education must be completed at an accredited college or university from which subject matter is accepted for credit toward advanced standing at the University of the Pacific or universities with equal standing. At least three years of collegiate work, including 135 quarter or 90 semester credits, is recommended.

Pass/fail evaluations in required subjects are unacceptable unless accompanied by a narrative transcript provided by the awarding school.

Required courses in pre dental education must include the following:

	Number of Courses	
	Semester	Quarter
English Composition, Communication, or Speech*	2	3
Biological Sciences with laboratory**	4	6
General Physics with laboratory	2	3
Inorganic Chemistry with laboratory	2	3
Organic Chemistry**	2	3

* One course in composition or technical writing is required. Other courses should develop written or verbal communication skills. Courses in English as a Second Language (ESL) do not meet this requirement.

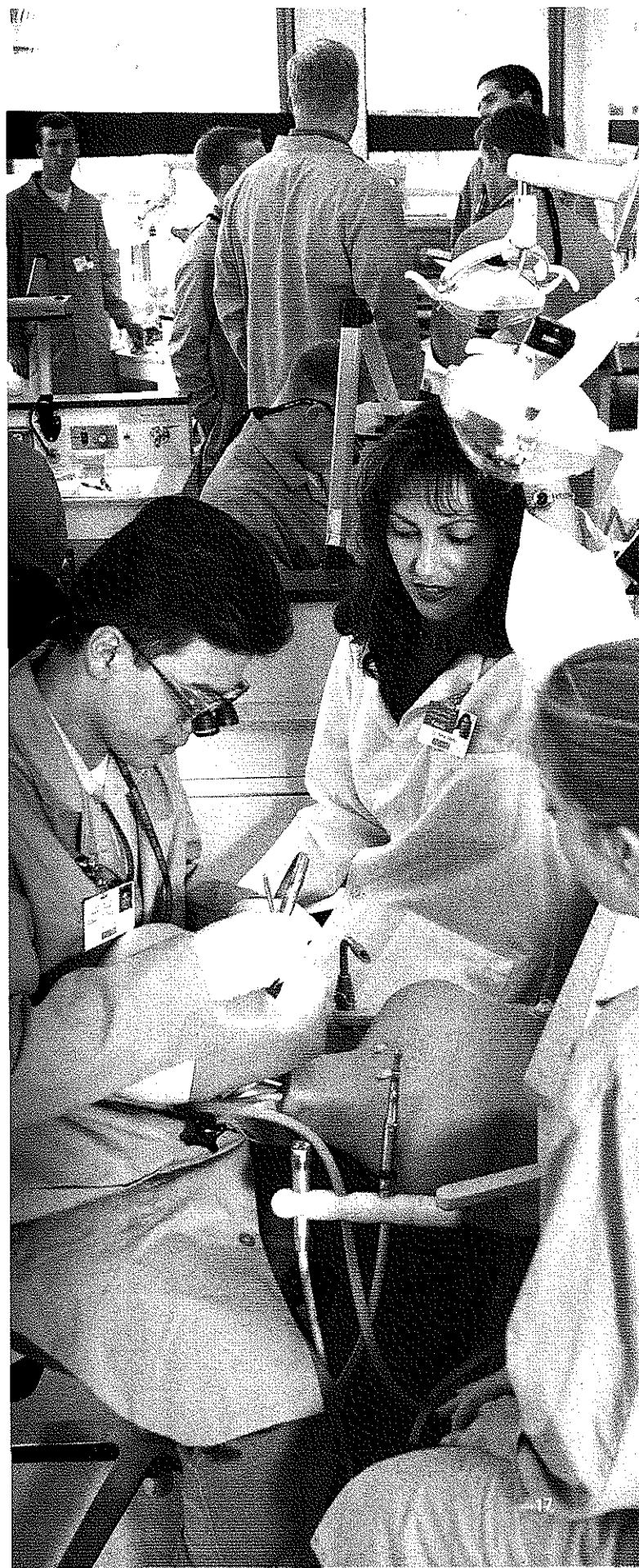
** Pre dental students are advised to complete one course in anatomy or physiology as part of the biological sciences requirement. The admissions committee requires applicants to complete two semesters of organic chemistry or, upon direction of the pre dental advisor, one semester each of organic chemistry and biochemistry.

Although it is recommended that applicants have a baccalaureate degree, no specific major is required or preferred. It is recommended that electives be chosen from courses that extend one's knowledge of the biological sciences, such as biochemistry, physiology, human anatomy, histology, and microbiology.

It is strongly recommended that students develop their course of study in conjunction with a college or university pre dental advisor who can assist in selection of courses that will meet the School of Dentistry's requirements and provide the best preparation for the rigors of professional education and practice.

The Dental Admission Test

The computer-based format of the DAT is available on almost any day of the year. To be considered for admission the exam must have been taken within 18 months of the date of the application. Preference for admission is given to students who provide scores no later than October for the class entering the following July. Information and applications are available from the Dental Admission Test Program, Division of Education, American Dental Association, 211 East Chicago Avenue, Chicago, IL 60611, or visit www.ada.org.



Application Procedures

Application

The University of the Pacific School of Dentistry participates in the American Association of Dental Schools Application Service (AADSAS). AADSAS is an information clearinghouse which transmits to a dental school the biographical and academic data required by admissions committees, thereby relieving the applicant of the burden of completing multiple and repetitious individual applications. To begin the application process, you can apply online or download an application from the ADEA website, www.addea.org. Return the completed application form to AADSAS with copies of official transcripts from each college and university attended, three letters of evaluation, and a check or money order for the AADSAS processing fee. Completed application materials must be received by AADSAS no later than January 1 for an applicant to be considered for the class entering in July; however, it is recommended that students apply as early as June, but no later than December 15. A nonrefundable fee of \$75 is required by the school before processing of an application is initiated.

If the applicant's undergraduate institution has a pre-health sciences advisory committee, a committee evaluation is recommended. Otherwise, three letters of evaluation are required, one from a pre dental advisor and two from pre dental or upper division science course professors. At the applicant's discretion, additional letters may be submitted if these provide supplemental information regarding the applicant's character, special abilities, and professional motivation. Evaluations from health care professionals who know the applicant well are encouraged.

Personal Interview

Applicants whose credentials appear to meet pre dental requirements are invited to the school for an interview with one of more members of the admissions committee and a currently-enrolled dental student. Those selected for interview are notified by letter of available dates for the interview. During the interview the applicant's interest in dentistry, future plans, maturity, and personal qualities needed for successful work with patients are assessed. In addition, applicants participate in an orientation seminar, meet informally with current students, and tour the school.

Selection Factors

The admissions committee carefully considers each applicant's scholastic record, DAT scores, AADSAS essay, letters of evaluation, and other personal attributes and qualities as well as demonstration of his or her understanding about a career in the dental profession. Applicants who are offered the opportunity to enroll must complete planned coursework at a specified performance level.

Honors Programs

A five-year program leading to the DDS degree was initiated in 1984 to provide pre dental education in two academic years for qualified students. Students admitted to the program take a prescribed list of general education and science courses as undergraduates in the university's College of the Pacific. After two years of study, they are eligible to apply for admission to the School of Dentistry. Freshmen who meet the following criteria will be considered for admission to this highly selective program:

- a combined SAT score of 1350 and a minimum verbal score of 630, or an ACT composite score of 31
- a 3.7 grade point average based on a substantial high school mathematics and science program, and
- acceptable scores on the UOP competency examinations in reading, writing, and quantitative analysis administered upon entering the university.

All students registered in the program are monitored closely and are counseled by pre dental faculty on the Stockton campus.

A six-year program provides qualified high school students the opportunity to enroll in a selective baccalaureate and DDS degree program. Students accepted into the program major in chemistry or biological sciences and obtain a bachelor's degree from the College of the Pacific after completing three academic years on the Stockton campus and one year at the School of Dentistry.

This special opportunity, combined with the 36-month continuous educational program in dentistry, makes possible the completion of all requirements for both the baccalaureate and doctor of dental surgery degrees within a total of six years. Entrance requirements at the freshman collegiate level are as follows:

- a combined SAT score of 1270 with a minimum score of 600 on the verbal portion, or an ACT composite score of 29,
- a minimum 3.6 grade point average in high school college preparatory program,
- broad exposure to science and mathematics, including college preparatory courses in chemistry, biology, and algebra, and
- substantial course work in college preparatory English.

A seven-year program provides students with the opportunity to complete a bachelor's degree in any discipline on the Stockton campus in four years of study and then complete the DDS degree at the School of Dentistry in San Francisco in three additional years. Students admitted to this honors program can major in any subject provided that they complete an appropriate series of science courses as prescribed by a College of the Pacific pre dental advisor. Entrance requirements for this honors program include:

- a combined SAT score of 1150 with a minimum verbal score of 600, or an ACT composite score of 26,
- a minimum 3.5 grade point average in a solid college preparatory program,
- substantial course work in English, sciences, and mathematics.

Acceptance to these honors programs is determined annually by a screening committee after review of applications submitted by students who meet basic criteria. To be admitted to the School of Dentistry, honors students must: 1) meet all course requirements for the pre dental programs including grade point standards; 2) achieve scores of 17 or higher on all scales of the Dental Admissions Test; 3) successfully complete an interview with faculty at the School of Dentistry; 4) file an AADSAS application; 5) submit the \$75 nonrefundable application fee; and 6) obtain at least three letters of evaluation from science faculty, including one letter from a pre dental faculty advisor. The honors program and requirements for early acceptance to the School of Dentistry are described more fully in brochures available from the Office of Admissions, University of the Pacific, 3601 Pacific Avenue, Stockton, CA 95211.

Bachelor of Arts in Applied Sciences

Through a unique program with the university's main campus in Stockton, students who matriculate at the School of Dentistry without a baccalaureate degree will be reviewed by the Center for Professional and Continuing Education to determine eligibility for the bachelor of arts in applied sciences degree. 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 degree will be notified by the start of the second year and will receive the diploma as part of the dental school commencement ceremony.

Admission with Advanced Standing

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

Health Requirements, Medical, and Disability Insurance

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

- ❑ **Medical Examination** Submit the school's "Clinical Examination Form," signed by a physician, confirming that an acceptable medical examination was completed within one year of the date of matriculation.
- ❑ **Measles, Rubella (German Measles), and Mumps** Provide documentation of presence of positive titres. Documented vaccination with live attenuated measles and rubella virus is adequate. A history of measles and rubella as childhood diseases is not sufficient.

- ❑ **Tuberculosis** Submit the report of a Mantoux tuberculosis skin test. With a history of tuberculosis OR a positive skin test, submit a physician's report of a chest X-ray taken within the year prior to matriculation. Chest X-rays may be required at intervals, and suppressive medication may be recommended.
- ❑ **Medical and Disability Insurance** All enrolled students and residents participate in mandatory medical insurance and disability insurance programs selected by the School of Dentistry. No student is exempt from participation in these programs. Insurance premiums are assessed with tuition and other fees.

Hepatitis B

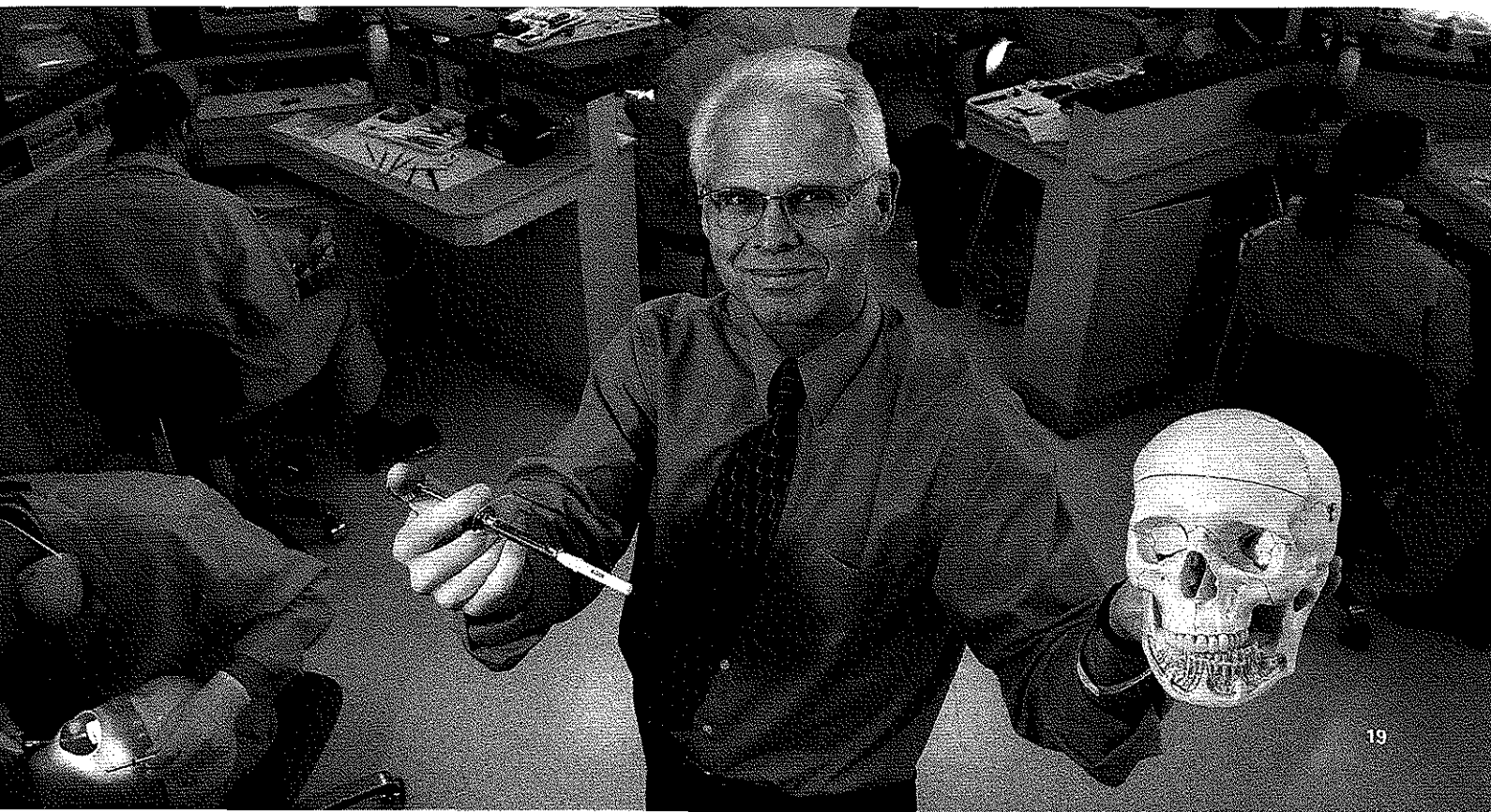
Every dental student is required to submit documented proof of presence of antibodies to the Hepatitis B virus or to complete the Hepatitis B vaccination series. It is recommended that this be done prior to matriculation; in all cases, however, it must be done before a student is allowed to treat patients. If a student does not have documented proof of having antibodies to this virus, the vaccination series is available at the school for a fee.

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

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 otherwise legally eligible non-citizen. The financial aid office mails application materials beginning in late January to those who apply for admission.

Financial aid staff assist 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.



The skills and knowledge of U.S. dental practitioners are among the foremost in the world. Qualified graduates of foreign dental programs have an opportunity to earn the Doctor of Dental Surgery degree through the International Dental Studies program. This 24-month, eight-quarter program provides practical and comprehensive training in dental techniques as practiced in the United States.

The program is described more fully in a separate brochure available from the coordinator, International Dental Studies Program, School of Dentistry, University of the Pacific, 2155 Webster Street, San Francisco, CA, 94115-2399, U.S.A., or on the website, www.dental.uop.edu.

Curriculum

The International Dental Studies (IDS) curriculum includes preclinical and clinical instruction in dental subjects in the school's traditional D.D.S. program, as well as instruction in pharmacology, oral pathology, differential diagnosis of oral diseases, facial pain, treatment of special patients; applied behavioral sciences including basic management science, fundamentals of dental practice, dental jurisprudence; and preparation for state licensure.

Tuition and Fees

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

Consideration Requirements and Application Procedure

Complete consideration requirements and application procedures are described in a separate brochure available from the coordinator of the International Dental Studies program. Basic prerequisites for consideration are as follows: 1) a certified or notarized copy of a dental degree from a foreign dental school (any degree in a language other than English must be accompanied by a certified translation from a bona fide U.S. translator; provisional degrees are not accepted); 2) successfully passing all four sections of Part I of the Dental National Board Examination and receiving a minimum overall average of 80; 3) submission of a minimum score of 237 on the computer-based version or 580 on the paper-based version of the Test of English as a Foreign Language (TOEFL), and if applicable, an English proficiency examination administered at the School of Dentistry; 4) a course-by-course evaluation from a U.S. educational credential evaluation service such as ECE, WES, AACRAO, or IEFRR; and 5) two letters of recommendation. *Any notarized copy received by the dental school must bear the original notary stamp. Copies of a notarized copy are not acceptable.*

Applicants who meet preliminary requirements and whose documented applications indicate potential for success in the program will be invited to take a technical examination and will go through an interview process administered at the dental school.

The IDS admissions committee will consider the following factors in selecting applicants for admission: dental school achievement, National Dental Board Examination scores, English language proficiency, performance on the technical examination, professional experience, advanced degrees, and interview.

Academic Progress, Graduation Requirements

Administrative regulations, and general and academic policies of the University of the Pacific School of Dentistry as outlined in this catalog and as otherwise apply to students generally will also apply to those admitted into the International Dental Studies program. These include but are not limited to all regulations and policies and procedures applicable to academic progress and graduation.

Year 1

		Didactic Units	Lab/Clinic Units
Summer Quarter (1)			
DP	102 Introduction to Computers in Dentistry	1	0
PD	240 Pediatric Dentistry	1	0
PR	151 Periodontics and Periodontal Diseases	2	0
RP	290 Preclinical Removable Prosthodontics (dentures)	2	0
RS	173 Principles in Restorative Dentistry (lecture)	7	0
RA	166 Dental Radiographic Technique	0	1
RP	296 Removable Prosthodontic Technique Lab (dentures)	0	3
RS	175 Principles in Restorative Dentistry (lab)	0	6
Quarter Total:		13	10

Autumn Quarter (2)

OS	299 Ethics/Pain	1	0
PD	240 Pediatric Dentistry	1	0
PG	220 Pharmacology	2	0
PR	251 Periodontics	2	0
RP	290 Preclinical Remov Prosth (dentures)	1	0
RS	103 Cariology	1	0
RS	174 Complex Issues in Restorative Dentistry	5	0
DP	107 Orientation to Comprehensive Patient Care Clinic	0	2
RP	296 Preclinical Remov Prosth (lab)	0	3
RS	177 Local Anesthesia	0	1
RS	179 Complex Issues in Restorative Dentistry (lab)	0	6
Quarter Total:		13	12

Winter Quarter (3)

EN	154 Basic Endodontics	1	0
DP	202 Ethics	1	0
OR	144 Human Growth and Development	1	0
OS	234 OMF Surgery	1	0
PA	330 Oral Pathology	1	0
PG	220 Pharmacology	2	0
PR	251 Periodontics	1	0
RP	291 Preclinical Partial Dentures	1	0
RS	183 Advanced Techniques in Restorative Dentistry	5	0
DE	217 Patient Management and Productivity II	0	1
DE	219 Clinical Diagnosis & Treatment Planning II	0	1
EN	159 Preclinical Endodontic Techniques	0	2
PD	146 Preclinical Pediatric Dentistry	0	1
PR	256 Clinical Periodontics	0	1
RP	297 Preclinical Partial Dentures Lab	0	2
RS	185 Advanced Techniques and Restorative Dentistry	0	5
RS	377 Local Anesthesia	0	0
Quarter Total:		14	13

Spring Quarter (4)

DP	202 Ethics	2	0
EN	254 Endodontics	1	0
OR	244 Orthodontics	1	0
OS	234 Oral and Maxillofacial Surgery	1	0
PA	330 Oral Pathology	3	0
PG	220 Pharmacology	3	0
RS	184 Clinical Applications in Restorative Dentistry (lecture)	0	0
RS	281 Dental Implants	1	0
RS	189 Clinical Applications in Restorative Dentistry (lecture)	2	0

(continued)

Distribution of Instruction

	Didactic Units	Lab/Clinic Units
DE 217 Patient Management and Productivity II	0	1
DE 219 Clinical Oral Diagnosis & Treatment Planning II	0	1
OR 149 Preclinical Orthodontic Techniques	0	1
OS 139 Preclinical Multidisciplinary Surgery	0	1
PR 256 Clinical Periodontics	0	1
RS 189 Clinical Applications in Restorative Dentistry	0	5
RS 279 Clinical Restorative Dentistry II	0	4
RS 377 Local Anesthesia	0	0
Quarter Total:	14	14

First Year Total: **54** **49**

Year 2

Summer Quarter (5)

DE 303 Clinical Sciences A	4	0
DP 203 Introduction to Clinical Radiography	1	0
DP 302 Clinical Care of Complex Needs Pts	1	0
OR 244 Orthodontics	1	0
PA 330 Oral Pathology	2	0

DE 316 Patient Management & Productivity III	0	2
DE 318 Clinical Judgement & Diagnosis III	0	2
DE 366 Clinical Case Presentation	0	1
DE 368 Emergency	0	1
DP 307 Extramural Patient Care	0	1
EN 359 Clinical Endodontics	0	2
OR 348 Applied Orthodontics	0	1
OS 339 Clinical OMFS	0	1
PD 346 Dental Auxiliary Utilization	0	0
PD 347 Clinical Pediatric Dentistry	0	1
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth	0	2
RS 378 Clinical Restorative Dentistry III	0	5
RS 377 Local Anesthesia	0	0
Quarter Total:	9	20

Autumn Quarter (6)

DE 304 Clinical Sciences B	2	0
DP 300 Practice Management	1	0
DP 302 Clinical Care of Complex Needs Pts	1	0
PA 331 Differential Diagnosis of Dental Disease	2	0
RA 360 Oral Radiographic Interpretation	1	0
RS 380 Science of Dental Materials	1	0

DE 316 Patient Management & Productivity III	0	2
DE 318 Clinical Judgement & Diagnosis III	0	2
DE 366 Clinical Case Presentation	0	0
DE 368 Emergency	0	1
DP 307 Extramural Patient Care	0	1
EN 359 Clinical Endodontics	0	2
OR 348 Applied Orthodontics	0	0
OS 339 Clinical OMFS	0	0
PD 346 Dental Auxiliary Utilization	0	1
PD 347 Clinical Pediatric Dentistry	0	1
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth	0	3
RS 377 Local Anesthesia	0	1
RS 378 Clinical Restorative Dentistry III	0	6
Quarter Total:	8	21

Winter Quarter (7)

DE 305 Clinical Sciences C	2	0
DE 310 Critical Thinking	1	0
DP 300 Practice Management	2	0
DP 301 Jurisprudence	1	0
DP 302 Clinical Care of Complex Needs Pts	2	0

DE 317 Patient Management & Productivity IV	0	2
DE 319 Clinical Diagnosis & Judgement IV	0	2
DE 366 Clinical Case Presentation	0	0
DE 368 Emergency	0	1
DP 307 Extramural Patient Care	0	1
EN 359 Clinical Endodontics	0	2
OS 339 Clinical OMFS	0	1
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth	0	3
RS 379 Clinical Restorative Dentistry IV	0	6
RS 387 Clinical Occlusion	0	1
Quarter Total:	8	20

Spring Quarter (8)

DE 306 Clinical Sciences D	2	0
DE 317 Patient Management & Productivity IV	0	2
DE 319 Clinical Diagnosis & Judgement IV	0	2
DE 366 Clinical Case Presentation	0	0
DE 368 Emergency	0	0
DP 307 Extramural Patient Care	0	1
EN 359 Clinical Endodontics	0	1
OS 339 Clinical OMFS	0	0
PR 356 Clinical Periodontics	0	1
RP 396 Clinical Remov Prosth	0	3
RS 379 Clinical Restorative Dentistry IV	0	6
Quarter Total:	2	16

Second Year Total: **27** **77**

Program Total: **81** **126**



IDS Twenty-Four Month Program Overview

■ = Clinics

First Year

QUARTER 1

	8	9	10	11	12	1	2	3	45
M		Dental Radiographic Technique				Seminar			
T	Pediatric Dentistry	Principles in Restorative Dentistry (lecture and lab)				Periodontal Diseases/Periodontics			
W		Principles in Restorative Dentistry (lecture and lab)				Principles in Restorative Dentistry (lecture and lab)			
Th		Principles in Restorative Dentistry (lecture and lab)				Principles in Restorative Dentistry (lecture and lab)			
F	Removable Prosthodontics	Preclinical Removable Prosthodontics Laboratory				Removable Prosthodontics	Preclinical Removable Prosthodontics Laboratory		

QUARTER 2

	8	9	10	11	12	1	2	3	4
M			Orientation to Comprehensive Patient Care Clinic					Orientation to Comprehensive Patient Care Clinic	Cariology
T	Pediatric Dentistry		Complex Issues in Restorative Dentistry (lecture and lab)				Periodontics	Local Anesthesia	
W			Complex Issues in Restorative Dentistry (lecture and lab)				Complex Issues in Restorative Dentistry (lecture and lab)		
Th	Ethics/ Pain		Complex Issues in Restorative Dentistry (lecture and lab)				Pharmacology	Complex Issues in Restorative Dentistry (lecture and lab)	
F			Removable Prosthodontics				Removable Prosthodontics		

QUARTER 3

	8	9	10	11	12	1	2	3	4	5
M		Clinical Practice				Endodontics	Preclinical Endodontic Technique			
T	Pharmacology	Advanced Techniques in Restorative Dentistry (lecture and lab)				Periodontics	Ethics			
W	Advanced Techniques in Restorative Dentistry (lecture and lab)					Advanced Techniques in Restorative Dentistry (lecture and lab)				
Th	Adv Tech Rest Dent (lecture and lab)	Clinical Practice				Pharmacology	Advanced Techniques in Restorative Dentistry (lecture and lab)			
F	Removable Prosthodontics			Human Growth & Dev		Oral & Maxillofacial Surgery	Clinical Practice			

QUARTER 4

	8	9	10	11	12	1	2	3	4	5
M		Clinical Practice				Endodontics	Oral Pathology			
T	Implants	Clinical Practice				Pharmacology	Ethics			
W	Clin App Rest Dent (lecture)	Guided Clinical Practice				Pharmacology	Guided Clinical Practice			
Th	Clin App Rest Dent (lecture)	Clinical Practice				Pharmacology	Clinical Application in Restorative Dentistry (lecture and lab)			
F	Orthodontics	Clinical Practice				Selectives	Oral & Maxillofacial Surgery	Clinical Practice		

Second Year

QUARTER 5

	8	9	10	11	12	1	2	3	4	5
M		Complex Needs	Clinical Sciences			Clinical Practice (Quarters 5 through 8), including: Clinical Case Presentation 50 hrs Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Ped Dent & Dent Aux Util 37 Applied Orthodontics 20 Facial Pain Clinic 07 Oral Medicine Clinic 04 Local Anesthesia 03				
T	Oral Pathology	Clinical Practice								
W	Oral Pathology									
Th	Orthodontics		Clinical Sciences							
F	Case Presentation	Clinical Practice								

Quarters 5-8 Monday and Thursday evening clinics, 5:30-8:30 p.m.

QUARTER 6

	8	9	10	11	12	1	2	3	4	5
M		Complex Needs	Practice Management			Clinical Practice (Quarters 5 through 8), including: Clinical Case Presentation 50 hrs Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Ped Dent & Dent Aux Util 37 Applied Orthodontics 20 Facial Pain Clinic 07 Oral Medicine Clinic 04 Local Anesthesia 03				
T	Differential Diagnosis of Oral Disease	Clinical Practice								
W	Differential Diagnosis of Oral Disease									
Th		Oral Radiographic Interpretation	Clinical Sciences							
F	Science of Dental Materials	Clinical Practice								

Quarters 5-8 Monday and Thursday evening clinics, 5:30-8:30 p.m.

QUARTER 7

	8	9	10	11	12	1	2	3	4	5
M		Jurisprudence	Practice Management			Clinical Practice (Quarters 5 through 8), including: Selectives 40 hrs Clinical Case Presentation 50 Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Facial Pain Clinic 07 Oral Medicine Clinic 04				
T	Critical Thinking	Clinical Practice								
W	Selectives									
Th		Complex Needs	Clinical Sciences							
F		Clinical Practice								

Quarters 5-8 Monday and Thursday evening clinics, 5:30-8:30 p.m.

QUARTER 8

	8	9	10	11	12	1	2	3	4	5
M		Preparation for State Licensure				Clinical Practice (Quarters 5 through 8), including: Clinical Case Presentation 50 hrs Extramural Practice 90 Emergency & Screening 90 Oral & MF Surgery 56 Facial Pain Clinic 07 Oral Medicine Clinic 04				
T		Clinical Practice								
W										
Th			Clinical Sciences							
F		Clinical Practice								

Quarters 5-8 Monday and Thursday evening clinics, 5:30-8:30 p.m.

Graduate Orthodontic Program

Classes begin each July for the 27-month graduate program in orthodontics. The program, instituted in 1971, is fully accredited by the Commission on Dental Accreditation. Instruction prepares the resident to provide excellent treatment based on contemporary biologic orthodontic principles and is recognized for educational eligibility by the American Board of Orthodontics.

Curriculum

Courses of instruction include principles of orthodontics, cephalometrics, biomechanics, craniofacial biology, research methodology, appliance laboratory, statistics, anatomy, oral pathology, research design, oral physiology, cleft lip and palate, comparative appliances, occlusion and gnathology, orthognathic surgery, practice management, and periodontic/orthodontic care. Faculty foster the collegial atmosphere with informal professional relationships and mutual respect among residents and faculty.

Clinical instruction and practice are conducted in the school's orthodontic clinic. Residents treat the entire range of orthodontic problems during seven one-half day clinics per week including three general, one mixed dentition, one adult care, and one surgical orthodontic clinic. Adult patients constitute about one-fourth of a resident's case load. Each resident starts 40-50 new patients and receives 50-60 transfer patients during their training. Residents are also rotated to the facial pain research and craniofacial anomalies clinics. Fixed appliance treatment employs the edgewise technique although instruction permits a wide latitude of clinical variation based on patient needs.

Each resident engages in an investigative project and must complete an acceptable thesis to qualify for the Master of Science in Dentistry degree.

Residents are scheduled for didactic and clinical instruction five full days (and some evenings) per week and full participation is required. While there is no prohibition of weekend private dental practice, residents' commitments during the program seriously limit this opportunity.

Academic Progress

Academic progress is reviewed quarterly and records are maintained by the department. Attendance and grading policies for this program, and access to the Student Appeals Committee, are generally the same for residents as for predoctoral students and many of those policies as currently in place are outlined elsewhere in this catalog under "Academic and Administrative Policies."

Graduation/Certification Requirements

The candidate for graduation and certification must demonstrate to the full satisfaction of the school the following: competence in the full range of contemporary orthodontic practice; completion of all technical and clinical requirements prescribed in the graduate orthodontic curriculum; achievement of passing grades in all required courses with a minimum grade point average (GPA) of 2.0 in didactic and clinical courses; design, completion, and presentation of an original research project in orthodontics and a thesis acceptable at the graduate level in the opinion of the Graduate Orthodontic Research Committee; return of all university property; and discharge of all financial obligations to the community and the school.

If in the judgement of the Graduate Orthodontic Academic Performance Committee the candidate has fully satisfied all requirements, the committee is authorized to recommend conferral of the Certificate in Orthodontics and the degree of Master of Science in Dentistry.

The committee may also recommend delay in an individual's graduation date. Committee recommendations are submitted to the dean, who is authorized to review and make final decisions in his/her discretion.

Tuition and Fees

Tuition and other financial matters and policies are described in this catalog under "Tuition and Fees." Required instruments may be obtained directly from suppliers at an educational discount, and textbooks may be purchased through the school's student store. Most assigned reading can be accomplished in the Health Sciences Library or the department's current periodicals file.

Student Financial Aid

Scholarships currently are unavailable for residents but loans are available in some circumstances. Complete information regarding loans is available from the director of financial aid in the Office of Student Services.

Admission Requirements and Application Procedures

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

The University of the Pacific School of Dentistry orthodontic department participates in the American Dental Education Association's Postdoctoral Application Support Service (PASS). PASS is a centralized application service for more than 400 participating postdoctoral dental education programs. Applicants can download the entire PASS application on the PASS website, www.ADEA.org, or complete an on-line application. Completed application materials must be received by PASS no later than mid-September (see website for actual date). The completed PASS application and all supporting documents must be received by the graduate orthodontic program admissions committee before October 1 prior to the year in which admission is sought. A non-refundable fee of \$40 is required by the school before processing of an application is initiated.



Advanced Education in General Dentistry

The University of the Pacific School of Dentistry has three sites for its Advanced Education in General Dentistry Program. The San Francisco site is located in the dental school. The Union City site is located approximately 35 miles Southeast of San Francisco. The third site is on the University of the Pacific Stockton campus in Stockton, California in the Thomas J. Long Health Sciences Center.

The AEGD program at all three sites are one-year, accredited postgraduate residencies in general dentistry with an optional second year. The core of the program involves advanced clinical treatment of patients requiring comprehensive general dental care. There is a comprehensive seminar series attended by residents at all sites that covers all the dental specialties as well as areas such as implantology, and providing dental care to people with complex medical, physical, and psychological conditions.

In San Francisco, advanced clinical instruction in all the dental specialties is supplemented by a variety of medical and dental seminars and by rotations in anesthesia and hospital dentistry. There is also training on dental care for persons who have developmental disabilities and people who are medically compromised or elderly.

In Union City, four senior undergraduate students regularly rotate from the main campus in San Francisco. Union City residents are directly involved in the clinical education of these students, giving the residents at this site unique teaching experience.

In Stockton, residents provide comprehensive dental care, attend supplemental seminars and rotations, supervise dental students and work with dental hygiene students in the combined hygiene and dental services community clinic.

At all sites, there is an opportunity to gain more in-depth training in an optional accredited second year residency training program. The second year allows greater flexibility to pursue individual interests, advanced clinical cases, teaching, or research projects.

The start date for the program is July 1. Residents have time off during the school's Christmas break and 5 days leave that can be scheduled with the approval of the site director.

There are **no tuition requirements** to participate in the program. Residents receive an educational stipend plus an incentive bonus based on clinical production. The program uses the American Dental Education Association's PASS application to receive application materials. For on-line information about the UOP AEGD Program application process, please visit our site on the Web at <http://www.dental.uop.edu>. Follow the links to Applicants, and Advanced Education in General Dentistry—Admissions Information.



Dental Hygiene Program

Recognizing the ever-increasing need for dental hygienists, the School of Dentistry and the university have united to offer a Bachelor of Science degree in dental hygiene. Offering the only accelerated dental hygiene degree in the nation, Pacific has created a unique program to attract highly qualified students.

Located in the new Thomas J. Long Health Science Learning Center and Clinics facility on the university's Stockton Campus, the dental hygiene program joins existing programs in pharmacy, speech language pathology, physical therapy and the dental school's new Advanced Education in General Dentistry (AEGD) program. Known for its state of the art dental facilities, Pacific's new hygiene facility and dental clinic provides students an outstanding learning environment.

Detailed information on the dental hygiene program is available at [www.pacific.edu/dental hygiene](http://www.pacific.edu/dental%20hygiene) or from the office of hygiene admissions at 209-946-2211.

Dental Hygiene Program Goals

The program goals and philosophy are consistent with the mission and educational goals of the university and the School of Dentistry.

The dental hygiene program will:

- ❑ Educate individuals who, upon completion of the program, will be professionally competent to provide quality dental hygiene care in an evolving profession.
- ❑ Provide patient-centered, quality care in an efficient clinical model that demonstrates the highest standards of service available.
- ❑ Provide opportunities for community based, experiential learning.

The program and its graduates will be distinguished by the following attributes:

- ❑ Continuous enhancement through professional development.
- ❑ Humanistic values that respect the dignity of each individual and foster the potential for growth in all of us.
- ❑ Application of theory and data for continuous improvement.
- ❑ Leadership in addressing the challenges facing the profession of dental hygiene, education and our communities.

General Education Curriculum

Presented in the first half of this 36-month year round program are general education courses providing a strong science background and a broad base in the humanities.

First Semester, First Year (16 units)

Principles of Biology (4 units)
General Chemistry (5 units)
Introduction to Psychology (4 units)
Mentor Seminar (3 units)

Second Semester, First Year (16 units)

Principles of Biology (4 units)
General Chemistry (5 units)
Introduction to Sociology (4 units)
Mentor Seminar II (3 units)

Summer Session (15 units)

General Education: Human Concerns (4 units)
General Education: Visual and Performing Arts (4 units)
Mathematics—Statistics (4 units)
Organic Chemistry (3 units)

Third Semester, Second Year (16 units)

English (4 units)
Communications (3 units)
Microbiology (4 units)
General Education: Intercultural Studies (4 units)



Oral and Maxillofacial Surgery Residency Program

Dental Hygiene Curriculum

Professional training is undertaken in the second half of the program. The curriculum provides students with the knowledge of oral health and disease as a basis for assuming responsibility to assess, plan, implement and evaluate dental hygiene services for both the individual patient and community oral health programs.

First Semester, Third Year (14 units)

Head and Neck Anatomy (2 units)
Dental Anatomy (1 unit)
Oral Radiology (2 units)
Oral Histology and Embryology (2 units)
Dental Hygiene Practice (3 units)
Pre-clinical Dental Hygiene (3 units)
Oral Health Education (1 unit)

Second Semester, Third Year (16 units)

Medical and Dental Emergencies I (1 unit)
Periodontics I (2 units)
General and Oral Pathology (2 units)
Pharmacology (3 units)
Pain Management (2 units)
Dental Hygiene Clinic I (6 units)

First Semester, Fourth Year (16 units)

Medical and Dental Emergencies II (1 unit)
Periodontics II (2 units)
Community Oral Health (2 units)
Patient Management/Special Needs (2 units)
Dental Hygiene Clinic II (6 units)
Senior Project I (3 units)

Second Semester, Fourth Year (17 units)

Biochemistry & Nutrition (2 units)
Dental Materials (2 units)
Ethics & Jurisprudence (2 units)
Dental Hygiene Clinic III (8 units)
Senior Project II (3 units)

Curriculum

Residents are educated in the basic sciences—anatomy, pathology, pharmacology, and physiology. Clinical practice includes dentoalveolar surgery, comprehensive management of the implant patient, comprehensive management of dentofacial and craniofacial deformities, surgical management of pathologic lesions, temporomandibular joint surgery, aesthetic surgery, reconstructive surgery and management of cleft lip and palate, and trauma management.

There are several hospitals and clinics to which the resident is assigned including: Highland Hospital, Kaiser Hospital in Oakland, Oakland Children's Hospital, La Clinica de la Raza, and the University of the Pacific School of Dentistry clinics.

The residency is forty eight (48) months in length, and is divided into thirty months of oral and maxillofacial surgery, four months of medicine, and four months of surgery (including trauma), four months of surgical specialties (ENT, neurosurgery, ophthalmology), two months of plastic surgery, one month of oral pathology, one month of medical specialties (cardiology and infectious diseases), and two months in the emergency room.

As a senior resident, six months are spent as chief at Highland Hospital where trauma and pathology are prevalent. Six months are spent at Kaiser Hospital where orthognathic and reconstructive surgery cases are seen in great numbers.

Stipend

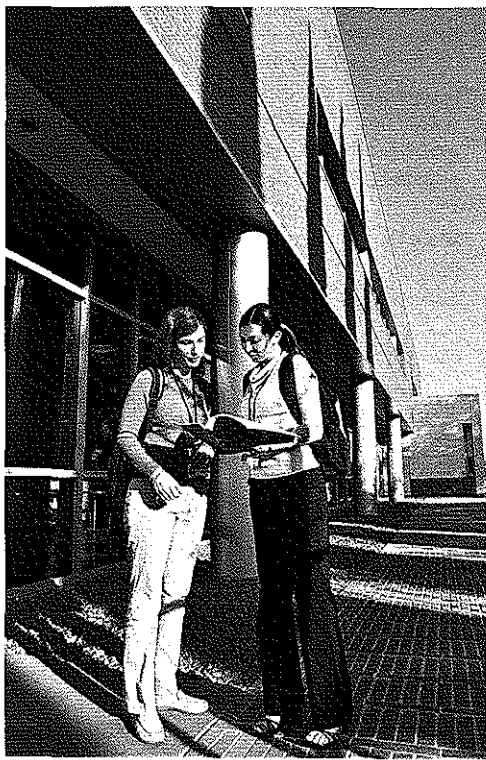
Residents receive PGY1 to PGY4.

Admission Requirements and Application

To apply to the program a candidate requires an undergraduate degree, transcripts showing a DDS or DMD degree, a completed PASS application, and three letters of recommendation. University of the Pacific/Highland participates in the National Matching Service.

For complete information please contact:

Angela Holland
Alameda County Medical Center
Highland Hospital Campus
Dental Clinic
1411 East 31st Street
Oakland, CA 94602



Tuition and Fees

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

Tuition

Tuition for the academic year 2004-2005 for the DDS and IDS programs is \$57,645. Tuition for the academic year 2004-2005 for the graduate orthodontics program is \$49,126 plus a \$1,250 resident fee to cover travel to professional meetings and the cost of board examinations.

Upon notification of acceptance, applicants are required to submit a nonrefundable \$1,000 enrollment fee (\$500 for the graduate orthodontic program) as directed in the acceptance letter in order to hold their place. The fee will be applied to first quarter tuition upon matriculation to the University of the Pacific. First quarter tuition is due and payable before the day of matriculation. Subsequent payment of tuition is due by the first day of each quarter and is prerequisite for registration and continued enrollment.

Tuition Refund

Withdrawal: Current policies provide that in response to written notice of withdrawal by an applicant, tuition credit shall be allocated as follows:

- Prior to matriculation: full credit less the enrollment fee.
- After matriculation: credit prorated according to calendar days after reduction by the enrollment fee (see below).
- After first day of class, second through final quarters: credit prorated according to calendar days as follows:

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

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

Extended Program

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

Readmission and Repeat

A student must pay any outstanding account balance to be eligible for readmission or to repeat all or part of an academic year.

Diplomas and Transcripts

A diploma or transcript of academic work will not be issued until a student's account with the university is paid in full and all other requirements have been satisfied in the judgment of the school.

Fees

The enrollment fee described above is nonrefundable. The list of fees and expenses below should not be considered complete for all students, and includes anticipated costs for outside agencies listed as "Special Fees". Fees listed below are estimated for the DDS program.

Fees for the International Dental Studies and the graduate orthodontics programs are available from the Division of International Dental Studies and the Department of Orthodontics, respectively.

DDS Program Fees, 2004-2005

(partial listing; some fees subject to adjustment)

	First Yr.
Application (nonrefundable)	\$ 75
Instrument Management	380
Student Doctoral Kit *	12,930
First Year Gold	500
Student Body **	116
Health Insurance	560
Disability Insurance	108
Technology fee	900
Optical loupes	600

Special Fees, 2002-2003 (partial)

ASDA Membership **	65
California Dental Assn. Membership**	5
Laboratory Fee	250

Total: \$16,489*

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

Store Refund Policy: A full refund is provided on non-kit items returned within five school days of the date of purchase and within university policy.

** **Fees** for student body, class, ASDA and CDA memberships vary each year according to decisions of the student body and the respective classes.

Student Accounts

Student accounts are provided for payment of fees and student store charges. This privilege may be restricted for cause.

Student accounts are billed on a monthly basis and are due and payable prior to the next billing date to avoid a late fee.

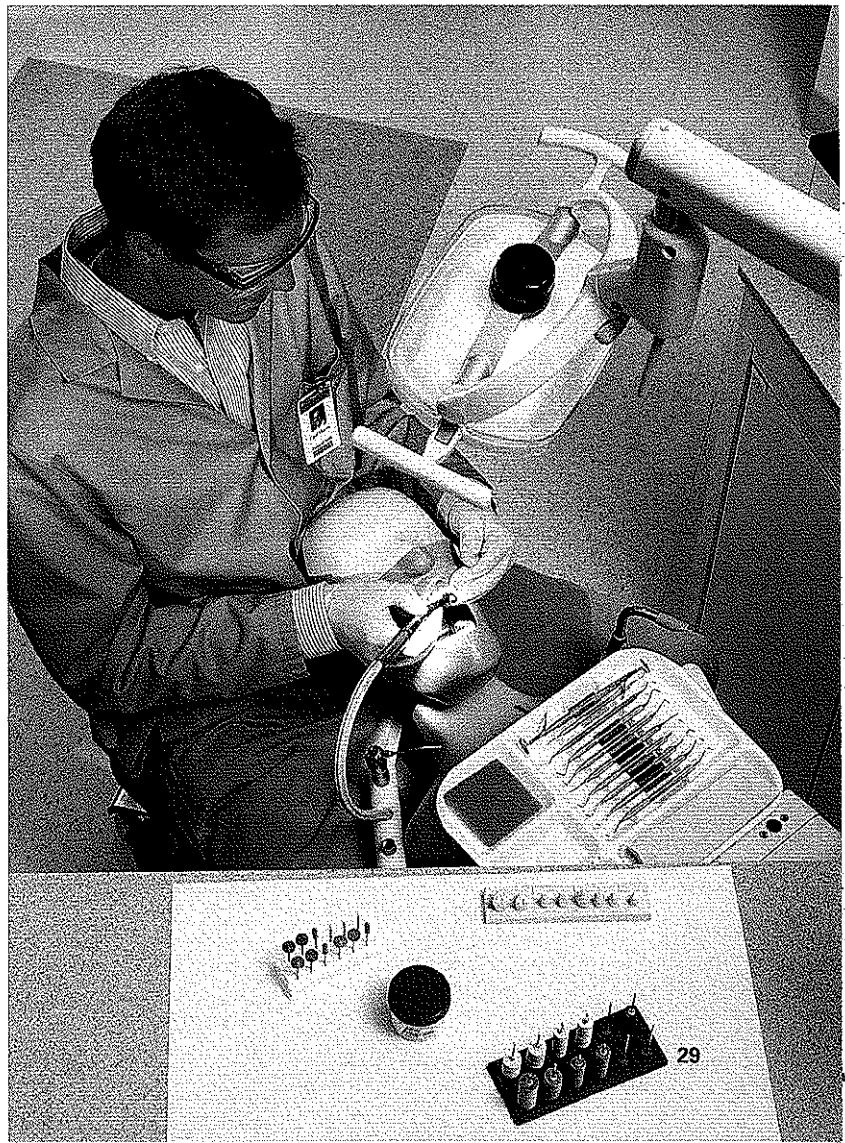
Students who fail to make payments on accounts in a timely fashion and as billed are subject to suspension from the academic program without further action or procedures. In addition, a student will not be deemed to have met graduation requirements, nor will a diploma or transcript of academic performance be issued, until a student's account with the university is paid in full.

Patient Accounts

The student is responsible for financial management of assigned comprehensive care patients. This responsibility includes charging correct fees for procedures authorized. Students will not receive credit for a procedure if financial arrangements have not been made prior to initiating care.

Foreign Students

In order to comply with regulations of the United States Immigration and Naturalization Service, the University of the Pacific requires applicants who are not citizens or permanent residents of the United States to submit a detailed certification of finances showing sufficient financial resources for study at the university. Other special information and instructions regarding the admission of foreign students will be provided upon request.



General Policies

Students who enroll in the School of Dentistry thereby 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 and 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, 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 Student Appeals Committee

The Student Appeals Committee and the Ethics Committee are available to conduct hearings on and consider student appeals to decisions related to student behavior that is alleged to violate the code of ethics.

All student appeals are the purview of the Student Appeals Committee—a faculty-administrative committee comprised of a chair appointed by the dean, three elected faculty members, and three elected students, one from each class. In addition, four elected faculty members and the vice president of each class may serve as alternates during committee review of an appeal or complaint that may involve an elected member or when an elected member is unable to be present. Committee functions are described in the catalog section titled "Standing Committees."

Recommendations of the committee are submitted to the dean for appropriate action, but are not submitted for further review by a faculty committee at the school. Review by the Student Appeals Committee shall not be regarded as forfeiting a petitioner's right to further recourse through university channels. Privileged information related to petitions, petitioners, and all deliberations and recommendations of the committee are to be treated as confidential and will remain "in committee" except as reported through appropriate channels.

Alcoholic Beverages

California state law stipulates that only persons twenty-one years of age or older may possess and consume alcoholic beverages. 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.

Dangerous Weapons

Possession or storage of firearms of all descriptions and of any instruments that are otherwise dangerous is not permitted on any university premises (including private residential areas) and will result in dismissal from the school.

Policy Statement Regarding Unlawful Discrimination and Harassment

University of the Pacific School of Dentistry makes admissions decisions regarding otherwise qualified students regardless of race, color, national and ethnic origin, ancestry, religion, religious creed, disability, citizenship status, military service status, medical conditions (cancer or genetic conditions), marital status, sexual orientation, gender, or age. It grants otherwise qualified students 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 above in the administration of its educational programs, admissions, scholarship and loans, athletics or other school activities.

Disabled Student Services

Recognizing that certain kinds of physical conditions present some practical problems, the School of Dentistry provides an enabling service to help compensate for the physical limitations that a disabled student may have. This service is administered jointly through the Office of Student Services and the Office of Academic Affairs. The school complies with applicable law regarding reasonable accommodation, aids and assistance for otherwise qualified students with disabilities. Any individual who has been offered admission is encouraged to discuss with the admissions office his or her needs for accommodation.

Academic Standards for Holding Student Office

In order to hold either elected or appointed office in the Associated Student Body of the School of Dentistry, a student must be registered for a full-time course of study each term during which office is held and must successfully complete these courses in order to continue in the position. Normally, a student may not be on either disciplinary or academic probation during the period of time in which he or she holds 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.

Academic and Administrative Policies

Academic and administrative policies set forth in this section are in force for the academic years 2004-2005 and 2005-2006. The right to change academic programs, policies, and standards at any time without prior notice is reserved by the university.

Registration

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

In order to receive credit for coursework taken during a particular term, every student must be properly registered during that term. It is the student's responsibility to comply with this policy. For continuing enrolled students, registration is held during final examinations for the ensuing quarter. Entering students register on matriculation day.

Records & Transcripts

An academic record 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 the students are protected. Students are notified annually of their rights under FERPA.

Directory information may be released by the School of Dentistry without the student's permission unless a request to block such a release is on file. Directory information is defined by the school as a student's name, telephone number, date and place of birth, dates of attendance, degrees, honors and scholarships received, local address, e-mail address, photograph, field of study, enrollment status, academic level, most recent educational institution attended, participation in officially recognized activities, and future practice plans. If a student wishes to have such information kept confidential, the student must file a written request with the Office of Academic Affairs by August 1. The official transcript shows all work completed to date, and is divided into four program years.

Upon written request by the student, an official transcript of the academic record is issued to whomever is designated, provided that 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 may receive unofficial copies of these documents.

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.

An excused absence is normally recognized when students call 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 in writing from both the associate deans for academic affairs and clinical services.

A student who is absent from school without permission ("unexcused absence") for five or more days in a single quarter, or who otherwise significantly fails to satisfy attendance requirements, may be dismissed.

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 following distribution 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. Conditions on such grades may be specified 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, if any; conditions and assignments for removing incompletes; and suggested alternatives for overcoming failing performance, if any exists.

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.

Academic and Administrative Policies

INC (incomplete)

An INC (incomplete) grade 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 F grades or conditional D grades.

Academic Probation

Academic probation is accorded 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 F or conditional D 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
- early positive intervention
- in-course remediation
- evaluation by health care professional to determine fitness for student activities
- alternative career counseling
- quarterly plan for reaching academic standards, signed by all faculty teaching that quarter
- financial aid evaluation.

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 F or conditional D grade.
- C. Examples of contract conditions include:
 - assignment of coach and required weekly meetings
 - restrictions on outside activities, living conditions
 - required professional assistance with diagnosed health, psychological, language, or learning problems
 - tutors
 - assignment to scheduled supplemental courses
 - regular meetings with therapist
 - alternate, extended, or different format final examinations.
- D. No student on contract is eligible to take National Dental Board Examinations without approval by the promotions committee.

Academic Disqualification

Academic disqualification may be recommended to the dean by the Student Academic Performance and Promotions Committee for any 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 the committee to ensure that all pertinent information has been considered. A faculty advisor will be assigned to the student to help prepare a statement to the committee.

If, in the judgement of the committee, 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:

- A. Continuation on academic contract
- B. Extension of the program
- C. Reenrollment in the subsequent class, or
- D. Reenrollment only through the normal admissions process, as appropriate to the student's educational needs.

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.

Academic and Administrative Policies

The Student Appeals Committee is responsible for review and recommendations of student-initiated petitions regarding recommendations or actions concerning grading, evaluation, and promotion.

Committees

Student Academic Performance and Promotions Committees

Functions: Student Academic Performance and Promotions Committees exist for each class. The committees evaluate records of student academic performance and progress; recommend 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 work 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 under "Academic and Administrative Policies."

Academic Advisory Committees

Functions: Academic Advisory Committees for each class review records of students who are on phase one academic probation to recommend intervention, and review records of students on phase two academic probation to draw up contracts. They also review the records of students who have failed their contracts and make recommendations to the Student Academic Performance and Promotion Committees.

Membership

First Year Committee

1. Director of academic affairs, chair
2. Associate dean for academic affairs
3. Two faculty members who teach in the first year
(preferably one basic scientist and one clinical scientist)
4. One second-year student, appointed by the class president

Second Year Committee

1. Director of academic affairs, chair
2. Associate dean for academic affairs
3. Second year clinic advisor
4. One faculty member who teaches in the second year
5. One third-year student, appointed by the class president

Third Year Committee

1. Director of academic affairs, chair
2. Associate dean for academic affairs
3. One third-year group practice administrator
4. One faculty member who teaches in the third year
5. One recent graduate or AEGD resident who attended Pacific

Student Appeals Committee

The Student Appeals Committee reviews and makes recommendations regarding student initiated appeals for reconsideration of faculty action with regard to grading, evaluation, and promotion; reviews and attempts to resolve all matters in which complaints are made by students against faculty members for unprofessional conduct; reviews, revises as necessary, and distributes copies of current ethics and professional appearance codes; and reviews and makes recommendations regarding discipline of students. In academic matters related to promotion and dismissal, the Student Appeals Committee will not attempt to substitute its judgement for the academic judgement of faculty or of the administration.

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 request permission from the dean and then file a written request in the Office of Academic Affairs. The records of a student who seeks to withdraw without first requesting permission will record a dismissal. A short leave of absence may be granted by the dean after consultation with the appropriate Student Academic Performance and Promotion Committee.

Graduation Requirements

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 dental board 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 school 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. The decision of the dean will be final.



Standing Committees

In keeping with university philosophy, the School of Dentistry incorporates expertise and perspectives of students, faculty, and administrators in the decision-making process through use of the committee system. Committees are designated according to areas of concern and authority or responsibility 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 Committees (three)
- Admissions Committee, DDS
- Admissions Committee, IDS
- Curriculum Committee
- Dental Faculty Council
- Faculty Appointment, Promotion, and Tenure Committee
- Research Committee
- Student Academic Performance and Promotions Committees (three)
- Student 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.

- Comprehensive Care Clinic Advisory Committee
- Directors of Independently Accredited Programs
- Ethics Committee
- Faculty Compensation Committee
- Faculty Evaluation Review Committee
- Clinical Quality Assurance Committee
- Strategic Planning 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.

- Administrative Council
- A. W. Ward Museum Committee
- Biosafety in Research Committee
- Comprehensive Care Clinical Advisory Committee
- Employee Recognition Committee
- Institutional Animal Care and Use in Research Committee
- Joint Pacific/CPMC Library Committee
- Managers and Directors Committee
- Outcomes Review Committee
- Postgraduate Studies Committee
- Radioactive Materials in Research Committee
- Safety Committee
- Store Committee
- Student Clinical Advisory Committee
- Student Financial Aid Committee

Services

Numerous resources are available to assist students in areas related to academic programs. Written descriptions of these service areas are distributed on matriculation day.

Business

The business office of the School of Dentistry is directed by the associate dean for business and financial services. Business affairs of the school include accounting services and the student store.

Student Services

Under direction of the associate dean of institutional advancement and student services, this office is responsible for recruiting students, contacting applicants, collecting data for the admissions committee, and providing consultation and assistance in nonacademic areas including: student financial aid, health matters and health insurance coverage, housing and on-campus social and fraternal group activities.

Student Store

The student store serves as a resource for students, faculty, staff, alumni, and guests of the School of Dentistry. The store stocks all materials, equipment, and supplies necessary for the educational program, all of which is available through the website, www.dentalstudent.com. The staff is well trained in the delivery of services in the dental environment and is eager to assist students in providing goods and services necessary to complete the program.

Student Financial Aid

Financial aid at the university 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. Furthermore, it 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.uop.edu or from the student 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 an apartment facility within walking distance of the campus. The Pacific apartment building contains unfurnished one-, two-, and three-bedroom apartments; study and lounge areas; laundry rooms; a dental laboratory; a physical fitness center; and offers 24 hour security. Rental eligibility is reserved for dental students registered and actively participating in the 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 tenth day of each month. Failure to pay on the due date will result in assessment of a late payment fee for each month's delinquency in payment. Such delinquency may result in suspension or termination from the educational program.

The school maintains a listing of off-campus, privately-owned apartments for interested students. The school does not endorse, investigate, or guarantee the tenability of listings or suitability of those responding to any off-campus listing.

Health Sciences Library

The Health Sciences Library of the University of the Pacific School of Dentistry and the California Pacific Medical Center is located diagonally across from the school on the southeast corner of Sacramento and Webster Streets. The library's collection includes 21,300 books, 120,000 bound journals, current receipt of 390 journals, and multimedia materials in a variety of formats. The library provides access to a comprehensive collection of print journals and books in all areas of dentistry and the basic and clinical sciences. The library maintains an extensive web site with a direct link from the dental school site which provides a gateway to bibliographic databases and the full-text of approximately 1,500 mediated research and consultation services and biomedical journals. Services provided by the library include: document delivery, mediated research services, library orientation and general reference services.

The library facility, built in 1910, underwent an extensive renovation in 1998 which incorporated design elements, furnishings and technology to complement the historic nature of the reading rooms and stacks. Computer workstations and audiovisual equipment may be found throughout the building as well as a videoconferencing facility. In addition, the building provides study tables, group study rooms, and individual study carrels with network and internet access through hardwire and wireless connectivity.

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

Library hours are:

Monday-Thursday: 8:00 AM to 11:00 PM

Friday: 8:00 AM to 6:00 PM

Saturday: 9:00 AM to 5:00 PM

Sunday: 1:30 PM to 9:30 PM

Orientation and Counseling

First-year students participate in a mandatory orientation event held on the university's Stockton campus approximately one month after matriculation. Through discussions with upper class students, faculty, advisors, and administrators, new students are acquainted with the various aspects and demands of the dental educational program and with ongoing student activities.

Many faculty who teach first-year courses serve as advisors to new students to provide friendly ears and sounding boards for their concerns and to assist them in the transition from general to professional education. Students are assigned an advisor at the beginning of their first year. Second- and third-year students have access to their assigned group practice clinic administrator as well as course directors and other faculty members.

Academic counseling is provided by assigned advisors as well as course directors, faculty, the associate dean for academic affairs and scholarship, and the director of 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 counselor retained by the university trained in student stress and study skills problems are available on an on-call basis.

Dental and Orthodontic Treatment Benefits

Dental and orthodontic treatment benefits are available at the School of Dentistry during regular clinic hours for students in good standing and their spouses and children (living at home) who request and are accepted for dental care, except orthodontics, at no charge beyond the cost of precious metals and laboratory fees. Orthodontic care is provided at 50 percent of the established clinic fee schedule.

Development

The associate dean for institutional advancement and student services assumes primary responsibility for identification and acquisition of charitable gifts for capital and operating funds of the School of Dentistry. The associate dean also provides consultation regarding long term development, and staff support for the board of directors of the Pacific Dental Education Foundation, the major fund raising body for the school.

Public Relations

The main function of the Office of Public Relations is to promote the School of Dentistry, including its students, faculty, staff, alumni, and clinics, to various target audiences. The public relations office handles media relations, special events, and marketing for the school, in addition to contributing to *Contact Point*, the dental school's alumni magazine. The public relations staff also coordinates many events throughout the year, including Pacific Pride Day, Thanks-A-Bunch Brunch, the White Coat Ceremony and the annual P&S Donor Ball.

Postgraduate Studies

The division of postgraduate studies provides dynamic multidisciplinary continuing education programs for members of the dental and other health professions. Program formats include or combine didactic, laboratory workshops, and hands-on clinical sessions with live-patient treatment, and range from half-day to multiple sessions. The division offers more than 90 courses each year presented by many of the profession's outstanding leaders. Annual attendance at clinical and lecture presentations exceeds 5,000 dentists and dental auxiliaries. Courses are offered at the dental school as well as throughout California, the United States, and in foreign countries.

Dental students and faculty are encouraged to attend continuing education courses offered by the division at discounted tuition rates. Tuition charges are minimal for students and faculty depending on the particular program. Recent Pacific graduates are entitled to enroll in two open enrollment lecture courses by presenting their graduation coupons at the time of registration for a postgraduate studies program.

California Dental Licensure

To practice in California, graduates must pass the Dental Board of California Licensure Examination given at multiple sites and times each year. University of the Pacific graduates are offered the opportunity to take these examinations at the school sometime around graduation. The state requires successful completion of the National Dental Board Examination before applicants are admitted for state examinations. National Dental Board Examinations are given in two parts: Part I covering basic sciences and Part II covering 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 and certification to take licensure examinations.

Administration

Arthur A. Dugoni, DDS, MSD, BS

Dean

Robert H. Christoffersen, BS, DDS, MA

Executive Associate Dean

Roy C. Bergstrom, BA, MA, PhD, MBA

Associate Dean for Business and Financial Services

David W. Chambers, AB, EdM, PhD, MBA

Associate Dean for Academic Affairs and Scholarship

Richard E. Fredekind, BS, DMD, MA

Associate Dean for Clinical Services

Paul Glassman, DDS, MA, MBA

Associate Dean for Information and Educational Technology

Eddie K. Hayashida AB, DDS, MBA

Associate Dean for Administration

David B. Nielsen, BA, DDS, MA

Associate Dean for Postgraduate and Community Programs

Craig S. Yarborough, BS, DDS, MBA

Associate Dean for Institutional Advancement and Student Services

Stefan Highsmith, BS, PhD

Research Coordinator

Kara C. Bell, BS

Director of Human Resources

Daniel J. Bender, BA, MA

Director of Academic Affairs

Eve J. Cuny, BA, MA

Director of Environmental Health and Safety

Berney R. Neufeld, BA, MA, PhD

Director of Development

Kara A. Sanchez, BA

Director of Public Relations

Joan M. Yokom, BS

Director of Design and Photo

Emeritus Faculty

Those 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)

Alfred E. Gilmour, MA

Associate Dean Emeritus, Student Affairs (1967 - 1990)

Raymond J. Graves, DDS

Professor Emeritus of Diagnostic Sciences (1968 - 1977)

Walter Hall, DDS

Professor Emeritus of Periodontics (1972 - 2002)

Milton C. Lambertson, BA

Associate Dean Emeritus of Business and Financial Services (1954 - 1996)

Arthur M. LaVere, DDS

Professor Emeritus of Removable Prosthodontics (1968 - 1998)

Alan S. Leider, DDS

Professor Emeritus of Diagnostic Sciences (1975 - 1998)

Ernest H. Moser, Jr., DDS

Professor Emeritus of Periodontics (1963 - 1977)

Dale F. Redig, DDS

Professor Emeritus of Pediatric Dentistry

Dean Emeritus (1969 - 1978)

Robert J. Sarka, DDS

Professor Emeritus of Removable Prosthodontics (1981 - 2004)

Roland C. Smith, DDS

Professor Emeritus of Removable Prosthodontics (1968 - 1998)

Don E. Strub, DDS

Professor Emeritus of Diagnostic Sciences, Radiology (1966 - 1993)

Paul R. Thomassen, Jr., DDS

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

John J. Tocchini, DDS

Professor Emeritus of Pediatric Dentistry (1937 - 1973)

Dean Emeritus (1953 - 1967)

Robert H. Ahlstrom

Associate Professor of Removable Prosthodontics
BS, Arizona State University, 1972
DDS, University of the Pacific, 1975
MS, University of North Carolina, Chapel Hill, 1977

Brand Ahn

Clinical Assistant Professor of Periodontics
BS, University of Chicago, 1993
DDS, Columbia University School, 2000
MS, University of California, San Francisco, 2003

Michael Akintola Ajayi

Clinical Associate Professor of Oral Surgery
BDS, University of Lagos, Nigeria, 1975
BSc, University of Toronto, 1981

Tamer Alpagot

Associate Professor of Periodontics
DDS, Ege University, Turkey, 1983
PhD, Hacettepe University, Turkey, 1986
PhD, University of Minnesota, 1995

Leigh Charles Anderson

Professor of Anatomy
BS, University of Minnesota, 1971
DDS, University of Minnesota, 1977
PhD, University of Minnesota, 1979

Michel Arendareff

*Clinical Assistant Professor of
Diagnostic and Emergency Services*
BA, San Francisco State University, 1978
DDS, Northwestern Dental School, 1982

Homayon Asadi

Clinical Assistant Professor of Anatomy
BS, Jose State University, 1984
DDS, University of the Pacific, 1988

Veronica Avalos

Clinical Instructor of Restorative Dentistry
BS, Santa Clara University, 1997
DDS, University of the Pacific, 2000

Rene A. Bagus

Clinical Instructor of Removable Prosthodontics
DDS, University of the Pacific, 2001

Rahmat Barkhordar

Clinical Associate Professor of Periodontics
DDS, Shiraz University, Iran, 1972

Zuri M. Barniv

Assistant Professor of Dental Practice
BS, University of California, Davis, 1995
DDS, University of the Pacific, 2000

William C. Barthold

Clinical Assistant Professor of Restorative Dentistry
BA, Indiana University, 1971
DDS, University of Michigan, 1975

Francoise Elisabeth Bason

Clinical Instructor of Restorative Dentistry
BA, University of California, Berkeley, 1993
DDS, University of the Pacific, 1998

Sheldon L. Baumrind

Clinical Professor of Orthodontics
BS, New York University, 1943
DDS, New York University, 1947
MS, Oregon Health Sciences University, 1968

Anoop Sufi Bawa

*Clinical Assistant Professor of
Diagnostic and Emergency Services*
DMD, Tufts University, 1996

Michael Lawrence Beckley

Clinical Assistant Professor of Oral Surgery
BS, Texas Christian University, 1992
DDS, Baylor College of Dentistry, 1997

Edmond Bedrosian

Clinical Associate Professor of Oral Surgery
BS, University of San Francisco, 1981
DDS, University of the Pacific, 1986

Roy C. Bergstrom

Associate Professor of Dental Practice
BA, Knox College, 1973
AM, University of Illinois, 1975
PhD, University of Illinois, 1980
MBA, University of the Pacific, 1999

Roger P. Boero

Clinical Associate Professor of Orthodontics
DDS, College of Physicians & Surgeons, 1964
MSD, University of the Pacific, 1995

John A. Boghosian

Clinical Assistant Professor of Oral Surgery
BA, San Francisco State University, 1984
DDS, University of California, San Francisco, 1988

Robert L. Boyd

Professor of Orthodontics
BS, Indiana University, 1966
DDS, Temple University, 1970
MED, University of Florida, 1981

David Clifford Brown

Clinical Associate Professor of Endodontics
BSD, Newcastle University, England, 1988
MSD, Newcastle University, England, 1993
MSD, Indiana University, 1994

Ronald Brown

Clinical Associate Professor of Endodontics
DDS, College of Physicians & Surgeons, 1957
MS, Loyola University of Chicago, 1984

Gretchen J. Bruce

Clinical Assistant Professor of Periodontics
BA, Northwestern University, 1976
BS, University of Illinois, 1983
DDS, University of Illinois, 1983
MBA, University of the Pacific, 1999

Philip M. Buchanan

Clinical Instructor of Restorative Dentistry
AA, Santa Monica City College, 1963
DDS, University of Southern California, 1968

Alan W. Budenz

Associate Professor of Diagnostic and Emergency Services
BS, Oregon State University, 1972
MS, University of California, Los Angeles, 1977
BS, University of California, San Francisco, 1982
DDS, University of California, San Francisco, 1982
MBA, University of the Pacific, 1999

Dorothy T. Burk

Associate Professor of Anatomy
BA, University of New Hampshire, 1972
PhD, University of Michigan, 1976
MA, University of the Pacific, 1994

Sean K. Carlson

Clinical Assistant Professor of Orthodontics
DMD, Harvard School of Dental Medicine, 1994
MSD, University of California, San Francisco, 1998
MS, University of California, San Francisco, 1998

William M. Carpenter

Professor of Pathology and Medicine
DDS, University of Pittsburgh, 1964
MS, George Washington University, 1973

Angelle Marie Casagrande

Assistant Professor of Oral Surgery
BS, St. Mary's College of California, 1990
DDS, University of the Pacific, 1994
MD, University of California, Los Angeles, 1997

Daniel M. Castagna

Clinical Assistant Professor of Restorative Dentistry
BA, University of the Pacific, 1978
DDS, University of the Pacific, 1981

Pedro A. Caturay

*Clinical Assistant Professor of Diagnostic and
Emergency Services*
BS, San Francisco State University, 1985
DDS, University of the Pacific, 1991

Chetna Chadha

Clinical Instructor of Restorative Dentistry
BDS, Dav (C) Dental College, India, 1995
DDS, University of the Pacific School, 2001

David William Chambers

Professor of Dental Practice
AB, Harvard University, 1965
EdM, Harvard University, 1966
PhD, Stanford University, 1969
MBA, San Francisco State University, 1979

Gina S. Chann

*Clinical Assistant Professor of Diagnostic and
Emergency Services*
BS, University of California, Davis, 1986
DDS, University of the Pacific, 1989

Peter F. Chase

Clinical Associate Professor of Pathology and Medicine
BA, University of California, Davis, 1967
DDS, Creighton Dental University, 1971
MA, University of the Pacific, 1994

Faculty

Elisa Marie Chavez

Assistant Professor of Removable Prosthodontics
BS, Saint Mary's College of California, 1990
DDS, University of California, San Francisco, 1994

Abida Tariq Cheema

Clinical Assistant Professor of Periodontics
BSc, Lahore College for Women, Pakistan, 1970
BDS, de' Montmorency College of Dentistry, Pakistan, 1974
MSc, Eastman Institute of Dental Surgery, England, 1986

Jiangkai Chen

Clinical Instructor of Restorative Dentistry
MED, West China University of Medical Sciences, 1989
DDS, University of the Pacific, 2003

Jenyin Chen

Clinical Instructor of Removable Prosthodontics
BDS, National Taiwan University, 1987
DDS, University of the Pacific, 1998

Dudley Cheu

Clinical Assistant Professor of Restorative Dentistry
BA, Pacific Union College, 1965
DDS, Northwestern University, 1970
MBA, University of the Pacific, 1999

Russell G. Choy

Clinical Assistant Professor of Restorative Dentistry
BA, University of California, Berkeley, 1984
DDS, University of the Pacific, 1987

Howard H. Chi

Assistant Professor of Dental Practice
BA, University of the Pacific, 1985
DMD, Temple University, 1989
MA, University of the Pacific, 2000

Robert H. Christoffersen

Professor of Restorative Dentistry
BA, San Francisco State University, 1963
DDS, University of the Pacific, 1967
MA, University of the Pacific, 1980

April B. Chun

Assistant Professor of Restorative Dentistry
AB, University of California, Berkeley, 1977
BS, University of California, San Francisco, 1981
DDS, University of California, San Francisco, 1981

Richard P. Cohan

*Associate Professor of Diagnostic and
Emergency Services*
BA, University of California, Berkeley, 1966
DDS, Case Western Reserve University, 1972
MS, Southern Methodist University, 1969
MA, University of the Pacific, 1979
MBA, University of the Pacific, 1999

Joel A. Cohen

Research Professor of Physiology
BA, Harvard University, 1962
MS, University of Illinois, 1964
PhD, University of Illinois, 1968

Jarrod C. Cornehl

Clinical Instructor of Restorative Dentistry
BS, Texas A&M University, 1996
DDS, University of Texas, San Antonio, 2002

Richard Douglas Crowe

Clinical Assistant Professor of Dental Practice
BA, San Jose State University, 1966
DDS, University of the Pacific, 1970

Evelyn Cuny

Assistant Professor of Pathology and Medicine
BA, St. Mary's College, 1998
MS, St. Mary's College, 2001

Sean C. Curry

Clinical Assistant Professor of Orthodontics
MS, University of California, Berkeley, 1981
PhD, University of California, Berkeley, 1985

Mark S. Deukmedjian

Clinical Assistant Professor of Restorative Dentistry
BS, University of California, Irvine, 1993
DDS, University of the Pacific, 1996

James S. Dower

Clinical Associate Professor of Restorative Dentistry
AA, College of Marin, 1967
BS, California State University, Hayward, 1973
DDS, University of the Pacific, 1976
MA, University of the Pacific, 1994

Qinde Forest Duan

Clinical Assistant Professor of Restorative Dentistry
DMD, Shanghai No.2 Medical University, China, 1983
MS, University of Louisville, 1987

Arthur A. Dugoni

Professor of Orthodontics
BS, Gonzaga University, 1944
DDS, College of Physicians & Surgeons, 1948
MSD, University of Washington, 1963

Stafford Justin Duhn

Clinical Instructor of Removable Prosthodontics
BA, University of California, Berkeley, 1981
DDS, University of the Pacific, 1984

Dawn M. Dukes

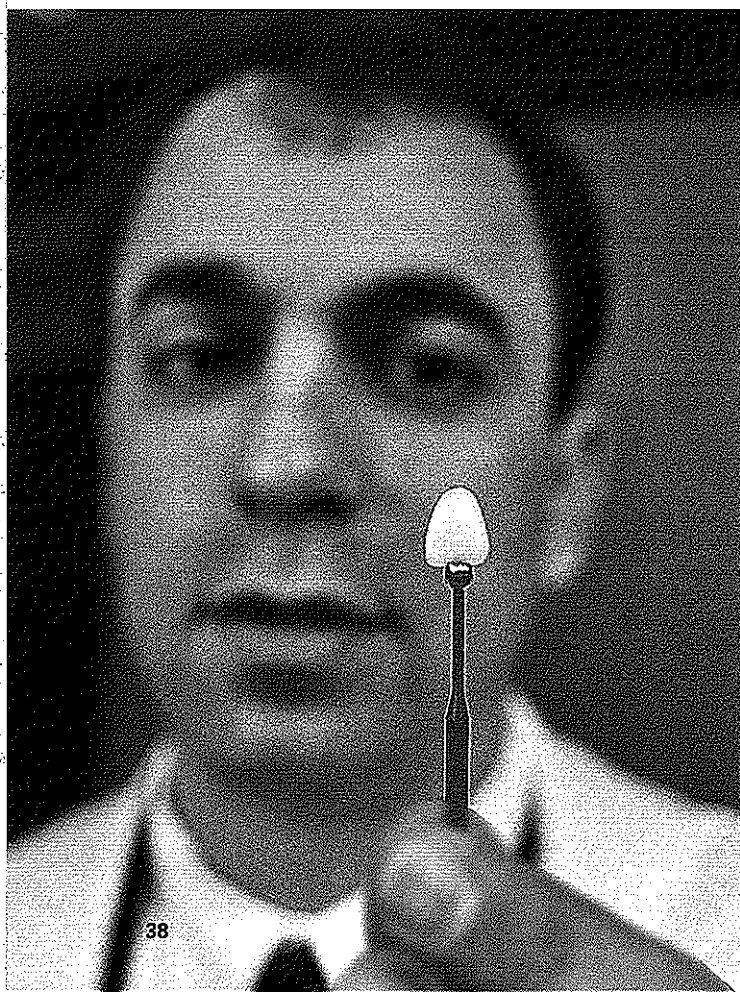
*Clinical Assistant Professor of Diagnostic and
Emergency Services*
DDS, University of the Pacific, 1991

Nejat A. Düzgüneş

Professor of Microbiology
BS, Middle East Technical University, Turkey, 1972
PhD, State University of New York at Buffalo, 1978

Charles M. Eliason

Clinical Associate Professor of Removable Prosthodontics
BS, University of California, Berkeley, 1967
DDS, University of California, San Francisco, 1971
MA, University of the Pacific, 1979



Lewis R. Eversole

Clinical Professor of Pathology and Medicine
BS, Indiana State University, 1964
DDS, Indiana University, 1968
MSD, Indiana University, 1970
MA, University of the Pacific, 1979

Mohamed S. Fallah

Clinical Associate Professor of Orthodontics
BSD, University of London, England, 1969
MSD, University of Pittsburgh, 1976

Noelle Meconi Fanucci

Clinical Assistant Professor of Restorative Dentistry
BS, Marquette University, 1985
DDS, University of the Pacific, 1991
MA, University of the Pacific, 1996

Vincent Wayne Farhood

Clinical Associate Professor of Oral Surgery
BS, University of California, Davis, 1996
DDS, University of the Pacific, 1999

Peter Farmer

Clinical Assistant Professor of Restorative Dentistry
BS, University of the Pacific, 1983
DDS, University of California, San Francisco, 1998

Kian Farzaneh

Clinical Instructor of Oral Surgery
BS, San Francisco State University, 1996
DDS, University of the Pacific, 1999

Nava Fathi

Clinical Assistant Professor of Endodontics
BS, University of California, Irvine, 1992
DDS, University of the Pacific, 1995

Brian Feiger

Clinical Assistant Professor of Endodontics
DDS, Northwestern University, 1988

Fred J. Fendler

Clinical Assistant Professor of Diagnostic and Emergency Services
BS, University of San Francisco, 1970
DDS, University of the Pacific, 1974

Bruce B. Fogel

Clinical Assistant Professor of Endodontics
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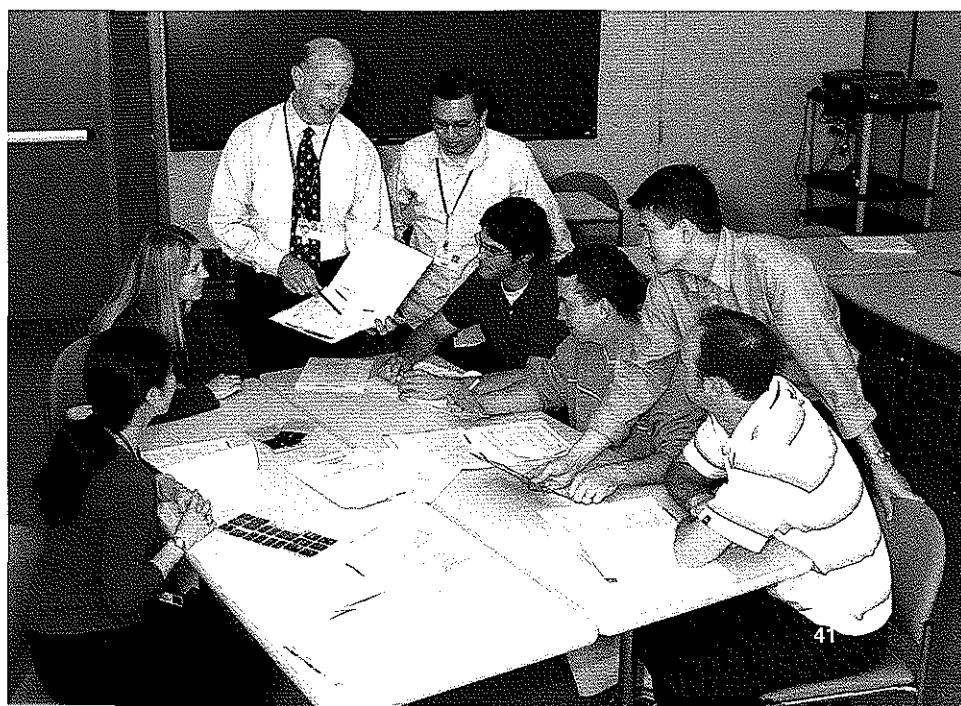
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DDS, University of California, San Francisco, 1982

Charles Wilber Halterman

Adjunct Assistant Professor of Pediatric Dentistry
BS, Chico State College, 1976
DDS, University of California, San Francisco, 1980
MA, University of the Pacific, 1993

Harry H. Hatasaka

Adjunct Associate Professor of Orthodontics
DDS, Northwestern University, 1954
MSD, University of Washington, 1960

Joseph L. Henry

Adjunct Professor of Dental Practice
DDS, Howard University, 1946
MS, University of Illinois, 1949
PhD, University of Illinois, 1951
BS, Xavier University, 1978

Shelton Hsu

Adjunct Assistant Professor of Orthodontics
BS, Pacific Union College, 1996
DDS, Loma Linda University, 2000
MS, Loma Linda University, 2002

Hamed H. Javadi

Adjunct Assistant Professor of Periodontics
BSc, University of Toronto, 1995
DDS, Case Western Reserve University, 1999
MS, Ohio State University, 2002

Jack T. Jennings

Adjunct Instructor of Restorative Dentistry
BS, Loma Linda University, 1951
DDS, Loma Linda University, 1958

Dennis M. Kalebjian

Adjunct Assistant Professor of Dental Practice
DDS, University of the Pacific, 1978

Herbert W. Kaplan

Adjunct Associate Professor of Orthodontics
DDS, Ohio State University College, 1962
MS, University of Detroit, 1977

Mikhail I. Khoroshev

Adjunct Assistant Professor of Microbiology
BS, St Petersburg State University, Russia, 1979
PhD, Institute of Cytology of the Russian Academy of Sciences, 1992

John E. Kiesselbach

Adjunct Associate Professor of Oral Surgery
BS, University of California, Davis, 1971
DDS, University of the Pacific, 1974

Joseph S. Kim

Adjunct Assistant Professor of Oral Surgery
BS, Emory University, 1987
DMD, Tufts University, 1991

Amir R. Koopah

Adjunct Instructor of Diagnostic and Emergency Services
AA, Santa Monica College, 1992
BS, San Francisco State University, 1994
DDS, University of California, San Francisco, 1999

Bertram H. Kotin

Adjunct Assistant Professor of Dental Practice
BS, City College of New York, 1943
DDS, New York University, 1946

Terrence Y. Lau

Adjunct Assistant Professor of Pediatric Dentistry
DDS, University of Southern California, 1999

Gregory Scott Lee

Adjunct Assistant Professor of Oral Surgery
BA, University of the Pacific, 1984
DDS, University of the Pacific, 1987

Lawrence M. LeVine

Adjunct Assistant Professor of Endodontics
BS, University of Illinois, Urbana, 1958
DDS, University of Illinois, Chicago, 1962

William S. Lieber

Adjunct Associate Professor of Orthodontics
BS, Tufts University, 1962
DMD, University of Pennsylvania, 1966
MSD, University of the Pacific, 2001

Angela Lin

Adjunct Assistant Professor of Periodontics
DDS, Columbia University, 2000
MS, University of California, San Francisco, 2003

Garret Madderra

Adjunct Instructor of Dental Practice
BA, Loma Linda University, 1985
DDS, University of the Pacific, 1991

Yolanda Mangrum

Adjunct Instructor of Diagnostic and Emergency Services
BS, University of California, Riverside, 1992
BS, University of California, San Francisco, 1997
DDS, University of California, San Francisco, 1997

Scott E. Meyers

Adjunct Assistant Professor of Dental Practice
DDS, Case Western Reserve University, 1993

Scott W. Milliken

Adjunct Assistant Professor of Periodontics
BA, San Jose State University, 1984
DDS, University of the Pacific, 1987
MS, Northwestern University, 1989

Alexei Igor Mizin

Adjunct Instructor of Oral Surgery
DMD, Boston University, 2000

Anthony Mock

Adjunct Instructor of Dental Practice
AB, University of California, Berkeley, 1975
DDS, Case Western Reserve University, 1980

Manuel F. Morales

Adjunct Professor of Physiology
AB, University of California, Berkeley, 1939
MA, Harvard University, 1941
PhD, University of California, Berkeley, 1942

Keith Trygve Nelson

Adjunct Associate Professor of Oral Surgery
BS, Marietta College, 1970
DDS, New York University, 1974

Cuong Van Nguyen

Adjunct Assistant Professor of Orthodontics
BS, University of Tennessee, 1979
MS, University of Tennessee, 1979
MBA, University of Miami, 1985
DDS, University of California, Los Angeles, 2000
MS, Temple University, 2002

Ned Leonard Nix

Adjunct Associate Professor of Oral Surgery
BS, University of California, Davis, 1986
DDS, University of the Pacific, 1995

Kevin J. O'Neill

Adjunct Assistant Professor of Endodontics
BS, University of California, Berkeley, 1973
DDS, University of the Pacific, 1976
MSD, University of Washington, 1981

Brigitte Papahadjopoulos-Sternberg

Adjunct Associate Professor of Microbiology
BS, Karl-Marx-University & Humboldt University, Berlin, 1971
PhD, Humboldt University, Berlin, 1976

Barrett J. Parker

Adjunct Associate Professor of Orthodontics
DDS, University of the Pacific, 1968
MS, Georgetown University, 1971

John J. Petrini

Adjunct Assistant Professor of Dental Practice
DDS, University of the Pacific, 1975

Peter J. Picard

Adjunct Associate Professor of Orthodontics
BA, University of California, Berkeley, 1943
DDS, University of California, San Francisco, 1947

Thomas R. Pitts

Adjunct Associate Professor of Orthodontics
DDS, University of the Pacific, 1965
MSD, University of Washington, 1970

Farhan M. Qureshi

Adjunct Instructor of Dental Practice
DDS, Baquai Dental Hospital, Pakistan, 1996
DDS, Boston University, 2002

Vernon P. Rabbach

Adjunct Associate Professor of Pediatric Dentistry
BA, Reed College, 1958
DDS, College of Physicians & Surgeons, 1965
MA, University of the Pacific, 1994

Adjunct Faculty

Sanford Lee Ratner

Adjunct Associate Professor of Oral Surgery
DDS, Northwestern University, 1977

Martin S. Rayman

Adjunct Professor of Pediatric Dentistry
BA, Queens College, 1967
DDS, New York University, 1971

W. Ron Redmond

Adjunct Associate Professor of Orthodontics
BA, University of California, Riverside, 1962
DDS, University of the Pacific, 1966
MS, University of Southern California, 1970

Gary D. Richards

Adjunct Instructor of Anatomy
AA, Chabot College, 1977
BA, University of California, Berkeley, 1980
MA, University of California, Berkeley, 1984

Michael R. Ricupito

Adjunct Associate Professor of Orthodontics
BA, San Jose State University, 1980
DDS, University of the Pacific, 1983
MS, University of California, Los Angeles, 1987

Eric S. Salmon

Adjunct Instructor of Restorative Dentistry
BS, Harvey Mudd College, 1993
DDS, University of the Pacific, 1999

Ronald J. Sani

Adjunct Assistant Professor of Dental Practice
BS, University of California, Santa Clara, 1972
DDS, University of the Pacific, 1975

Lary J. Schiller

Adjunct Assistant Professor of Dental Practice
DDS, Ohio State University, 1963

Donald C. Schmitt

Adjunct Assistant Professor of Pediatric Dentistry
BA, University of California, Berkeley, 1993
DDS, University of the Pacific, 1999

Shahryar Sefidpour

Adjunct Assistant Professor of Orthodontics
DDS, University of California, San Francisco, 2000
MS, University of the Pacific, 2002

C. Ray Sheppard

Adjunct Instructor of Dental Practice
BS, California State University, Hayward, 1972
DDS, University of Pittsburgh, 1972

Casey K. Shimane

Adjunct Assistant Professor of Oral Surgery
BS, University of California, Davis, 1991
BA, University of California, Davis, 1991
DDS, Northwestern University, 1995

Nancy R. Shine

Adjunct Assistant Professor of Microbiology
BA, University of California, Santa Cruz, 1978
PhD, University of California, San Francisco, 1984

Ben Shyy

*Adjunct Assistant Professor of Diagnostic and
Emergency Services*
DDS, National Defense Medical Center, Taiwan, 1975
PhD, State University of New York, Buffalo, 1985
DDS, University of the Pacific, 1990

Richard Stephen Sobel

Adjunct Associate Professor of Pediatric Dentistry
BA, Queens College, New York, 1963
DDS, State University of New York, Buffalo, 1967

Christopher J. Spencer

Adjunct Assistant Professor of Restorative Dentistry
BA, University of California, Santa Barbara, 1974
DDS, University of the Pacific, 1978

Jon Eric Steffensen

Adjunct Assistant Professor of Oral Surgery
BA, University of California, Santa Cruz, 1990
DDS, University of the Pacific, 1993

Rene Sterental

Adjunct Assistant Professor of Orthodontics
DDS, Universidad Central de Venezuela, 1985

Stanley Surabian

Adjunct Associate Professor of Dental Practice
DDS, University of Southern California, 1969
JD, San Joaquin College of Law, 1992

Charles Samuel Syers

Adjunct Associate Professor of Oral Surgery
DDS, University of Michigan, 1965
MA, University of Illinois, 1968

Ben Francis Tarsitano

Adjunct Associate Professor of Oral Surgery
DDS, Ohio State University, 1976
MD, Saint Louis University, 1991

Ariane Terlet

Adjunct Instructor of Dental Practice
BA, University of California, Berkeley, 1980
DDS, University of the Pacific, 1986

Kenneth W. Tittle

Adjunct Assistant Professor of Endodontics
BS, University of California, Santa Barbara, 1985
DDS, University of the Pacific, 1989
MS, Loma Linda University, 1995

Len Tolstunov

Adjunct Assistant Professor of Oral Surgery
DDS, Moscow Dental Institute, Russia, 1985
DDS, University of the Pacific, 1992

Claudine P. Torfs

Adjunct Assistant Professor of Orthodontics
MS, University of California, Berkeley, 1978
PhD, University of California, Berkeley, 1984

Julia H. Townsend

Adjunct Associate Professor of Oral Surgery
BS, University of the Pacific, 1980
DDS, University of the Pacific, 1983

Bruce G. Toy

Adjunct Assistant Professor of Restorative Dentistry
DDS, University of the Pacific, 1981
BA, California State University, San Francisco, 1969
MEd, University of the Pacific, 1977

Henry O. Trowbridge

Adjunct Professor of Pathology and Medicine
DDS, College of Physicians & Surgeons, 1951
PhD, University of California, Berkeley, 1963

Carl Trubschenck

Adjunct Assistant Professor of Restorative Dentistry
MA, California State University, Sacramento, 1983
DDS, University of the Pacific, 1986

Alexander V. Vakoula

Adjunct Assistant Professor of Anatomy
MS, Moscow State University, USSR, 1976
PhD, Moscow State University, USSR, 1979

James Harrold Van Sicklen, Jr.

Adjunct Instructor of Restorative Dentistry
BA, University of the Pacific, 1975
DDS, University of the Pacific, 1980

William Albert van Dyk

*Adjunct Assistant Professor of Diagnostic and
Emergency Services*
BA, University of California, Davis, 1969
DDS, University of the Pacific, 1973

Natalia Vasylyk

Adjunct Assistant Professor of Orthodontics
DDS, Leningrad First Medical School, Russia, 1985

Guillermo Vicuna

Adjunct Assistant Professor of Restorative Dentistry
BA, Antonio Mentrut College, Argentina, 1967
DDS, University of La Plata, Argentina, 1972

Catherine Vista

Adjunct Instructor of Diagnostic and Emergency Services
BA, University of California, Berkeley, 1998
DDS, University of the Pacific, 2003

Adrian M. Vogt

Adjunct Assistant Professor of Orthodontics
BS, University of Western Ontario, Canada, 1988
DDS, University of the Pacific, 1992
MSD, University of the Pacific, 1994

Gregory Welsh

Adjunct Associate Professor of Oral Surgery
BS, University of Santa Barbara, 1967
DDS, Georgetown University, 1971

William R. Womack

Adjunct Assistant Professor of Orthodontics
DDS, University of Missouri at Kansas City, 1963

Kenneth Chun King Wong

Adjunct Instructor of Oral Surgery
BS, University of California, Davis, 1994
DDS, University of the Pacific, 2000

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 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; Museum; Postgraduate Education; Safety; Store; Student Clinic Advisory; Infection Control; and Academic Advisory.

School of Dentistry Alumni Association

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

Through a student-alumni committee, the association sponsors recreational 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 golf, basketball, and softball tournaments.

Officers, 2004

Bruce G. Toy '81	President
Foroud F. Hakim '91	President-Elect
Jade A. Miller '81	Vice President
Marc J. Geissberger '91	Treasurer
F. Paul Senise '65	Secretary
Ann Marie Silvestri '75	Immediate Past President
David B. Nielsen '67	Executive Director
Arthur A. Dugoni '48	Ex-officio
Berney Neufeld, Ph.D.	Ex-officio
Craig S. Yarborough '80	Ex-officio

Board of Directors, 2004

Preetha Arun '97 IDS
Marvin B. Carnow '74A
Wai M. Chan '79
JulieAnne Chandler-Sullivan '91
J. Frederick Conrad, Jr. '70
Gabrielle W. Duggan Rasi '91
Nava Fathi '95
Morel Fidler '65
Paul R. Griffith '82
Darryl L. Lee '77

Deborah A. McNeil-Amorteguy '88
James E. Milani '82
Scott W. Milliken '87
David L. Nielson '86
Ryle A. Radke, Jr., Associate
Suzanne Saidi '91
David J. Salehieh '92
Eugene T. Santucci, Associate
Ariane R. Terlet '86
Debra A. Woo '86

Student Directors, 2004

Shaina DiMariano, Class of 2004
Megan E. Olson, Class of 2005
Nathan R. Baxter, Class of 2006

Pacific Dental Education Foundation

The Pacific Dental Education Foundation (PDEF) is the fund-raising component of the School of Dentistry. The foundation raises philanthropic gift support from parents, alumni, friends, faculty, corporations, and foundations.

Through its sponsorship of the Endowment Society, the foundation encourages gifts in the form of wills, charitable trusts, and other planned gifts. Through its Major Gifts Committee, it seeks major gifts to fund building and renovation projects. Through the Annual Giving Committee the foundation encourages gifts of all sizes to support the current operations of the school. Finally, through its Special Projects Committee the foundation sponsors fund raising golf and tennis tournaments, fashion shows, auctions, and other events.

The foundation has 33 volunteer members and is led by an elected president and staffed by the school's associate dean for institutional advancement and student services.

The funds generated by the Pacific Dental Education Foundation fund endowed scholarships, endowed professorships, endowed chairs, building projects, patient care, and other charitable activities of the school.

Pacific Dental Education Board

Dr. Thomas R. Bales '74B, President	Dr. Catherine A. Lambeteccchio '87
Dr. W. Ron Redmond '66, Campaign Chair	Mr. Gary Mitchell
Dr. John W. Feaster '74A, President Elect	Dr. Stanley L. Quock '78
Dr. Arthur A. Dugoni '48, Dean	Dr. Martyn F. Rosa '65
Dr. Sigmund H. Abelson '66	Dr. Daniel S. Tanita '73
Dr. Edmond Bedrossian '86	Dr. Gary A. Thodas '77
Dr. Gerald L. Bittner, Jr. '85	Dr. M. Gabrielle Thodas '77, '95 Ortho
Dr. Susan A. Bittner '74A	Mr. Steven E. Tret
Dr. George W. Brownridge, II, '71	Dr. Colin Wong '65
Mr. Michael P. Carroll	Mr. Bruce Woodward
Dr. David W. Chambers	
Dr. James N. Ence, '77	
Dr. Joseph V. Errante '80	
Dr. Kenneth F. Fat	
Dr. Michael L. Fox '82	
Dr. Kenneth Frangadakis '66	
Ms. Bonnie Jean Kwong	

Ex Officio

Dr. Craig S. Yarborough '80
Dr. Berney Neufeld
Mr. Jonathan D. Meer
Dr. Ann Marie Silvestri '75
Dr. Bruce G. Toy, '77

Professional and Fraternal Organizations

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

California Dental Association (CDA)

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

American Dental Education Association (ADEA)

The Council of Students is one of seven councils of the ADEA. The school's elected representatives to this 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.

San Francisco Symphony Forum

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

Phi Kappa Phi

Each year a small number of DDS and IDS students are selected to the university's national honor society, Phi Kappa Phi.

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 class, selected by faculty vote on the basis of scholarship and character.

Tau Kappa Omega

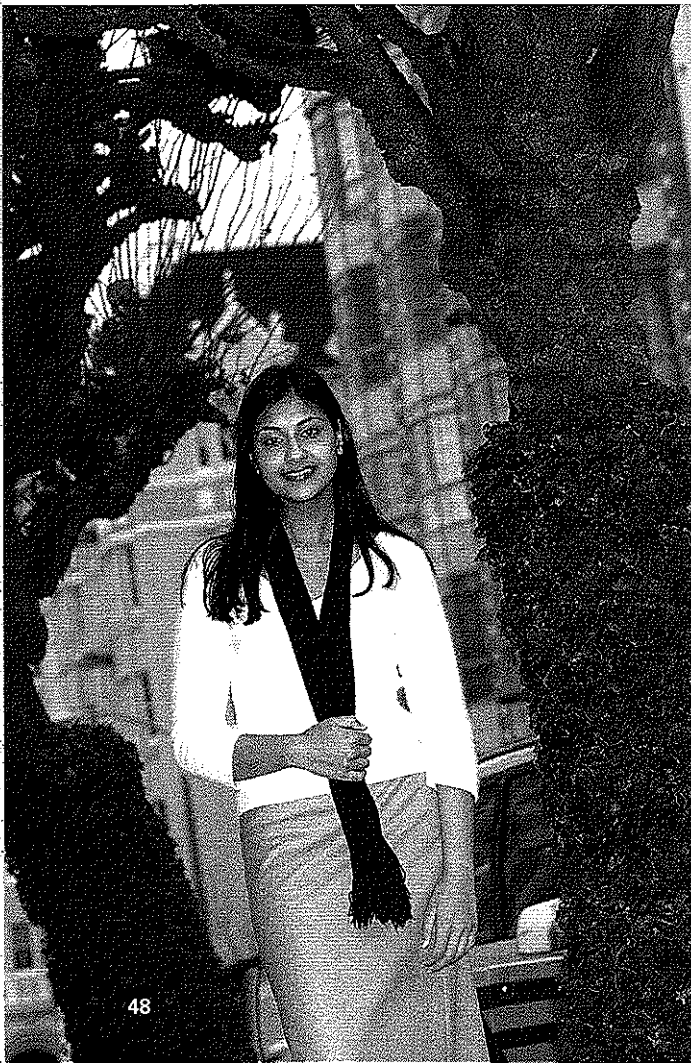
In 1927 Alpha Chapter of an undergraduate honor society, Tau Kappa Omega, was organized for promotion of honor and service to the school. Students are elected to the fraternity on the basis of ideals and scholarship.

SCOPE (Student Community Outreach for Public Education)

The Student Community Outreach for Public Education (SCOPE) program is a student-run organization at the School of Dentistry. Created in 1994, the SCOPE program's mission is to involve students and faculty in oral health projects directed toward community needs. Students take an active role to sponsor or participate in activities 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 UOP dental students, a characteristic that will follow them through graduation into private practice. Throughout the year, students, faculty, and staff volunteer their time 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 purpose of the Student Research Group is to promote interest and provide opportunities for dental students to gain exposure to research. Members enjoy monthly meetings where faculty make presentations of their research and how to do it more effectively, or students practice presenting their projects, and other benefits such as receiving the Journal of Dental Research. The Student Research Group is a chapter of the National Student Research Group (NSRG)/American Association of Dental Research (AADR) and International Association of Dental Research.



The following awards and prizes are presented annually at the Graduate/Alumni Association banquet honoring the graduating classes:

Scholarship

Alpha Omega International Dental Fraternity award
Dean's awards
Dean's Valedictorian awards (DDS, IDS)
Dean's Salutatorian awards (DDS, IDS)
OKU Clinical Excellence awards
Harry A. True award
Garrett M. Guess Valedictorian award
Inesi Award in Physiology

Leadership, Professionalism, Scholarship and Service

Academy of General Dentistry award
Alpha Omega Dental Fraternity, Bay Area Alumni award
Alumni Association, School of Dentistry award
American College of Dentists, Northern California Section award
ASDA Award of Excellence
Louise C. Ball Leadership award
Community Service award
California Dental Association award
Kevin Campbell Alumni Association Service award
CHIPS Editors awards
Delta Dental/F. Gene Dixon award
Delta Sigma Delta Dental Fraternity, Nu Nu Chapter award
Eleanor Bushee AAWD Senior Woman Dental award
Norma T. & Robert Grosse Endowment award
Phi Kappa Phi Honor Society
Pierre Fauchard Academy awards
Hawaiian Alumni award
International College of Dentists, USA Section award
Charles, Charles Jr. and Joe Sweet Scholarship awards (for pediatric dentistry)
Frederick T. West Leadership award
Who's Who Among Students in America Universities and Colleges awards
Herbert K. Yee Scholarship awards

Outstanding Performance

Cecil Adams award (for oral and maxillofacial surgery)
AEGD Outstanding Resident
Eric B. Bystrom Memorial Pediatric Dentistry award
James C. Campbell, Jr. Omicron Kappa Upsilon award
Comprehensive Patient Care awards
Dental Auxiliary Utilization award
Charles A. Ertola award (for removable prosthodontics)
William W.Y. Goon-OKU award
Thomas B. Hartzell award (for periodontics)
Lasky Family Endowment Pediatric awards

Charles G. Lee award (for pediatric dentistry)
Charles, Charles Jr. and Joe Sweet awards (for pediatric dentistry)
Water-Pik Excellence in Prosthodontics award
A.W. Ward award (for fixed prosthodontics)
Academy of Dentistry for Persons with Disabilities
Academy of Operative Dentistry award
American Academy of Dental Materials awards
American Academy of Dental Practice Administration award
American Association of Endodontics 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 Oral Biologists award
American Association of Oral and Maxillofacial Surgeons award
American Association of Orthodontics award
American Association of Public Health Dentistry award
American College of Prosthodontics, Northern California section award
American Dental Society of Anesthesiology award
American Equilibration Society award
Colgate-Palmolive Clinical Research award
Northern California Academy of Endodontics award
Organization of Teachers of Oral Diagnosis award
Western Society of Periodontology
Pacific Oral Pathology Laboratory award
National Society of Dental Practitioners, Inc. award
Quintessence Book awards (one each for research achievement, periodontics and restorative dentistry)

A detailed description of each award, including selection criteria, is available in the Office of Academic Affairs.

Graduation Honors

Upon recommendation of the Third-Year 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.

University of the Pacific Campuses, Officers, and Regents

San Francisco Campus

Arthur A. Dugoni School of Dentistry
2155 Webster Street, San Francisco, CA 94115
(415) 929-6400
www.dental.uop.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.

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 provides advanced students with opportunities to work in an environment that resembles private practice.

The division of International Dental Studies provides a program for foreign dental graduates to earn the United States dental degree. The IDS program, initiated in 1987, has allowed its graduates to continue their education in dental specialties or return to practice their profession in their homelands.

An Advanced Education in General Dentistry (AEGD) program, initiated in 1990, provides a year-long educational program at three sites for up to fifteen residents. A certificate program in oral and maxillofacial surgery was begun in 2001, and trains two residents per year. A baccalaureate program in dental hygiene was started in 2002.

Telephone Numbers

Admissions Office	(415) 929-6491
Registrar	(415) 929-6437
IDS Program	(415) 929-6688
AEGD Program	(415) 929-6677
Financial Aid	(415) 929-6452
Apartments	(415) 929-6491
Orthodontics	(415) 929-6555

Stockton Campus

University of the Pacific
3601 Pacific Avenue, Stockton, CA 95204
(209) 946-2011
www.uop.edu

The University of the Pacific, established in 1851, was the first chartered private institution of higher learning in California. It is an independent educational California corporation. Pacific has been recognized as an innovative leader in private education throughout its history. It provided the West Coast's first medical school in 1858 which later became part of Stanford University. Pacific also provided the West's first coeducational campus in 1871, the first conservatory of music in 1878, and the first four-year private educational institution in California's Central Valley. College of the Pacific is the central liberal arts component of the university. The graduate school was established in 1956. Most recently, the university established the first university-based undergraduate school of international studies in California. Professional schools on the Stockton campus include music, business, education, engineering, pharmacy, and health sciences. Combined enrollment for the university's Stockton, Sacramento, and San Francisco campuses is approximately 6,000 students.



Sacramento Campus

University of the Pacific McGeorge School of Law
3282 Fifth Avenue, Sacramento, CA 95817
(916) 739-7191
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 22-acre campus used exclusively for legal training. This living and learning environment provides the unique setting for a dynamic center of legal education and research and realistic training in the skills of the legal profession. McGeorge operates both day and evening divisions as well as full and part time graduate law programs.

University Officers

Donald V. DeRosa, PhD	President
Philip N. Gilbertson, PhD	Provost
Patrick D. Cavanaugh, JD	Vice President for Business and Finance
Jonathan D. Meer, BS	Vice President for Development and University Advancement
Julie A. Sina, PhD	Vice President for Student Life

UOP Board of Regents

Walter Baun	CEO, WAB Unlimited
Dea Spanos Berberian	Executive Vice President for Public Relations, A.G. Spanos Companies, Inc.
D. Kirkwood Bowman	Owner, Venture Management
Janice R. Brown	Associate Justice, Supreme Court of California
Rev. John Corson	Pastor (retired)
Joan Cortopassi	Civic leader
Donald V. DeRosa	President, University of the Pacific
Douglass M. Eberhardt	President, Bank of Stockton
Thomas W. Eres	Attorney at Law

UOP Board of Regents (cont'd.)

Steven J. Goulart	Director, Bear Stearns & Co.
Kathleen Lagorio Janssen	Owner, Lagorio Communications
Gail E. Kautz	Owner, John Kautz Farms
Patricia Kennedy	Civic Leader
Steven Lear	President & CEO, Arch Coal, Inc.
Russell Leatherby	Consultant
Angus L. MacLean	President, MacLean Investment Company
Robert T. Monagan	Retired
Hayne Moyer	Attorney
Robert Nikkel	President and CEO, Robert Nikkel Company
Donald O'Connell	retired
Victor F. Ornelas	President and CEO, Ornelas and Associates
Dianne Philibosian	Board of Regents Chair
Jeannette Powell	Associate Dean, California State University, Northridge
Ronald Redmond	Designer, Robert C. Powell Companies
Donald J. Smith	Redmond Orthodontics
Thomas Sweeney	Partner, Turlock Fruit Co.
Herbert K. Yee	Board of Directors, Longs Drug Stores
Peter H. Zischke	Dentist
Tom Zuckerman	Retired
	Attorney

Emeritus Members

Kenneth D. Beatie	Chairman of the Board, Tenco Tractor
Paul L. Davies, Jr.	President, Lakeside Corporation
Tom Flores	Retired
Robert M. Long	Chairman and CEO, Longs Drug Stores
Robert Powell	President, The Robert Powell Company
Herman S. Saunders	President, Hollywood and Vine Productions
Alex G. Spanos	Chairman of the Board, A.G. Spanos Enterprises
Edward W. Westgate	Investor



June '04

	14-July 9	Student Vacation *
July	4	Independence Day Holiday **
	9	Matriculation Day, Class of 2007 & IDS Class of 2006
	12	Summer Quarter classes begin
September	6	Labor Day Holiday **
	22-24	Quarter Examinations *
	27-Oct. 1	Student Vacation *
October	4	Autumn Quarter classes begin
November	25-26	Thanksgiving Day Holiday **
December	15-17	Quarter Examinations *
	20-31	Student Vacation *
	25 & Jan. 1	Christmas and New Year's Holidays **

January '05

	3	Winter Quarter classes begin
	17	Martin Luther King, Jr. Holiday **
February	21	Presidents' Birthday Holiday **
March	16-18	Quarter Examinations *
	21-25	Student Vacation *
	28	Spring Quarter classes begin
May	30	Memorial Day Holiday **
June	8-10	Quarter Examinations *
	10	Alumni Banquet honoring the classes of 2005
	12	One hundred ninth graduation, Classes of 2005
	13-July 8	Student Vacation *
July	8	Matriculation Day, Class of 2008 and IDS Class of 2007
	11	Summer quarter classes begin

Academic Calendar 2004-2005**Summer Quarter, 2004**

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

Autumn Quarter, 2004

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

Winter Quarter, 2005

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

Spring Quarter, 2005

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

S Study Day: intramural clinics except emergency services and radiology closed.

V Student Vacations: intramural clinics except emergency services and radiology closed unless affected by clinic block assignments.

H Holidays: offices and clinics are closed.

E Quarter examinations: clinics are closed.

Academic Calendar 2005-2006

Summer Quarter, 2005

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

Autumn Quarter, 2005

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

Winter Quarter, 2006

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

Spring Quarter, 2006

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

S Study Day: intramural clinics except emergency services and radiology closed.

V Student Vacations: intramural clinics except emergency services and radiology closed unless affected by clinic block assignments.

H Holidays: offices and clinics are closed.

E Quarter examinations: clinics are closed.

June '05

	13-July 8	Student Vacation *
July	4	Independence Day Holiday **
	8	Matriculation Day, Class of 2008 & IDS Class of 2007
	11	Summer Quarter classes begin
September	5	Labor Day Holiday**
	21-23	Quarter Examinations*
	26-30	Student Vacation*
October	3	Autumn Quarter classes begin
November	24-25	Thanksgiving Day Holiday **
December	14-16	Quarter Examinations*
	19-30	Student Vacation*
	25 & Jan. 1	Christmas and New Year's Holidays **

January '06

	2	Winter Quarter classes begin
	16	Martin Luther King, Jr. Holiday **
February	20	Presidents' Birthday Holiday **
March	15-17	Quarter Examinations *
	20-24	Student Vacation*
	27	Spring Quarter classes begin
May	29	Memorial Day Holiday **
June	7-9	Quarter Examinations*
	9	Alumni Banquet honoring the classes of 2006
	11	One hundred tenth graduation, Classes of 2006
	12-July 7	Student Vacation *
July	4	Independence Day Holiday**
	7	Matriculation Day, Class of 2009 and IDS Class of 2008
	10	Summer quarter classes begin

POLICIES FOR 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.

Accommodation for Qualified Students with a Disability

- ❑ A qualified student or applicant who requires an accommodation should contact the Associate Dean for Academic Affairs and request such accommodation in writing and in a timely fashion, that is, well before the accommodation is needed. This procedure should also be used where the accommodation requested is a leave of absence.
- ❑ A committee composed of the Associate Dean for Academic Affairs (or other administrator) and one other administrator (or faculty member) will review the request. The committee may request the student to timely provide medical and/or other information which he/she/it believes to be relevant. Failure of health care professionals attending to the student provides persuasive information to the school may preclude appropriate evaluation of the request, which thereupon may be denied.
- ❑ If the student is otherwise qualified and if the accommodation is reasonable, effective and will not alter a fundamental aspect of the school program or will otherwise impose an undue hardship, and/or there are not equivalent alternatives, the school will offer to make an accommodation. If appropriate, the Associate Dean for Academic Affairs may choose to consult with such individuals, within or without the school, to provide expertise needed to evaluate the request. Accommodation requests and the documentation related to thereto will be maintained in a separate file controlled by the Associate Dean for the Academic Affairs.
- ❑ For purpose of reasonable accommodation, a disabled student or applicant is a person who: (a) has physical or mental impairment which limits one or more major life activities (such as walking, seeing, speaking, learning, or working); (b) has a record with the school of such impairment; or (c) is actually regarded by the school as having such an impairment, or who is otherwise defined by law as a qualified disabled student or applicant. The individual must be able to perform the essential requirements expected of the program, either with or without reasonable accommodation.
- ❑ Decisions regarding requests for reasonable accommodation are subject to appeal in the student appeal procedure; however, the Dean makes final decisions.

Prohibited Sexual and Other Unlawful Harassment

The school is committed to maintaining the community as a place of work and study for faculty, administrators, staff and students, free of sexual harassment, intimidation, and exploitation. The school does not tolerate behavior, which constitutes sexual or other unlawful harassment of any member(s) of the school community.

The school remains committed to providing an environment free of sexual harassment and harassment because of race, color, religion, religious creed, ancestry, national origin, age (except for minors), sex, marital status, citizenship status, military status ser-

vice, sexual orientation, medical condition (cancer-related or genetic condition), disability, and/or any another status protected by law. This policy and procedure covers sexual and other unlawful harassment. Prohibited harassment in any form, including verbal and physical conduct, visual displays, threats, demands and retaliation is unlawful and will not be tolerated.

All individuals shall be held accountable for compliance with this policy. Students who believe they have experienced or are aware of sexual or other unlawful harassment have access to complaint investigation by contacting the director of human resources. Alternatively, complaints may be directed to the associate dean for administration.

Non-Discrimination

The school does not discriminate in the administration of any of its educational programs, admissions, scholarships, loans, other school activities or programs on the basis of 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 the law. This notice is given pursuant to Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973 and the amendments and other laws, orders, and regulations governing discrimination. Any student having a complaint should contact the director of human resources. Alternatively, complaints may be directed to the associate dean for administration.

Complaints filed by a Student of Sexual and Other Unlawful Harassment

Generally the school is committed to a workplace and educational environment which is free of sexual and other unlawful harassment. As a matter of school policy, sexual or other unlawful harassment of any member(s) of the school community occurring in the course of any school activity is prohibited. The policy provides complaint procedures to assist the school in its efforts to implement this policy.

Harassment Defined. Harassment on the basis of race, color, religion, 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 another status protected by law is a violation of this policy.

Any such harassment of any individual in the course of any school-administered program, job or activity is prohibited and will not be tolerated. The school will take prompt and effective corrective action in response to harassing, dismissal or expulsion. The policy explicitly applies to school administrators, staff, students and faculty and all other individuals engaged with school activities. Individuals who know of harassment, or believe that they have been harassed, in violation of this policy have access to the complaint procedures described below in this policy and are encouraged to utilize these complaint procedures.

All school administrators, staff, faculty, students, contractors and other individuals involved in any employment, educational, or other relationship with the school, must adhere to this policy. This policy is intended by the school to be consistent with the terms of school collective bargaining agreements.

Prohibited Harassing Behavior. Harassing behavior, when engaged in on any basis prohibited by this policy, may take a variety of forms. Examples of the kinds of behavior that may constitute such harassment include, but are not limited to:

- ☐ Verbal conduct such as epithets, derogatory comments, slurs, or unwelcome sexual advances, invitations, or comments;
- ☐ Visual conduct such as derogatory posters, photography, cartoons, drawings, or gestures;
- ☐ Physical conduct such as unwanted touching, blocking normal movement, or interfering with work;
- ☐ Threats and demands, such as those which seek submission to sexual requests, in order to retain employment or educational benefits or conditions in return for favors;
- ☐ Retaliation, in the form of adverse employment or educational actions, for the good faith opposing, reporting or threatening to report harassment or for participating in good faith in investigation, proceedings or hearings related to this policy

Sexual Harassment Warrants Special Attention. Conduct is in violation of this policy occurs when an individual's behavior involves (1) unwelcome sexual advances (2) unwelcome requests for sexual favors; or (3) other unwelcome verbal, physical, or visual behavior of a sexual nature. Also, such conduct can become a violation of this policy and the law when:

- ☐ Submission to such behavior is made explicitly or implicitly a term or condition of an individual's education or employment; or
- ☐ Submission to, rejection of, such behavior by an individual is used as the basis for educational or employment decisions

Such behavior otherwise has the purpose or effect of unreasonably interfering with, or otherwise creating an intimidating, hostile, or offensive educational or employment environment.

Retaliation is prohibited. An individual's good-faith filing or pursuing a complaint under this policy or otherwise reporting, complaining or assisting or cooperating in good faith with a complaint of harassment will not be the basis for any adverse school decisions concerning a student, faculty or staff member's employment or student position or status. Such retaliation is forbidden by this policy.

Procedure for Student Complaints of Harassment

The school encourages students, faculty, administrators, staff who knows of harassment, or believe that they have been harassed in violation of this policy to utilize the complaint procedures described below in this policy. A complaint should be filed promptly if an instance of harassment has occurred or is expected to occur.

This complaint procedure is designed to assist in the handling of such complaints. The procedure is as follows:

Students, faculty and staff with a complaint of harassment are encouraged to contact, as soon as possible after an act of harassment has occurred, the director of human resources. Alternatively, complaints may be directed to the associate dean for administration ("intake officer").

Informal Resolution

The intake officer will be available to meet with the individuals involved jointly or separately, and to seek to find a resolution that is acceptable. Provided the school concludes that such resolution is likely to provide prompt and effective corrective action. Any such proposed resolution at informal complaint stage must be presented to the appropriate administrative officer for review. All efforts to resolve complaints informally should be made promptly and within thirty days of the receipt of the complaint and should be documented, with the record retention by the intake officer.

Formal Resolution

If an acceptable resolution is not reached, or is not likely to be reached, within thirty days or otherwise in a manner necessary to promptly and effectively correct harassment, the complainant or the school may determine to resolve the matter as a formal

complaint, or the school may take immediate action it deems necessary to effect prompt and effective corrective action.

The complainant should ordinarily include in a written report the details of the incident(s), the name(s) of the person alleged to have engaged in the conduct complained of, the name(s) of any witness(es), and any documents. The person alleged to have engaged in acts of harassment will have an opportunity to review and respond to the written report and otherwise to provide a full response.

Whenever deemed appropriate to assist the school to determine whether a violation of this policy has occurred and/or to determine what if any, corrective action should be taken by the school, the school may initiate an investigation with or without a formal complaint.

The appropriate school officer will promptly make determination of the complaint. The determination will be communicate to the complainant and to the person whose conduct is an issue, to the extent and in a form which is deemed appropriate.

School officials have a duty to report in good faith any conduct of which they have a direct knowledge, which they believe constitutes harassment in a violation of this policy.

Corrective action may include disciplinary action of the person(s) whose conduct constitutes violations of this policy and/or who is otherwise responsible for such conduct. Disciplinary action may include, but is not limited to warning, suspension, or termination from employment, enrollment as a student, or from other affiliation with the school.

Students of the school may file a harassment with the Federal Office of Civil Rights (OCR) complaint within the time required by law.

Region IX Federal Building
50 United Nations Plaza, Room 239
San Francisco, CA 94102

Workplace Security And Anti-Violence Policy

The school is committed to providing a workplace that is free from acts of violence or threats of violence. In keeping with this commitment, the school has established a policy that provides "zero tolerance" for actual or threatened violence on our premises or in the course of school business. Security and safety in the workplace is every employee's responsibility. It is therefore essential that every individual understand the importance of workplace safety and security. Every threat of violence is serious and must be treated as such. Threatening behavior can include such actions as throwing objects, making a verbal threat to harm another individual or destroy property, displaying an intense or obsessive romantic interest that exceeds the normal bounds of interpersonal interest, or attempting to intimidate or harass other individuals. Employees who become aware of any threats of workplace violence must report the threat immediately to their supervisor, who in turn, will be responsible for notifying a Vice President or other officer of the school. Due to the importance of this policy, individuals who violate any of its terms, who engage in or contribute to violent behavior, or who threaten others with violence may be subject to disciplinary action up to and possibly including immediate termination.

If an individual becomes aware of any actual violence, imminent violence, or threat of imminent violence, obtaining emergency assistance must be a matter of first priority. The individual should immediately contact security or call human resources or any other available person in authority, and, if appropriate, contact San Francisco Police Department authorities by dialing 911. Then the individual must report the incident to an officer of the school if one is available. Individuals may report any incidents of violence or threats violence without fear of reprisal.

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