

University of the Pacific Anesthesiology Internship Program

2026-2027

Program Overview

The University of the Pacific, Arthur A. Dugoni School of Dentistry Division of Anesthesiology & Perioperative Care, in the Department of Oral & Maxillofacial Surgery (OMS), offers a one-year non-categorical internship position at the PGY-1 level for dentists who are seeking to gain an additional year of education and experience in anesthesiology & perioperative care while applying to categorical dental anesthesiology residency programs.

The primary goal of this internship is to provide each intern with an in-depth view of the role of the dentist anesthesiologist specialist in the preoperative evaluation and preparation of pediatric and adult patients for dental and surgical operations, and in their intraoperative and postoperative management.

To meet this goal, the internship is designed to provide a robust introduction to the practice of dental anesthesiology, with introductory education and experiences in:

- basic anesthesia science and technology
- applied cardiopulmonary physiology and resuscitation
- pre-operative assessment and treatment planning
- anesthesia equipment, supplies, ordering, and operations management
- patient monitoring
- intravenous access and cannulation
- pharmacology, medication preparation, and delivery
- basic and advanced airway management
- anesthesia crisis resource management (ACRM)
- perioperative systems of care and principles of patient safety

The intern will also gain training and experience in the principles of simulation-based medical education pedagogy for teaching and learning, starting the intern on the pathway to becoming a [Certified Healthcare Simulation Educator](#) (CHSE) through the [Society for Simulation in Healthcare](#). The intern will assist with the development and facilitation of simulation-based learning programs focused on Perioperative & Emergency Medicine (P&EM), and ACRM principles for students, residents, faculty, and practicing professionals.

Intern Roles & Responsibilities

The primary role of the intern is to provide anesthesiology technical and clinical support to the operations of the division of anesthesiology & perioperative care and department of OMS within the OMS SurgiCenter and other anesthetizing locations. Their primary responsibilities encompass the meticulous setup, disinfection, turnover, stocking, and maintenance of anesthesia equipment and supplies. Moreover, the intern will actively participate in the anesthesia administration process, complete OR preparation, engage in the vigilant monitoring and record keeping of patients' vital signs, perform procedures such as intravenous catheter placement, basic and advanced airway management, and assist during routine and critical situations. Interns will be responsible for the efficient turnover of the OR, and discharge of patients once recovered. Their role will encompass providing support to the anesthesia team for all phases of perioperative care.

The intern will participate in a robust didactic curriculum that includes weekly reading assignments, podcast reviews, and journal club meetings. The contemporary textbook Morgan & Mikhail's Clinical Anesthesiology serves as the backbone for the curriculum, along with carefully selected articles from classic and contemporary peer-reviewed journals. Weekly journal club meetings will provide a venue for the intern to present the content covered in their assigned reading.

Additionally, the intern will function as an educator and simulation operations technician. The intern will be trained to provide support for the school's medical simulation education programs, including the delivery of content related to P&EM. Interns will serve as a human-patient simulator operator by creating, testing, and running scenarios alongside faculty instructors, assuring that the simulator and the simulation environment are prepared prior to the start of all simulation learning programs. Interns will learn to program and code scenarios in the Laerdal LLEAP platform and become able to facilitate and act in scenarios with dynamic physiology *on-the-fly*. Interns will gain experience with establishing and maintaining effective simulation operation environments to ensure delivery of an optimal learning experience. Interns will also gain experience with several models for effective feedback and debriefing of learners.

The internship program will be primarily based at the University of the Pacific Arthur A. Dugoni School and Dentistry in the heart of San Francisco, CA. Healthcare simulation educator and operations technical training and experiences will be provided at the dental school, as well as through trainer workshops and engagement in simulation programs with collaborative institutions.

Learning Objectives

Anesthesiology & Perioperative Care Learning Objectives

- Demonstrate the meticulous preparation, sterilization, and maintenance of anesthesia equipment and supplies
- Perform comprehensive anesthesia OR preparation following M.S.M.A.I.D.S.
- Perform complete anesthesia OR disinfection and turnover
- Describe different techniques of anesthesia suitable for various procedures
- Describe the key elements of a focused pre-anesthetic evaluation
- Discuss ASA standard patient monitoring and interpret patient vital signs
- Understand the concepts of the depth of anesthesia and muscle relaxation
- Describe cardiovascular and respiratory depression in the context of anesthesia and surgical procedures
- Describe common respiratory and acid-base abnormalities
- Describe considerations around fluid therapies for various patient populations
- Describe the pharmacology for muscle relaxants, opioids, intravenous and inhaled anesthetic agents
- Perform effective and safe medication preparation and delivery
- Discuss common anesthetic complications and their management
- Discuss the clinical manifestations and management of local anesthetic toxicity
- Discuss strategies for postoperative pain management
- Describe induction of, and recovery from, general and regional anesthesia
- Assist with recovery from anesthesia and facilitate safe patient discharge
- Compile an organized and detailed anesthetic written record
- Become familiar with common anesthesia literature and peer-reviewed journals
- Perform intravenous access, phlebotomy, and cannulation of patients of various ages
- Demonstrate management of the airway in an unconscious patient
- Demonstrate insertion of airway adjuncts (i.e., OPA, NPA)
- Demonstrate insertion of a supraglottic airway (LMA, iGel)
- Perform uncomplicated laryngoscopy and tracheal intubation
- Describe arterial catheter insertion, indications, and precautions
- Describe central venous catheter insertion, indications, and precautions
- Recognize and initiate evaluation and management of common perioperative urgencies and emergencies in a simulation environment or real life
- Participate in the pager-call rotation schedule at the PGY-1 level for the Dugoni School's Medical Emergency Response Team

Clinical Simulation Education Learning Objectives

- Create, facilitate, and evaluate medical simulation training programs for a variety of learner types with various levels of experience
- Demonstrate programming of simulation scenarios in Laerdal LLEAP software
- Facilitate high-fidelity simulation-based learning scenarios using *on-the-fly* dynamic physiologic changes in Laerdal LLEAP
- Facilitate debriefing sessions to meet simulation scenario learning objectives
- Create, facilitate, and supervise partial-task-trainer-based workshops covering essential psychomotor skills for urgent and emergent patient management
- Describe the key points from the Anesthesia Crisis Resource Management, Crew Resource Management, and TeamSTEPPS 2.0 programs
- Become familiar with the healthcare simulation literature and peer-reviewed journals
- Design continuous quality improvement (CQI) initiatives to address human factors risk mitigation, systems-based engineering, and patient safety issues

Alongside the clinical anesthesia and simulation-based education experiences and learning objectives described above, the intern will be expected to participate in a minimum of one scholarly project, including but not limited to research projects, invited presentations, poster presentations, table clinics, and continuous quality improvement projects, with delivery of at least one scholarly presentation.

Professional Development and Residency Application Support

- Guidance with development of a professional Curriculum Vitae (CV)
- Support for ADEA PASS Application development
- Coordination of Residency Program Mock Interviews

DISCLAIMERS:

This program is designed as a robust non-categorical preliminary post-graduate training year, completed after graduation from an accredited dental school, and prior to entering a categorical dental anesthesiology residency training program.

The salary for the anesthesiology intern is provided through the dental school. It is NOT a GME funded program and will not affect GME funding to the future dental anesthesiology residency program.

This program is not intended to provide clinical training that would allow the intern, upon internship completion, to independently perform intravenous sedation, or general anesthesia, and is not intended to be a training course to support an application to a state dental board for a permit to independently administer sedation or general anesthesia.

Job Shift: Varied

Schedule: Full Time

Days of the Week: Monday – Friday

Program Length: 12 months (June 16, 2025 – June 12, 2026)

Number of Positions: One (1) per year

Compensation: Salaried PGY-1 \$68,640

Eligibility: Qualified Candidates *must* have graduated from a U.S. or Canadian Accredited Dental School, *and must* be a U.S. citizen, or U.S. Permanent Resident, or Canadian Citizen, *and must* submit all required program application materials by a provided application deadline.

Application: All materials are to be submitted through PASS only. We will contact you for additional materials.

Recommended but not required: NBME CBSE exam report.

Applications Cycle Open: 11/21/2025

Application Cycle Closes: 12/15/2025

Selection Criteria: Selection will occur based upon review of the submitted PASS application and a virtual interview.

Program Director: Jesse West Manton, DDS, MS, CHSE

*Chief, Division of Anesthesiology & Perioperative Care
Department of Oral and Maxillofacial Surgery, 3F 348
University of the Pacific Arthur A. Dugoni School of Dentistry
155 5th Street, San Francisco, CA 94105
Email: JMANTON@pacific.edu*

Admissions Coordinator: Nel Laxamana

Email: llaxamana@pacific.edu
Phone: 415.929.6493