

AGENDA

UCSF School of Dentistry Research and Clinical Excellence Day October 14, 2026

9:00 – 9:10	Welcome and Opening Remarks Sarah Knox, PhD Professor Associate Dean for Research Michael Reddy, DMD, DMSc Dean and Professor UCSF School of Dentistry	1:30 – 2:45	Oral Presentations Wanida Ono DDS, PhD, DMSc Session Chair Ethan Dinh (Mentor: Dr. Yan Zhang) “Automated 3D Segmentation and Curved Multiplanar Reconstruction of Mouse Incisor microCT Images Enable Novel Quantification of Enamel Development” Madalyn Phan (Mentor: Dr. Sepideh Banava) “Assessing Dental Students’ Knowledge of Intimate Partner Violence (IPV) Case Management and Evaluating a Single Didactic Training Session” Julian Boykins (Mentor: Dr. Jean Star) “Association Between Interproximal Biofilm Activity and Radiographic Evidence of Dental Caries in Pediatric Patients” Simren Kochhar (Mentor: Dr. Flora Momen-Heravi) “Stress-Responsive lncRNA Regulates Exosome Biogenesis Through RAB7A/SDCBP mRNA Stabilization” Oscar Peng (Mentors: Dr. Tomiko Oskotsky, Dr. Marina Sirota) “Preconception Oral Disease and Risk of Preterm Birth” Judy Qin (Mentor: Dr. Chelsea Bahney) “Cartilage to Bone Remodeling During Fracture Repair Predicts Functional Recovery Following Tibial Trauma” Stone Meng (Mentor: Dr. Nisarg Patel) “Safe-Sounding Advice, Flawed Evidence: Stress-Testing AI in Oral Surgery” Helina Tessema, DMD, MPH Clinical Case “Emergency Management and Endodontic Follow-Up of an Ellis Class III Fracture in a Pediatric Patient: An On-Call Emergency Department Case”
9:10 – 10:00	Plenary Speaker Michael T. Longaker, MD Professor Division of Plastic & Reconstructive Surgery Stanford University “Fibroblast Heterogeneity in Acute and Chronic Fibrosis Models: Toward a Unifying Hypothesis for Organ Fibrosis”		
10:00 – 10:15	Break		
10:15 – 11:30	Oral Presentations Sara Viragova, PhD Session Chair Hannah Herzog (Mentors: Dr. Edward Hsiao, Dr. Christopher Hernandez) “Gut Microbiome-Dependent IL-1 Signaling is a Mediator of Heterotopic Ossification in Fibrodysplasia Ossificans Progressiva” Jacob Liu (Mentor: Dr. Yan Zhang) “The Role of GPR155 in Enamel Formation” Kathy Zheng (Mentor: Dr. Eni Obadan-Udoh) “Dental Student Perceptions of Ambient Artificial Intelligence (AI) Scribes in Clinical Dentistry” Hannah Mora (Mentor: Dr. Stefan Habelitz) “Combining Proteolysis with PILP Mineralization Improves Mechanical Properties of Hypomineralized Enamel” Supratik Pasupuleti (Mentor: Dr. Mona Bajestan) “A CBCT Evaluation of Mandibular Incisor Inclination in Class II Correction” Khoa Le (Mentor: Dr. Christopher Hernandez) “Building Bone Without Mice: A Novel Model for Studying FOP”	2:45 – 3:30	Faculty Research Lecturer Stefan Habelitz, PhD Professor Department of Preventive and Restorative Dental Sciences “Tales of Discoveries from Both Sides of the DEJ” Mentor of the Year Award Presented by the John C. Greene Society David Sung and Jung-me Lee, Co-Presidents Grace Kwon, Vice-President Announcement of Awards and Closing Remarks Sarah Knox, PhD Professor, Associate Dean for Research Reception (Millberry Gymnasium)
11:30 – 11:55	Spotlight on Clinical Excellence Prajakta Kulkarni, BDS, MS, MSD Assistant Professor Department of Preventive and Restorative Dental Sciences “Digital Prosthodontics in Clinical Practice”	3:30 – 3:40	
11:55 – 12:00	Sepideh Banava, DDS MSc MBA MPH Associate Professor Department of Preventive & Restorative Dental Sciences “AI in Research: Promise, Pitfalls, and Our Shared Responsibility”	3:40 – 4:00	
12:00 – 1:30	Poster Session and Lunch (Millberry Gymnasium)	4:00–5:30pm	