

Congratulations  
to our  
Graduates!

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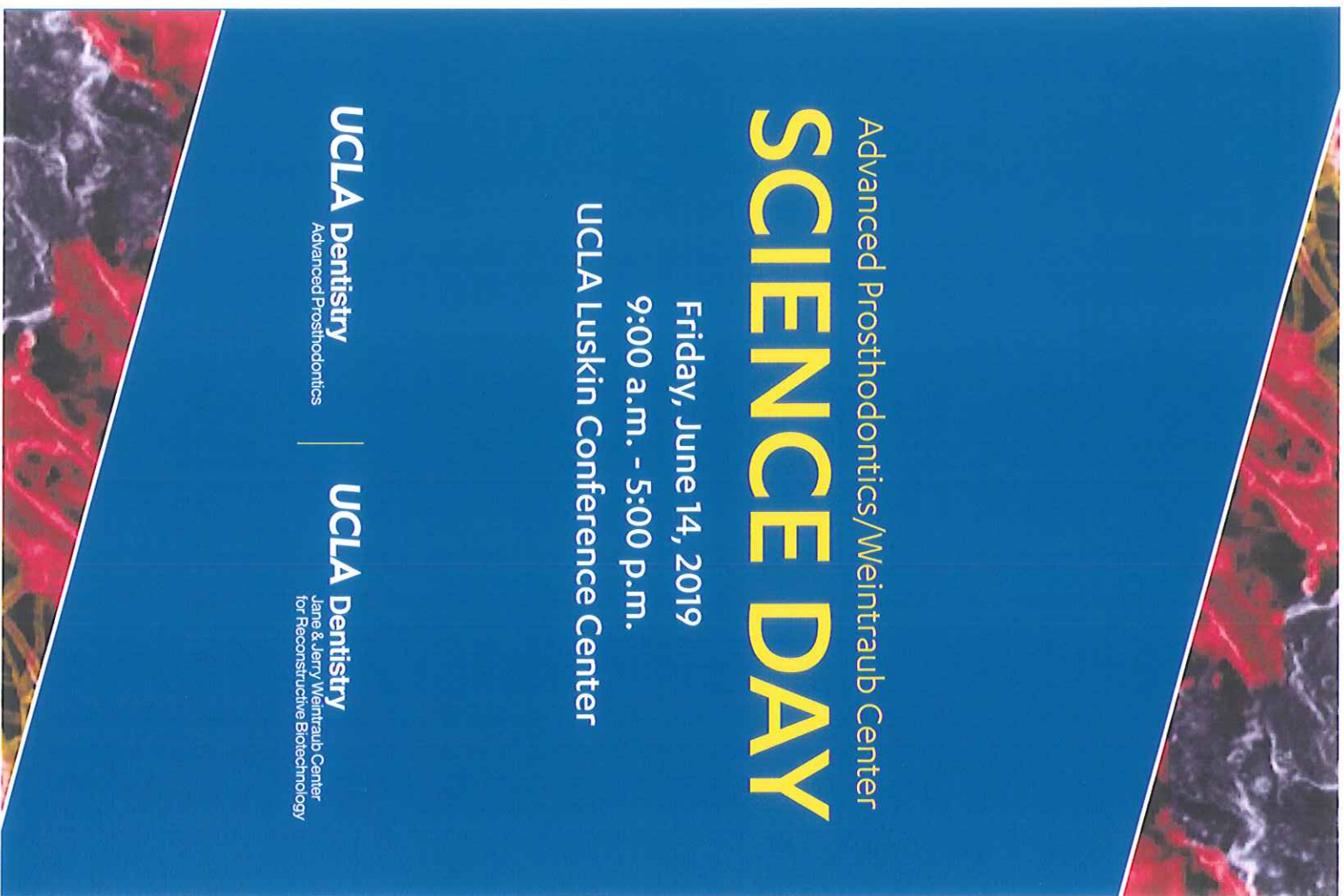
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Advanced Prosthodontics/Weintraub Center  
**SCIENCE DAY**

Friday, June 14, 2019  
9:00 a.m. - 5:00 p.m.  
UCLA Luskin Conference Center

**UCLA Dentistry**  
Advanced Prosthodontics

**UCLA Dentistry**  
Jane & Jerry Weintraub Center  
for Regenerative Biotechnology



# PROGRAM

9:00 a.m. Welcome by Dean Paul Krebsbach  
Professor Ben Wu  
“Innovating Digital Dentistry”

10:00 a.m. Oral Presentations

11:30 a.m. Lunch

1:00 p.m. Professor Ichiro Nishimura  
“Combined Benchtop to Clinical Research”

2:00 p.m. Presentation of Posters

## ORAL PRESENTATIONS:

Name	Title	Mentor
Christina Tran	Esthetic Preferences in Full Arch Zirconia Prostheses	Kumar Shah
Denny Chao	Complete Digital Workflow for Guided Surgery and Guided Prosthesis Using Novel Attachments: A Case Report	Kumar Shah
Christine Formann	Case Report on Early Load of a Milled Bar for Zygomatic Implants in a Palatotomy Patient	Jay Jayanetti
Nuntaporn Rojanasaku	The (un)forgotten Patient: A Case Report	Jay Jayanetti
Theodore Tso	CAD/CAM Substructures with Magnetic Retention after Unsuccessful Osseointegration for Facial Prostheses	Jay Jayanetti

## CASE REPORTS POSTERS:

#	Name	Title	Mentor
1	Ben Rosenbaum	The Scleroderma Patient	Evelyn Chung
2	Faraz Tavoossi	Dental Management of a Hemophilia Patient: A Case Report	Evelyn Chung
3	Theodore Tso	Real Time Navigation Surgery for Placement of Zygomatic Implants to Retain a Nasal Prosthesis	Jay Jayanetti
4	Nuntaporn Rojanasaku	Prosthetic Rehabilitation of Extensive Lower Facial Defect: Case Report	Jay Jayanetti

## CLINICAL RESEARCH POSTERS:

#	Name (s)	Title	Mentor
5	Sonika Khimani	The Correlation Between Patients' Functional Level and Medications Needed for IV Moderate Sedation	Evelyn Chung
6	Sonia Soto	The Use of SDF in the Management of Cervical Caries in Post Radiation and Medically Complex Patient	Evelyn Chung
7	Crystal Lee, Reeva Mincer	Dexametomidine Reduces the Amount of Benzodiazepines and Opioids Administered During Moderate Conscious Sedation for Dental Treatment.	Evelyn Chung
8	Heidi Kim	Oral Health and Occlusal Manifestations in Patients with Osteogenesis Imperfecta	Renna Zahr

## BASIC SCIENCE POSTERS:

#	Name	Title	Mentor
9	Patrick Minassians	Evaluating the Effect of Formulation Conditions on NELL-1 Thermal Stability for Future Clinical Applications as Anti-osteoporotic Agent	Ben Wu
10	Max Zhu	Droplet Formation of Polyethylene Glycol Based Bioinks	Ben Wu
11	Jisi Zheng	Fused Deposition Modelling 3D Printing of High Temperature Polymers: WMCNTs-PEEK Composites	Ben Wu
12	Chen Chen	Trb3 Enhances Osteogenic Differentiation of Mesenchymal Stem Cells	Anahid Jewett
13	Meng-Wei Ko	Mechanisms of CD8+ T cells Expansion by Super-charged NK cells	Anahid Jewett
14	Sevda Pourghaei	A Bio-inspired Adhesive Hydrogel for Craniofacial Bone Tissue Engineering	Alireza Moshaverinia
15	Hiroko Okawa	Enhanced Osteogenesis of Mouse BMSC by Npas2 Down-regulation	Ichiro Nishimura
16	Hiroaki Kitajima	Numerical Simulation of Cellular Movement Around Implant Surfaces with Different Hydrophilicity/Hydrophobicity Levels Using Computational Fluid Dynamics	Takahiro Ogawa
17	Chase Linsley	Photocurable Bioink for the Inkjet 3D Pharming of Hydrophilic Drugs	Ben Wu
18	Giovanny F. Acosta-Velez	Biocompatible Photocurable Resins for the 3D Pharming of Combination Therapies	Ben Wu
<b>DENTAL MATERIALS POSTERS:</b>			
#	Name	Title	Mentor
19	Samira Rahim Taleghani	<i>In Vitro</i> Oral Bacterial Biofilm Formation on Titanium and Zirconium with Different Surface Topographies	Takahiro Ogawa
20	Faezeh Shahnazi	Novel Biomimetic Nanolayered Implant Surface with Superior Osteoconductive Properties	Alireza Moshaverinia
22	Matthew Rahnama	Enhanced Osteoinductivity of DBM with Noggin Suppression	Min Lee

## DENTAL MATERIALS POSTERS CONTINUED:

#	Name	Title	Mentor
23	Andre Cataluna	Size and Stability of Pigments in Solutions Used in Colored 3D Printing	Ben Wu
24	Shadi Haykani	Effects of pH and Temperature on Stress Relaxation of TPU	Ben Wu
25	Ryotaro Ozawa	Creation of a New zirconia Surface with CactusNano Morphology	Takahiro Ogawa
26	Brittany Kane	CAD/CAM and RP in Removable Prosthodontics: Current Applications	Kuma Shah
27	Varisha Parikh	Bond Strength of Provisional Crown Reline Material to Milled PMMA	Kuma Shah
28	Kristin Hutkin	PEKK (polyetherketoneketone): Bonding – A Review	Kumar Shah
29	Robert J. Faulkner	A Comparative Bond Strength Analysis of Digital Denture Materials Using Three Common Reline Materials	Kumar Shah
30	Fangming Li	Standardized Characterization of Clear Orthodontic Aligners with DMA	Ben Wu
31	Mahdi Hasani	Development and Characterization of a Novel Bioinspired Periodontal Membrane	Alireza Moshaverinia
32	Kosuke Hamajima	A Newly Created CactusNano Zirconia Surface Generates Stronger Osseointegration than Micro-roughened Titanium	Takahiro Ogawa
33	Mitsunori Uno	A Remarkable Difference in Mechanical Interlocking Abilities of Titanium with Different Surface Morphology and their Topographical Determinants	Takahiro Ogawa
34	Yulong Zhang	The Mechanical Properties of Clear Aligners Predicted by Time-Temperature Superposition Method	Ben Wu
35	Yun Chang Lee	Silicone Powder Based 3D Printing Technology for Maxillofacial Prostheses	Ben Wu
36	Chung-Sung Lee	A Hybrid 3D Scaffold Immobilized with Hedgehog Agonist Sterosome	Min Lee

THANK YOU JUDGES!

Dr. Sahar Ansari, Lecturer  
Section of Prosthodontics

Dr. Alireza Moshaverinia, Assistant Professor  
Section of Prosthodontics

Dr. Paulo Camargo, Professor & Chair  
Section of Periodontics  
Associate Dean, Clinical Dental Sciences  
Tarrson Family Endowed Chair in Periodontics

Dr. Todd Schoenbaum, Associate Clinical  
Section of Restorative Dentistry  
Professor & Director, Continuing  
Dental Education

Dr. Ting Ling Chang, Clinical Professor  
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Mr. Peter Shapiro, Friend,  
School of Dentistry

Dr. Arthur Friedlander, Director  
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Veterans Affairs Los Angeles &  
Professor-in-Residence, UCLA School  
of Dentistry

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Section of Restorative Dentistry  
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School of Dentistry

Dr. Christine Hong, Associate Professor  
Section of Orthodontics

Mr. Michael Weintraub, Friend,  
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Section of Restorative Dentistry

Dr. David Wong, Professor  
Section of Oral Biology

Dr. Min Lee, Professor  
Section of Biomaterials Science

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Dr. Renata Lux, Professor  
Section of Periodontics

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