

2021 IADR/AADR/CADR VIRTUAL MEETING JULY 21-24, 2021
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON SCHOOL OF DENTISTRY PRESENTATIONS

Time (CST)	Session ID # & Title	UTSD Faculty/Student/Staff/Guest in Bold	Category
Monday, July 12			
7:00 PM–8:30 PM	<i>411 Rapid Research Competition (Closed)</i>	Nicholas Tipton, Mary Younan	Oral
Wednesday, July 21			
7:00 AM–8:30 AM	<i>29 - Pediatric Oral Health Research Overview I. Prolonged General Anesthesia in a Pediatric Population</i>	Mary Younan, Brett Chiquet	Oral
10:00 AM–11:00 AM	<i>32 - Dental Fear, Anxiety & Phobias: Impact on Dental Treatment & Oral Health.</i> Communicating With Patients With Limited English Proficiency in Student Clinics	Andrea Pajarillo, Emily Sedlock, Kimberly Ruona	Poster
10:00 AM–11:00 AM	<i>36 - Approaches to Assessment & Treatment of Dental Caries.</i> Laser-Treated Dentin Surface Improves SDF Occlusal Retention and Dentinal Penetration	Nicole Moore, Lorraine Lau, Julian Holland, Daniel Harrington, Juliana Barros	Poster
10:00 AM–11:00 AM	<i>38 - Clefting & Molecular Biology I.</i> Review and Recommendations for Updating Syndromic Cleft Lip/Palate Entries in GeneReviews Database	Hannah Balcezak, Donna Khosravi, Brett T. Chiquet, Emily Hansen-Kiss	Poster
10:00 AM–11:00 AM	<i>53 - Dental Procedures, Dentures & Caries.</i> Caries Outcomes of Care Determination From an Electronic Health Record.	Alfa Yansane, Joel White, Ryan Brandon, Suhasini Bangar , Elsbeth Kalendarian, Joanna Mullins, Muhammad Walji	Poster
10:00 AM–11:00 AM	<i>59 - Periodontal Research: Diagnosis/Epidemiology I.</i> Identifying Buccal Furcation Involvement via Artificial Intelligence on Periapical Radiographs	Renee Kono, Nakleh Mseeh, Jing-Ping Teng, Chih-Yu Hsu, Jennifer Chang	Poster
10:00 AM–11:00 AM	<i>59 - Periodontal Research: Diagnosis/Epidemiology I.</i> Clinical Experience Levels to Diagnose Radiolucent Lesions From Peri-Apical Radiographs	Nakleh Mseeh, Jennifer Chang, Renee Kono, Aaron Glick	Poster
10:00 AM–11:00 AM	<i>63 - Sex & Gender in Dental Research.</i> Perceived Productivity of US Dental Researchers During the COVID-19 Pandemic	Grace De Souza, Tamanna Tiwari, Luciana Shaddox, Ariadne Letra , Patricia Miguez, Maria Geisinger, Effie Loannidou	Poster
12:30 PM–2:00 PM	<i>78 - Keynote Address; Next-generation Advances in OMS Research</i>	Simon Young, James Melville, Anh Le, Shuchun Sun, Maria Jubran	Oral

Thursday, July 22

7:00 AM–8:00 AM	<i>125 - Cariology Research: Clinical & Epidemiological Studies.</i> Multivariate GWAS of Correlated Dental Traits in a Multiethnic Cohort	Rasha Alotaibi, B. Howe, L.M. Uribe, C.V. Ramirez, C. Restrepo, F. Deleyainnis, C. Padilla, I Orioli, C. Buxo-Martinez, J. Hecht , G. Wehby, K. Neiswanger, J. Shaffer, S. Weinberg, M. Marazita	Oral
10:00 AM–11:00 AM	<i>142 - Clefting & Molecular Biology II.</i> Understanding Non-Syndromic Tooth Agenesis	Simone Menezes, Elizabeth Hunter, Brett Chiquet, Emily Hansen-Kiss, Ariadne Letra	Poster
10:00 AM–11:00 AM	<i>148 - eOral Health Network I.</i> Personalized Dashboards for Dentists to Monitor Their Opioid Prescribing Behavior	Sayali Tungare. Swaroop Ganela, Krishna Kookal , Alfa Yansane, Emily Sedlock , Sheryl McCurdy, Todd Johnson, Muhammad Walji	Poster
10:00 AM–11:00 AM	<i>158 - Oral Medicine & Pathology Research III.</i> Systematic Analysis of Endolysosomal Gene Mutations in Oral Cancer	Thanh Le, Dharini van der Hoeven	Poster
10:00 AM–11:00 AM	<i>158 - Oral Medicine & Pathology Research III.</i> Effects of Topical Cocaine Use – 14 Previously Unreported Oral Pathoses	Jerry Bouquot, Cleverick Johnson, Adepitan Owosho, Liliane Lins-Kusterer	Poster
1:00 PM–2:30 PM	<i>176 -Treating the Tumor Microenvironment in Head and Neck Cancer</i> Biomaterial Platform Technologies for Enhancing Cancer Immunotherapy	Nisha D'Silva, Yu Lei, James Melville, Simon Young , R Bryan Bell,	Symposium
2:45 PM–3:45 PM	<i>202 - Factors Influencing Microbial Colonization, Biofilm Development & Virulence II.</i> Metformin Induced Protective Mechanisms Against Mitis Group Streptococci	Ali Al Hatem, Ransome van der Hoeven	Poster
2:45 PM–3:45 PM	<i>208 - Orthognathic Surgery, Trauma, Reconstruction & OMS Education.</i> Analysis of Maxillofacial Traumatic Injuries in the Geriatric Population	Robert Anton, Sam Anton, Nagi Demian, Mark Wong	Poster
2:45 PM–3:45 PM	<i>213 - Periodontal Research: Diagnosis/Epidemiology II.</i> Periodontal and Systemic Diseases - Large-Scale Epidemiological Analysis in University Settings	Andrew Dugum, Nikolaos Soldatos, Homais Qadri, Effie Loannidou, Karo Parsegian	Poster

Friday, July 23

7:00 AM–8:00 AM	236 - <i>Regeneration, Repair and Therapies for Dental Tissues.</i> Bone Analogs for Investigating Mechanotransduction and Molecular Mechanisms in 3D	Maximilien DeLeon , Alexander Regner, Mary Farach-Carson , Gunes Uzer, Danielle Wu	Oral
7:00 AM–8:00 AM	237 - <i>Mechanotherapy.</i> Pointwise Dimensional Accuracy of 3D Printed Orthodontic Aligner	Jackson Valencia , Benjamin Cozad , Lacey Harris , Jeryl English , Fred Kasper	Oral
10:00 AM–11:00 AM	240 - <i>Dental & Oral Healthcare Settings, Coverage & Communication With Patients.</i> Assessing Documentation and Quality of Care Through an EHR-Based Audit	Emily Sedlock , Amity Gardner , Michelle Mun , Muhammad Walji , Ryan Brandon	Poster
10:00 AM–11:00 AM	246 - <i>Clinical & Translational Science Network II.</i> Evaluation of Change Detection Methods for Annual Dental Quality Measures	Todd Johnson, K. Kookal , R. Applegate, S. Banger , A. Yansane, J. White, R. Brandon , K. Simmons, J. Mullins, A. Neumann , M. Walji , E. Kalenderian	Poster
10:00 AM–11:00 AM	253 - <i>Implant Abutments, Implant-abutment Connection, Prosthetic Complications & Implant Planning.</i> Success and Complications of Implant Prostheses: a Retrospective Record Review.	Nicholas Tipton , Krishna Kookal , Maria Loza	Poster
10:00 AM–11:00 AM	271 - <i>Bioengineering Approaches to Xerostomia Treatment & Salivary Gland Regeneration.</i> Collagen XVII in Human Salivary Glands: Influence on Dynamic Assembly	Cesar Zapata , Tristen Tellman , Vikram Aggarwal, Mary Farach-Carson	Poster
10:00 AM–11:00 AM	271 - <i>Bioengineering Approaches to Xerostomia Treatment & Salivary Gland Regeneration.</i> Neurointegration of Assembling Human Salivary Stem/Progenitor Cells Assists Neotissue Formation	Caitlynn Barrows , Danielle Wu , Laura Smith Callahan, Simon Young , Mary Farach-Carson	Poster
10:00 AM–11:00 AM	271 - <i>Bioengineering Approaches to Xerostomia Treatment & Salivary Gland Regeneration.</i> Microfluidics-Based Coaxial Bioprinting of Hydrogels for Salivary Tissue Engineering	Yu Yin , Danielle Wu , Mary Farach-Carson , Daniel Harrington	Poster
1:00 PM–2:00 PM	289 - <i>Keynote Address; Novel Therapeutics & Regenerative Approaches for Radiation-Induced Hyposalivation.</i> Light-Based Carving of Branched Salivary Templates in Tissue Engineering Hydrogels	Alen Trubelja , Danielle Wu , Mary Farach-Carson , Daniel Harrington	Oral

2:45 PM–3:45 PM	294 - <i>SCADA: Clinical Science/Public Health Research II.</i> 3D-Printed Model Shell Thickness Affects Accuracy of Thermoformed Orthodontic Aligners	Dane Risinger , Keri Kenning, Benjamin Cozad , Jeryl English , Fred Kasper	Poster
2:45 PM–3:45 PM	305 - <i>Color & Appearance (Esthetic) III.</i> Staining and Aging-Dependent Changes in Translucency of CAD/CAM Materials	Dejan Stamenkovic, Rubens Tango, Ana Todorovic, Duygu Karasan, Irena Sailer, Rade Paravina	Poster
2:45 PM–3:45 PM	306 - <i>The Impact of COVID-19 on Dental Education.</i> Adaptation to Virtual Education, Generation Z, Amidst COVID-19	Michele White , Magda AbdelFattah , Dina Shokralla , Ezinne Ogbureke	Poster
2:45 PM–3:45 PM	307 - Evidence-based Dentistry Network II. Effect of Traumatic Dental Injuries on Oral-Health-Related Quality of Life	Nitesh Tewari, Vijay P. Mathur, Shubhi Goel, Morankar, Rahul, Kalpana Bansal, Sukeshana Srivastav, Partha Halder, Priyanshi Ritwik	Poster
2:45 PM–3:45 PM	308 - <i>Geriatric Oral Research II.</i> Nursing Home Staff Attitudes Towards and Practices of Oral Hygiene	Sydney Pham , Natalia Rozas , Cameron Jeter	Poster
2:45 PM–3:45 PM	317 - <i>Pulp Biology & Regeneration III.</i> Analysis of Maxillary Central Incisor Morphology for Root Canal Therapy	Dooyeol Kim , Mustafa Aldabbagh, Julian Holland , Scott Makins , Ji Wook Jeong	Poster
Saturday, July 24			
7:00 AM–8:30 AM	323 - <i>Bone-Muscle Crosstalk and its Involvement in Craniofacial Bone Defect Repair</i>	Neelam Ahuja, Venu Varanasi, Simon Young , Lynda Bonewald, Mark Johnson, Marco Brotto	Symposium
7:00 AM–8:00 AM	335 - <i>Keynote Address; Color & Appearance (Esthetics).</i> Correlation Between ΔE_{00} and ΔE_{ab} for Pink Restorative Materials	Vesna Miletic, Branka Trifkovic, Dejan Stamenkovic, Rubens Tango, Rade Paravina	Oral
7:00 AM–8:00 AM	339 - <i>Periodontal Research: Diagnosis/Epidemiology II.</i> Accurate Artificial Intelligence-Aided Diagnosis of Periodontitis Based on Radiographic Images	Chun-Teh Lee , Tanjida Kabir, Jiman Nelson, Sally Sheng, Hsiu-Wan Meng, Muhammad Walji , Xiaoqian Jiang, Shayan Shams	Oral
10:00 AM–11:00 AM	345 - <i>Caries Risk Assessment & Treatment Strategies.</i> A Quality Measure to Assess Documentation of Caries Risk Assessment	Suhasini Bangar , A. Neumann , J. White, A. Yasane, T. Johnson, G. Olson , S. Kumar , K. Kookal , A. Kim, E. Obadan-Udoh, E. Mertz, K. Simmons, J. Mullins, R. Brandon , M. Walji , E. Kalendarian	Poster

10:00 AM–11:00 AM	<i>347 - Morphology & Orthodontics.</i> Oral Health in Pseudoachondroplasia Presents Few Unique Challenges	Omkar Patel , Syed Hashmi, Jacqueline Hecht , Brett Chiquet	Poster
1:00 PM–2:30 PM	<i>377 - New Insights into Salivary Gland Biology and Regeneration</i> Preclinical Models for Testing the 3D Salivary Tissue (3D-ST) for Treatment of Xerostomia	Kimberly Jasmer, Melinda Larsen, Isabelle Lombaert, Rose-Anne Romano, Alejandro Chibly, Kirsten Limes, Mary Farach-Carson	Symposium
1:00 PM–2:30 PM	<i>379- Resilience and Productivity During Challenging Times</i>	Grace de Souza, Luciana Shaddox, Effie Ioannidou, Ariadne Letra , Patricia Miguez, Mia Geisinger	Symposium