

ABSTRACT FINAL ID	ABSTRACT TITLE	PRESENTER	GSDM DEPARTMENT(S)	SESSION TITLE	SESSION TYPE	SESSION DAY & DATE	PRESENT ATION TIME	SESSION TIME	SESSION LOCATION
2	Welcome/Setting the Stage	Raul Garcia	Health Policy & Health Services Research	AADR Faculty Development Workshops: Mentoring Mentors and Mentees	Satellite	Tuesday, March 20, 2018	8:30-8:45AM	9:00-5:00PM	Grand Ballroom A Convention Center
	Chair of Session	Belinda Borrelli	Health Policy & Health Services Research	Behavioral Factors and Interventions in Early Childhood and Pediatric Caries	Symposium	Wednesday, March 21, 2018		1:30-3:00PM	Floridian Room B/C Convention Center
36	Peer-Delivered Motivational Interviewing to Prevent ECC in Public Housing Residents	Michelle Henshaw	Health Policy & Health Services Research	Behavioral Factors and Interventions in Early Childhood and Pediatric Caries	Oral	Wednesday, March 21, 2018	2:00-2:15PM	1:30-3:00PM	Floridian Room B/C Convention Center
37	Parent-Targeted Text Messages to Improve Oral Health Among High-Risk Children	Belinda Borrelli	Health Policy & Health Services Research	Behavioral Factors and Interventions in Early Childhood and Pediatric Caries	Oral	Wednesday, March 21, 2018	2:15-2:30PM	1:30-3:00PM	Floridian Room B/C Convention Center
66	Analysis of Nasal Airway Symmetry and Pharyngeal Airway Following RME	Charles DiCosimo	Orthodontics & Dentofacial Orthopedics	Orthodontics Research I: Airway	Oral	Wednesday, March 21, 2018	1:45-2:00PM	1:30-3:00PM	Grand Ballroom D Convention Center
187	A Novel 3D Cephalometric Analysis Using CBCT Landmarks	Dan Moynihan	Orthodontics & Dentofacial Orthopedics	Orthodontics Research II: Ortho-Science	Oral	Thursday, March 22, 2018	9:00 - 9:15AM	8:00-9:30AM	Grand Ballroom D Convention Center
188	Reproducibility of Locating Orthodontic Landmarks on Human Skulls on CBCT	Andrew Pham	Orthodontics & Dentofacial Orthopedics	Orthodontics Research II: Ortho-Science	Oral	Thursday, March 22, 2018	9:15-9:30AM	8:00-9:30AM	Grand Ballroom D Convention Center
193	Novel Ex-Vivo Live Bone Organ Culture Models for Evaluation of Clinically Used Alloplasts as Bone Graft Materials	Abdelrouf Suwid	Periodontology	Periodontal Regeneration	Oral	Thursday, March 22, 2018	9:00-9:15AM	8:00-9:30AM	Grand Ballroom E Convention Center
307	Oral Health for Older Adults Interprofessional Workshop	Laura Kaufman	General Dentistry	Geriatric Oral Research	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
241	Optical and Mechanical Properties of Alumina Ceramic Matrix Composites	Waad Khayat	Restorative Sciences/Biomaterials	Ceramic-based Materials I	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
503	Effects of Sintering Protocols on Microstructure and Strength of Zirconia	Saeed Yazdianpour	Restorative Sciences/Biomaterials	Clinical Science/Public Health Research	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
376	Laypeople's Preference for Smile Esthetics Following Orthodontic Treatment	Johnny Gonzalez	Orthodontics & Dentofacial Orthopedics	Orthodontics Research: Education and Patient Care	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
415	Understanding Pathologies Associated With Deficient LATS1/2 Kinase in Salivary Glands	Ariana Dela Cruz	Molecular & Cell Biology	Salivary Research I	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center

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417	Ductal Tree Patterning During Branching Morphogenesis of the Submandibular Gland	Edith Lin	Molecular & Cell Biology	Salivary Research I	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
220	LOXL2 Maintain and Protect TMJ-OA Cartilage in Vivo	Mustafa Tashkandi	Molecular & Cell Biology	Craniofacial Biology-Temporomandibular Joint and Mandibular Condylar Cartilage	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
328	CXCL1-mediated Signaling Pathway in Response to P.g./LPS in THP-1	Abdullah Bamashmous	Periodontology	Microbiology/Immunology: Periodontitis	Poster	Thursday, March 22, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
567	Staining and Cleaning Effect on Physical Properties of Denture Resin	Peixi Liao	Restorative Sciences/Biomaterials	Experiments with Digital Prosthodontics and Properties of Maxillofacial Materials	Oral	Thursday, March 22, 2018	3:00-3:15PM	2:00-3:30PM	Grand Ballroom D Convention Center
563	Comparing Accuracy of 3D Printed and Milled Dental Models	Shan Alvi	Restorative Sciences/Biomaterials	Experiments with Digital Prosthodontics and Properties of Maxillofacial Materials	Oral	Thursday, March 22, 2018	2:00-2:15PM	2:00-3:30PM	Grand Ballroom D Convention Center
552	LSD1 Promotes Oral Cancer	Manish Bais	Molecular & Cell Biology	Oral Health Research I: Molecular Mechanisms in Oral Cancer and Atherosclerosis	Oral	Thursday, March 22, 2018	2:15-2:30PM	2:00-3:30PM	Grand Ballroom H Convention Center
565	Edge Chipping Analysis of CAD/CAM Bur Milled Block Materials	Hetaf Redwan	Restorative Sciences/Biomaterials	Experiments with Digital Prosthodontics and Properties of Maxillofacial Materials	Oral	Thursday, March 22, 2018	2:30-2:45PM	2:00-3:30PM	Grand Ballroom D Convention Center
812	Retention Load of Various Ceramics and Cement Combinations to Titanium	Marwa Shembesh	Restorative Sciences/Biomaterials	Testing Cements and Their Effects: In-Vitro and In-Vivo	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
740	MMP-20 Expression in 3D-Ex-Vivo Cancer-Bone Interactive Model Systems	Melissa Ferguson	Periodontology	Mineralized Tissue II	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
661	Cyclic Fatigue of CAD/CAM Screw Retained Implant Crowns	Rasha Ali	Restorative Sciences/Biomaterials	Ceramic-based Materials II	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
813	Cementing Zirconia: Cement types, Self vs. Light-curing, Effect of particle-abrasion	Ahmed Maawadh	Restorative Sciences/Biomaterials	Testing Cements and Their Effects: In-Vitro and In-Vivo	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
768	Bio-action of Alveolar Bone Remodeling by Piezoelectric Surgery in Rats	Taisuke Ohira	Periodontology	New Approaches to Treat Periodontal Diseases and Regenerate the Peiodontium	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
569	Subjective Caries Risk Assessment in VA Dentistry	M. Marianne Jurassic	General Dentistry / Health Policy & Health Services Research	Early Childhood Caries Prevention, Fluoride, Diet, and Oral Health Literacy	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
574	Agent-based Model of Fluoride Effects on Caries Development in Children	Brenda Heaton	Health Policy & Health Services Research	Early Childhood Caries Prevention, Fluoride, Diet, and Oral Health Literacy	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center

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778	The Effect of the Modified Kavain Compound on Inhibition of P.Gingivalis /LPS-induced TNF-Alpha Production in Human THP-1 Cells	Mansour Alasiri	Periodontology	New Approaches to Treat Periodontal Diseases and Regenerate the Peiodontium	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
779	Analysis of TNFAIP1 DNA-mediated Signaling Pathway and Promoter Activity in Human THP-1 Cells in Response to P.gingivalis/LPS	Feng Cao	Periodontology	New Approaches to Treat Periodontal Diseases and Regenerate the Peiodontium	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
580	Healthy Diet and Dental Caries Among Adolescents, NHANES 2011-2014	Woosung Sohn	Health Policy & Health Services Research	Early Childhood Caries Prevention, Fluoride, Diet, and Oral Health Literacy	Poster	Thursday, March 22, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
	Boston University Henry M. Goldman School of Dental Medicine Reception					Thursday, March 22, 2018		6:00-8:00PM	Hilton Atlantic Ballroom 3
823	Type 2 Diabetes Primes B Cell and Th1 Support of Periodontal Disease	Barbara Nikolajczyk	Boston University Department of Microbiology	Immunological Therapeutics for Periodontal Disease	Symposium	Friday, March 23, 2018	8:20-8:40AM	8:00-9:30AM	Room 304/305 Convention Center
871	Long-term Retention of Oral Health Knowledge among Non-dental Healthcare Providers	Alaa Redwan	Pediatric Dentistry	Keynote Address; Pediatric Oral Health Research I	Oral	Friday, March 23, 2018	9:15-9:30AM	8:00 - 9:30AM	Grand Ballroom H Convention Center
858	Student Learning of Digital vs Plaster Orthodontic Model Analysis	Frank Schiano	Orthodontics & Dentofacial Orthopedics	Student Support, Learning, and Preparedness	Oral	Friday, March 23, 2018	8:30-8:45AM	8:00 - 9:30AM	Grand Ballroom D Convention Center
1108	Embrasure Design Effects on Fracture Load of Three Unit Bridges	Nasreen Albar	Restorative Sciences/ Biomaterials	Projects with CAD-CAM Techniques and Materials for Restoring the Affected Natural Dentition	Poster	Friday, March 23, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
1099	Sleep Disturbances and Upper Airway Size Among Children 3-18 Years	Salam Alsadiq	Pediatric Dentistry	Pediatric Oral Health Research: Dental Caries, Fluorides, Provider and Family Characteristics	Poster	Friday, March 23, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
1096	Effects of CO2 Laser and Fluoride Treatment on Enamel Hardness	Hamam Bahammam	Pediatric Dentistry	Pediatric Oral Health Research: Dental Caries, Fluorides, Provider and Family Characteristics	Poster	Friday, March 23, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
1018	Stability and Osseointegration in Piezo-Implants Versus Cylindrical Implants	Trevor Fujinaka	Periodontology	Implant Devices and Host Response- Wound Healing, Osseointegration and Biofilm Challenge	Poster	Friday, March 23, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
943	Early Detection of Oral Cancer: A Dental Responsibility	Hirwa Shah	General Dentistry	Diagnostic Sciences II	Poster	Friday, March 23, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center

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1097	Comparison of Enamel Fluoride Uptake of Three Different Fluoride Varnishes	Maria Al Ismail	Pediatric Dentistry	Pediatric Oral Health Research: Dental Caries, Fluorides, Provider and Family Characteristics	Poster	Friday, March 23, 2018	11:00-12:15PM	11:00-12:15PM	Hall B/C Convention Center
1186	Keynote Address: Truth and Mysteries of Saliva	Frank Oppenheim	Molecular & Cell Biology	Keynote Address; Salivary Research I	Oral	Friday, March 23, 2018	2:00-3:30PM	2:00-3:30PM	Grand Ballroom D Convention Center
1224	Racial/Ethnic Disparities in Opioids Prescription by Dentists	Adeem Alofi	Health Policy & Health Services Research	Substance Use; Older Adults; Medical Comorbidities	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1208	Incretin Dysregulation of Lysyl Oxidase: A New Mechanism for Diabetic Bone Disease	Eileen Daley	Molecular & Cell Biology	AADR Hatton Competition: Senior	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1362	Osteocytes Control Macrophages and Osteoclast by Gsα Signaling	Ehab Azab	Restorative Sciences/ Biomaterials	Mineralized Tissue III	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1263	Heritability of Facial Growth of Children Using Lateral Cephalograms	Ramandeep Samra	Orthodontics & Dentofacial Orthopedics	Craniofacial Biology - Bone, Facial Growth and Tooth Movement	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1222	Prevalence of Selected Dental Outcomes Among Older Adults by Health Insurance Status—United States, 2011-2014	Eleanor Fleming	Health Policy & Health Services Research	Substance Use; Older Adults; Medical Comorbidities	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1195	Pharmaceutical Modification of a Gluten-degrading Enzyme Derived From Oral Bacteria	Ghassan Darwish	Molecular & Cell Biology	AADR Hatton Competition: Junior	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1398	Defining Hard and Soft Tissue Asymmetry Using 3-dimensional CBCT Analysis	Marisa Reason	Orthodontics & Dentofacial Orthopedics	Orthodontics Research: Imaging and Diagnostics	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1349	Exploring Role of Bacillus subtilis in Enzymatic Celiac Disease Treatment	Jessica Collins	Molecular & Cell Biology	Microbiology/Immunology: Inflammation	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1258	Effect of Piezotome on Bone Regeneration in the Absence and Presence of Bisphosphonate	Fahad Aljamal	Periodontology	Craniofacial Biology - Bone, Facial Growth and Tooth Movement	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1223	Dental Care Utilization Among US Elderly With Chronic Medical Conditions	Eman Aljoghaiman	Health Policy & Health Services Research	Substance Use; Older Adults; Medical Comorbidities	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1374	Inhibition of EGFR by Targeting β-catenin/CBP Signaling in Oral Cancer	Khalid Alamoud	Molecular & Cell Biology	Oral Cancer and Tobacco-related Research, Biofilm, Visualization & Imaging	Poster	Friday, March 23, 2018	3:45-5:00PM	3:45-5:00PM	Hall B/C Convention Center
1503	Healthy Eating Index and Caries Among Adults, NHANES 2011-2014	Elizabeth Kaye	Health Policy & Health Services Research	Diet and Oral Health Across the Lifespan	Oral	Saturday, March 24, 2018	8:00-8:15AM	8:00-9:30AM	Room 315/316 Convention Center

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1515	3D Evaluation of Condylar Changes After Rapid Maxillary Expansion	Camille Francois	Orthodontics & Dentofacial Orthopedics	Orthodontics Research III: Ortho-clinic	Oral	Saturday, March 24, 2018	8:00-8:15AM	8:00-9:30AM	Grand Ballroom D Convention Center
1579	Effects of Colorants on Mechanical and Physical Properties of Zirconia	Ray Kuo	Restorative Sciences/Biomaterials	Ceramic-based Materials IV	Poster	Saturday, March 24, 2018	11:00-2:15PM	11:00-2:15PM	Hall B/C Convention Center
1631	Effect of Curing Light Intensity on Polymerization Shrinkage Stress	Srujana Kraleti	Restorative Sciences/Biomaterials	Dental Materials 2:Polymer-based Materials IV	Poster	Saturday, March 24, 2018	11:00-2:15PM	11:00-2:15PM	Hall B/C Convention Center
1762	Transforming E. coli and B. subtilis With Plasmid Encoding Gluten-Degrading Enzymes	Jessica (Jia Hui) Wang	Molecular & Cell Biology	Salivary Research II	Poster	Saturday, March 24, 2018	11:00-2:15PM	11:00-2:15PM	Hall B/C Convention Center
1765	Stability Assessment of a Gluten-degrading Subtilisin Derived From Oral Microbes	Guoxian Wei	Molecular & Cell Biology	Salivary Research II	Poster	Saturday, March 24, 2018	11:00-2:15PM	11:00-2:15PM	Hall B/C Convention Center