

## SCIENCE IN DENTAL PRACTICE DAY 2023 MARCH 6<sup>TH</sup> POSTER PRESENTATION

POST-GRADUATE RESEARCH STUDIES	PRIMARY FACULTY MENTOR(S)	TITLE OF STUDY	DEPARTMENT	POSTER NUMBER
Akshay Keerthy	Jong Ryul Kim Wanda Gordon Santiago Orrego	Influence of kinematics of nickel-titanium instruments on root canal preparations of dental students – A Micro CT evaluation	Endodontics	1
Henderson, J.,	J. Sciote C. Doumit J. Moore J. Godel	Differences in Salzmann Evaluation Index Subsection Scores in Orthodontic Medicaid Patients in PA	Orthodontics	2
Kirshblum, M.	J. Moore J. Godel J. Sciote	Correlation between Tongue Size and Location and Dentoalveolar Position	Orthodontics	3
Nuveen, J.	J. Moore J. Sciote C. Doumit J. Godel	The Importance and Utilization of the Frontal View in Orthodontic Treatment Planning	Orthodontics	4
Serio, C.	J. Godel C. Doumit J. Moore J. Sciote	Malocclusion Severity and Enamel Decalcification Relationships in Fixed Orthodontic Treatment	Orthodontics	5
Terry, C.	J. Moore J. Godel C. Doumit O. Tuncay	The Effects of Orthodontic Treatment on Commissures in Growing Patients	Orthodontics	6

Gregory Ramirez	Santiago Orrego	Cytotoxic Effects Of Dental Implant Debris After Decontamination Treatment Using Er:Yag Laser	Periodontology	7
Jeong Ho Yang	Maobin Yang Santiago Orrego Carolina Montoya	Assessment of antibacterial effect and flowability of a modified BC Sealer with chitosan nano-particles	Endodontics	8
Khalida N. Stanazai	Thomas E. Rams	Peri-implantitis microbiota resistance to azithromycin and metronidazole	Periodontology	9
Alissa Weyman	Chukwuebuka Ogwo Louis Dipede Marisol Tellez	Effect of the COVID-19 Pandemic on Dental Anxiety and OHRQoL	Oral Health Sciences	10
Navya Kuchibhotla	Sumant Puri Rishabh Sharma	The Love for Iron: A Tale of Two Candida spp.	Oral Health Sciences	11
Luke Revelt	Maobin Yang Sumant Puri	Analysis of Interactions Between Candida Albicans and Enterococcus Faecalis in an Iron Rich Environment	Endodontics/OHS	12
Hoonji Jang	Eugene Whitaker Cemil Yesilsoy Roni Nissan	Degradation of Kininogen and Fibrinogen by <i>Porphyromonas endodontalis</i>	Endodontics	13
Hossein Zarezadeh	Roni Nissan Maobin Yang	The Use of Periostest as a Diagnostic Tool in Endodontics	Endodontics	14

	<b>PRE-DOCTORAL RESEARCH STUDIES</b>	<b>PRIMARY FACULTY MENTOR(S)</b>	<b>TITLE OF STUDY</b>	<b>DEPARTMENT</b>	
	Sneha Anantha Deedhiti Patel	Marisol Tellez	Association between Caregiver's Oral Health Literacy and Children's Dental Anxiety in a Pediatric Dental Clinic	Oral Health Sciences	15
	Aarushi Agarwal Maianh Nguyen Apexa Patel Duy Quan	Santiago Orrego	Examining the Performance of Curing Lights in the Temple Kornberg School of Dentistry Undergraduate Clinics	Oral Health Sciences	16
	Lindsay Pisan Unnati Soni Antonia Yuko Mutahara Azeeza	Marisol Tellez	Impact of Tobacco Control Policies on Current Adult Smokers from a Dental School Clinic	Oral Health Sciences	17
	Dominique Petrone Andrea Tannis	Maria Fornatora John Moore	Final Course Grade Variables	OMSP	18
	Paula Demings	Chukuebuka Ogwo	Nutritional Predictors of Pediatric Caries Using the Kornberg School of Dentistry (KSoD) Electronic Health Record (EHR)	Oral Health Sciences	19
	Tooba Rehman Christina Ta Eric Tran Kevin Trieu Sara Valliani	Eugene Dunne	The association between coping strategies and anticipated anxiety and pain in the dental setting.	Oral Health Sciences	20
	Marina Awad Soshiana Azizi Michelle Yu	Chukwuebuka Ogwo	Impact of psychosocial disorders	Oral Health Sciences	21

	Haley Lockstein		(depression and anxiety) on oral health outcomes among patients attending the Temple Kornberg School of Dentistry Dental Clinic		
	Alexandria Catalano Caileigh Fritz Nikita Patel Angelica Saclayan	Sara Toema	Assessing the Impact of the Pandemic on Parents Seeking Dental Care for Their Children at the Temple Kornberg School of Dentistry	Pediatric Dentistry	22
	Holley Fok Nathalia Mercado	Santiago Orrego Nezar Al-Hebshi	The Effect of Positive Piezoelectric Charges on the Oral Microbiome Modulation	Oral Health Sciences	23
	Bina Patel Ambica Reddy	Marisol Tellez Chukwuebuka Ogwo Joseph Greenberg	Effectiveness of an online training module in nutritional counseling for obesity prevention among dental providers	Oral Health Sciences	24
	Maral Moosavi Navpreet Singh Dhanoa Heera Ramaswamy Suhaib Herraka Micheal Bassil	Santiago Orrego Lina Maria Roldan Lopera	Evaluating the Biocompatibility of 3D Printed Ricoh Silicone Maxillofacial Prosthetic Material for Extraoral Use / Cytotoxic Effects of Silicone Prosthesis Material on Human Fibroblast Cells	Oral Health Sciences	25
	Michael Bassil Manraj Bhangra	Nezar Al-hebshi	Comparison of the microbiome in	Oral Health Sciences	26

	Anisha Bhakta Devashree Dave Divyashri Baraniya		American and Indian smokeless tobacco products		
	Thomas Dong Bang Nguyen	Chukwuebuka Ogwo	Automated Detection of Occlusal Caries in Permanent Dentition Using Deep Learning Algorithm	Oral Health Sciences	27
	Daniel Markel	James Sciote	Correlation Between Modified Mallampati Tongue Score and Wits Analysis	Orthodontics	28
	Tamari Gochishvili Maral Moosavi Navpreet Dhanoa Amar Sharma Joaz Abraham	Eugene Whitaker	Effect of Mouthrinses on Biofilms on Implant Surfaces	Endodontics	29
	Kathy Kuo Monica Chang	Maobin Yang	The effect of disinfection protocol used in regenerative endodontic therapy on the stemness of SCAPs	Endodontics	30
	Krista Carramusa Geanna Figueroa Sebastian Rodriguez Victoria Tamura	Eugene Dunne Marisol Tellez	COVID-19 related fears and their association with dental anxiety among adults at TUKSoD	Oral Health Sciences	31
	Mannat Sawhney Minal Amin Ida Hooshmand Sumera Ali	Adam B. Wolf	Assessing the Influence of the Parental Anxiety on the Child's Fear/ Anxiety during Pediatric Dental Visits	Pediatric Dentistry	32
	M. Ryan Cleary Marielisa Otero Natalie Keener	Salim Nathoo Luis Herra	Colorimetric Evaluation of the Effect of the	Restorative Dentistry	33

	Tyler Oakes		Acrylic Denture Base on Tooth Color		
	Sara Valliani Colby Gottlieb Abanob Sarkis Niyatha Kaval	Salim Nathoo Nicholas Bizzaro	Chromametric Evaluation of Pre and Post use Shade Guides	Restorative Dentistry	34
	<b>SYSTEMATIC REVIEWS</b>	<b>PRIMARY FACULTY MENTOR(S)</b>	<b>TITLE OF STUDY</b>	<b>DEPARTMENT</b>	
	Christian Billings Aamir Alam Murtaza Ranijiwala Paul Rotzal	Eugene Dunne	Non-pharmacological Approaches to the Treatment of Dental Anxiety	Oral Health Sciences	35
	Paul E. Adeghe	Marisol Tellez	Effectiveness of 5% Novamin in Comparison with Fluoride Containing Dentifrices in the Treatment of Dentine Hypersensitivity	Oral Health Sciences	36
	Chenman, D. M. Lewis-Francis	J. Sciote J. Godel J. Moore	Arch Length Reduction and Effects on Airway:	Orthodontics	37
	Kalina Casas	Chukwuebuka Ogwo Louis DiPede Sara Toema	The Effectiveness of Teledentistry on Dental Caries Diagnosis.	Oral Health Sciences	38
	Priya Dey	Marisol Tellez	Use of Sensory Adapted Dental Environment in Reduction of Dental Anxiety and Behavioral Stress in Children and Adolescents-	Oral Health Sciences	39
	Erene Saad	David Semeniuk Marisol Tellez Yueh Hsiao	Clinical efficacy of xenogeneic collagen matrix as a comparative alternative to free gingival graft in	Periodontology	40

			augmenting keratinized mucosa width around dental implants		
	Miriam Gabay	Jie Yang Maria Fornatora Chukwuebuka Ogwo Louis DiPede	Treatment Indications for Florid Cemento-Osseous Dysplasia:	OMSP/ Oral Health Sciences/Restorative	41
	Andrew Jung	Mehran Hossaini	Comparison of Er:YAG Laser vs Scalpel for Excisional Oral Surgery Procedures	OMSP	42
	Tanvi Shembekar	Chukwuebuka Ogwo Louis DiPede Marisol Tellez	Prediction of Dental Caries in Children Using Machine Learning vs Traditional Statistical Models	Oral Health Sciences	43