

**Table 17: Faculty Research Information**

<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
<i>Department of Endodontology</i>			
Jong Ryul Kim	None	None	<p>Verma P, Nosrat A, Kim JR, Price JB, Wang P, Bair E, Xu HH, Fouad AF. Effect of residual bacteria on the outcome of pulp regeneration in vivo. <i>Journal of Dental Research</i>. 2016; 96(1): 100-106.</p> <p>Zeng Q, Nguyen S, Zhang H, Chebrolu H, Alzebeleh D, Badi B, Kim J, Yang M. Release of growth factors into root canal by irrigations in regenerative endodontics. <i>Journal of Endodontics</i>. 2016; 42(12): 1760-1766.</p> <p>Kim J, Nosrat A, Fouad AF. Interfacial characteristics of biodentine and MTA with dentin in simulated body fluid. <i>Journal of Dentistry</i>. 2015; 43(2): 241-247.</p> <p>Nosrat A, Kim J, Verma P, Chand P. Tissue engineering considerations in dental pulp regeneration. <i>Iranian Endodontic Journal</i>. 2014; 9(1): 30-40.</p>
Roy Stevens	Development of a genetically engineered E. coli bacteriophage for treatment of enteric infections (5%)	\$462,699 Janssen Research & Development	Tinoco JM, Buttarro B, Zhang H, Liss N, Sassone L, Stevens RH. Effect of a genetically engineered bacteriophage on <i>Enterococcus faecalis</i> biofilms. <i>Archives of Oral Biology</i> . 2016 Nov; 71: 80-86.

Table 17:  
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**Table 17: Faculty Research Information**

<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
	Enterococcus faecalis biofilm disruption by a genetically engineered bacteriophage (5%)	\$226,495 Janssen Research & Development	Stevens RH, Zhang H, Hsiao C, Kachlany SC, Tinoco EMB, DePew J, et al. Structural proteins of Enterococcus faecalis bacteriophage fEf11 Bacteriophage. 2016 Nov; 6(4).
	Enterococcus faecalis bacteriophage (5%)	\$66,148 BioStrategy Partners	Stevens RH. Transduction-mediated horizontal gene transfer in the oral microbiome. Frontiers in Cellular and Infection Microbiology. 2015 Feb; 5(12): 1-2.
	Enterococcus faecalis bacteriophage (5%)	\$58,237 BioStrategy Partners	Zhang H, Fouts DE, DePew J, Stevens RH. Genetic modifications to temperate Enterococcus faecalis phage fEf11 that abolish the establishment of lysogeny and sensitivity to repressor and increase host range and productivity of lytic infection. Microbiology. 2013 Jun; 159(6): 1023-1035.
	Therapeutic potential of Enterococcus faecalis bacteriophage fEf11 (5%)	\$420,366 National Institutes of Health (NIH) 1R15DE021016-01	Stevens RH, Lobo dos Santos CM, Zuanazzi D, Mattos MB, Ferreira DF, Kachlany SC, et al. Prophage induction in lysogenic Aggregatibacter actinomycetemcomitans cells co-cultured with human gingival fibroblasts, and its effect on leukotoxin release. Microbial Pathogen. 2013 Jan; 54: 54-59.

Table 17:  
Faculty Research Information - 2

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			Siyam A, Wang S, Qin C, Mues G, Stevens RH, D'Souza RN, et al. Nuclear localization of DMP1 proteins in various cell lines. <i>Biochemical Biophysical Research Communications</i> . 2012 Aug; 424: 641-646.
Maobin Yang	<p>Spatial control of pulp-dentin complex regeneration using a tissue-engineered biomimetic scaffold (2%)</p> <p>The role of topographical cues on dental pulp stem cells osteogenic differentiation via mechanotransduction (2%)</p> <p>Induction of angiogenesis in tissue-engineered injectable scaffold designed for dental pulp tissue regeneration (2%)</p> <p>Dental tissue regeneration-novel biomaterial scaffold to the regeneration of periodontal ligament (5%)</p>	<p>\$17,038 American Association of Endodontists (AAE)</p> <p>\$15,040 American Association of Endodontists</p> <p>\$13,078 American Association of Endodontists</p> <p>\$150,000 Temple University – Provost Research Development Strategic Grant</p>	<p>Yang M, Ling J, Wei X, Zeng Q. Craniofacial tissue reconstruction with mesenchymal stem cells derived from dental tissue and bone marrow. <i>Nanomaterials and Regenerative Medicine</i>. 2016; 333-357.</p> <p>Gonzalez R, Zeng Q, Nissan R, Yesilsoy C, Yang M. Dentin hypersensitivity related to apical fenestration: a case report. <i>Austin Journal of Dentistry</i>. 2016; 3(4): 1043.</p> <p>Yang M, Zeng Q. Regenerative endodontics: a new treatment modality for pulp regeneration. <i>International Journal of Stomatology</i>. 2016; 9.</p> <p>Zeng Q, Nguyen S, Zhang H, Chebrolu H, Alzebedeh D, Badi B, Kim J, Yang M. Release of growth factors into root canal by irrigations in regenerative endodontics. <i>Journal of Endodontics</i>. 2016; 42(12): 1760-1766.</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
	<p>Dental tissue regeneration design and generate a novel three-dimensional bioengineered scaffold and combine it with dental stem cells and growth factors to regenerate dental tissues including bone and pulp-dentin complex (5%)</p> <p>Initiating a joint research project on tooth regeneration between Hebrew University of Jerusalem, TU Kornberg School of Dentistry and College of Engineering (2%)</p> <p>FAK regulate osteoblast morphology and function at different titanium surface under fluid shear stress (2%)</p> <p>Characterization of bioactivity of surface-modified titanium implants (2%)</p>	<p>Temple University – Startup Research Grant</p> <p>\$4,000 Temple University Internationalization Grants</p> <p>\$40,000 International Team for Implantology (ITI) Research Grant</p> <p>\$50,000 Natural Science Foundation of China</p>	<p>Yang M, Zeng Q, Pereira V, Bernardo O. Three-dimensional printing in dentistry: an advanced technology for craniofacial regeneration. <i>Mesenchymal Stem Cells and Craniofacial Regeneration</i>. Bentham Science. 2016; 27: 33-59.</p> <p>Yang M, Zhang H, Gangolli R. Advances of mesenchymal stem cells derived from bone marrow and dental tissue in craniofacial tissue engineering. <i>Current stem cell research and therapy</i>. 2014; (9): 150-161.</p> <p>Yang M. Regenerative endodontics: A new treatment modality for pulp regeneration. <i>JSM Dentistry</i>. 2013; 1: 1011-1012.</p>
Hongming Zhang	Development of a genetically engineered E. coli bacteriophage for	\$462,699 Janssen Research & Development	Tinoco JM, Liss N, Zhang H, Nissan R, Gordon W, Sassone L, et al. Effect of genetically engineered bacteriophage

Table 17:  
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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
	<p>treatment of enteric infections (10%)</p> <p>Enterococcus faecalis biofilm disruption by a genetically engineered bacteriophage (10%)</p> <p>Enterococcus faecalis Bacteriophage (3%)</p> <p>Enterococcus faecalis Bacteriophage (3%)</p> <p>Therapeutic potential of Enterococcus faecalis bacteriophage fEf11 (10%)</p>	<p>\$226,495 Janssen Research &amp; Development</p> <p>\$66,148 BioStrategy Partners</p> <p>\$58,237 BioStrategy Partners</p> <p>\$420,366 NIH 1R15DE021016-01</p>	<p>fEf11/fFL1C(□36)PnisA on dentin infection with antibiotic-resistant Enterococcus faecalis. Archives of Oral Biology. 2017 May; 82: 166-170.</p> <p>Zeng Q, Nguyen S, Zhang H, Chebrolu H, Alzebedeh D, Badi B, Kim J, Yang M. Release of growth factors into root canal by irrigations in regenerative endodontics. Journal of Endodontics. 2016; 42(12): 1760-1766.</p> <p>Tinoco JM, Buttarro B, Zhang H, Liss N, Sassone L, Stevens RH. Effect of a genetically engineered bacteriophage on Enterococcus faecalis biofilms. Archives of Oral Biology. 2016 Nov; 71: 80-86.</p> <p>Stevens RH, Zhang H, Hsiao C, Kachlany SC, Tinoco EMB, DePew J, et al. Structural proteins of Enterococcus faecalis bacteriophage fEf11 Bacteriophage. 2016 Nov; 6(4).</p> <p>Yang M, Zhang H, Gangolli R. Advances of mesenchymal stem cells derived from bone marrow and dental tissue in craniofacial tissue engineering. Current Stem Cell Research and Therapy. 2014; (9): 150-161.</p>

Table 17:  
Faculty Research Information - 5

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>Zhang H. Oral disease and diabetes mellitus: local health links systemic health. <i>Austin J Endocrinol Diabetes</i>. 2014; 1(3): 3.</p> <p>Zhang H, Fouts DE, DePew J, Stevens RH. Genetic modifications to temperate <i>Enterococcus faecalis</i> phage fEf11 that abolish the establishment of lysogeny and sensitivity to repressor and increase host range and productivity of lytic infection. <i>Microbiology</i>. 2013 Jun; 159(6): 1023-1035.</p>
<b><i>Department of Oral and Maxillofacial Pathology, Medicine and Surgery</i></b>			
Chizobam N. Idahosa	None	None	<p>Theodorou J, Rotz M, MacPhail L, Idahosa CN, Fornatora M, Tweddale E, Myers Virtue S. Designing and evaluating an interprofessional practice experience involving dental and pharmacy students. <i>American Journal of Pharmaceutical Education</i>. 2016; 80(5): 85.</p> <p>Idahosa CN, Boggess WJ, Levin LM, Alawi F. Unilateral enlargement of the mandible in a child. <i>Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology</i>. 2015; 120(4): 424-8.</p> <p>Idahosa CN, Stoopler ET, Sollecito T, Alawi F. Intraoral</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>manifestation of mycosis fungoides: a report of two cases. Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology. 2014; 117(5): 386-387.</p> <p>Idahosa, CN. Boggess WJ, Levin LM, Alawi F. Primary chronic osteomyelitis of the mandible in a child. Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology. 2014; 117(5): 1-12.</p> <p>Idahosa CN, Berardi, TR, Shkolnikov, R and Stoopler ET. Thrombocytopenia absent radius (TAR) Syndrome: a case report and review for oral health care providers. Special Care Dentistry. 2014; 34(5): 251-8.</p>
Jie Yang	Cost-efficient osteoporosis analysis using dental data	\$599,136 National Science Foundation (NSF)	<p>Liang L, Zhang Z, Gu P, Sherlock W, Vandenberg B, Jacobs R, Yang J, Ling H, Ma X. Comparison of micro-CT and Cone Beam CT on the feasibility of assessing mandibular trabecular structures in mandibular condyle. Dentomaxillofacial Radiology. 2017; 46(5): 20160435.</p> <p>Fenerty S, Shaw W, Verma R, Syed A, Kuklani R, Yang J, Ali S. Florid cemento-osseous dysplasia: review of an uncommon fibro-osseous</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>lesion of the jaw with important clinical implications. <i>Skeletal Radiology</i>. 2017; 46(5): 581-90.</p> <p>Wang P, Yang J, Yu Q. Lymphoepithelial carcinoma of salivary glands: CT and MR imaging findings. <i>Dentomaxillofacial Radiology</i>. 2017; 20170053.</p> <p>Zhu L, Zhang C, Hua Y, Yang J, Yu Q, Tao X, Zheng J. Dynamic contrast-enhanced MR in the diagnosis of lympho-associated benign and malignant lesions in the parotid gland. <i>Dentomaxillofacial Radiology</i>. 2016; 20150343.</p> <p>Cheng E, Zhu L, Yang J, Azhari A, Sitam S, Liang X, Ling H. Learning-based landmark detection for osteoporosis analysis. <i>SPIE Medical Imaging: Image Processing</i>. 2016; 9784, 97841X.</p> <p>Kim S, Yang J, Uzbelder D. A systematic review of the cervical plexus accessory innervation and its role in dental anesthesia. <i>Journal of Anesthesia History</i>. 2016.</p> <p>Zou Z, Yang J, Megalooikonomou V, Jennane</p>



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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>R, Cheng E, Ling H. Trabecular bone texture classification using wavelet leaders. SPIE Medical Imaging: Biomedical Applications in Molecular, Structural and Functional Imaging. 2016; 97880E.</p> <p>Ling H, Yang X, Li P, Megalooikonomou V, Xu Y, Yang J. Cross gender-age trabecular texture analysis in Cone Beam CT. Dentomaxillofacial Radiology. 2014; 43(4): 20130324.</p> <p>Patel JV, Slutsky H, Godel J, Yang J, Sciote JJ. Evaluating the diagnostic value of lateral cephalogram radiographs. Orthodontic Practice US. 2014; 5(2): 28-31.</p> <p>Ali S, Nankoo S, Syed AB, Yang J. Florid osseous dysplasia with superimposed mandibular osteomyelitis. Skeletal Radiology. 2014; 43(5): 679, 709-10.</p> <p>Mistry AR, Feldman DU, Yang J, Ryterski E. Low-dose X-ray sources and high quantum efficiency sensors: the next challenge in dental digital imaging? Radiology Research and Practice. 2014; 543524: 1-7.</p>

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			<p>Zhu L, Yang J, Zheng J. Radiological and clinical features of peripheral keratocystic odontogenic tumor. International Journal of Clinical and Experimental Medicine. 2014; 7(1): 300-6.</p> <p>Li P, Yang X, Xie F, Yang J, Cheng E, Megalooikonomou V, Xu Y, Ling H. Trabecular texture analysis in dental CBCT by multi-ROI, multifeature fusion. IEEE ISBI. 2014; 36: 846-849.</p> <p>Leknes KN, Yang J, Qahash M, Polimeni G, Susin C, Wikesjö UM. Alveolar ridge augmentation using implants coated with recombinant human growth/differentiation factor -5 (rhGDF-5): radiographic observations. Clinical Oral Implants Research. 2013; 24: 1185-1191.</p> <p>Zhu L, Wang P, Yang J, Yu Q. Non-Hodgkin's lymphoma involving the parotid gland: CT and MR imaging findings. Dentomaxillofacial Radiology. 2013; 42(9): 20130046.</p> <p>Balshi T, Wolfinger G, Yang J, Wulc D, Balshi S. Prevalence of non-dental pathology in Cone Beam computed</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>tomography studies for dental implants. The Journal of Implant &amp; Advanced Clinical Dentistry. 2013; 5(3): 21-6.</p> <p>Wu Y, Xie F, Yang J, Cheng E, Megalooikonomou V, Ling H. Automatic detection of apical roots in oral radiographs. SPIE Medical Imaging. 2012; 8315-93.</p> <p>Wu Y, Xie F, Yang J, Cheng E, Megalooikonomou V, Ling H. Computer-aided periapical lesion diagnosis using quantized texture analysis. SPIE Medical Imaging. 2012; 8315-43.</p> <p>Wang P, Tian Z, Yang J, Yu Q. Synovial chondromatosis of temporomandibular joint: MR imaging findings with pathologic comparison. Dentomaxillofacial Radiology. 2012; 41(2): 110-116.</p>
<b><i>Department of Orthodontics</i></b>			
James J. Sciote	Musculoskeletal heritable influences on malocclusion	\$325,000 NIH-NIDCR (National Institute of Dental and Craniofacial Research)	<p>Constant M, Nicot R, Vieira AR, Raoul G, Sciote JJ, Ferri J. Condylar geometry variation is associated with ENPP1 variant in a population of patients with dentofacial deformities. Journal of Cranio-Maxillofacial Surgery. 2017; 45(6): 826-830.</p> <p>Chung K, Richards T, Nicot R, Vieira AR, Raoul G, Ferri J, Sciote JJ. ENPP1 and ESR1</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>genotypes associated with subclassifications of craniofacial asymmetry and severity of TMD. American Journal of Orthodontics and Dentofacial Orthopedics. 2017; 44(9): 1226-1237.</p> <p>Nicot R, Vieira AR, Raoul G, Delmotte C, Ferri J, Sciote JJ. ENPP1 and ESR1 genotypes influence temporomandibular disorders development and surgical-treatment response in dento-deformities. Journal of Cranio-Maxillofacial Surgery. 2016; 44: 1226-1237.</p> <p>Zebrick B, Nicot R, Raoul G, Ferri J, Horton M, Vieira AR, Sciote JJ. ACTN3 R577X genotypes associated with Class II and deep bite malocclusions. American Journal of Orthodontics and Dentofacial Orthopedics. 2014; 146(5): 603-611.</p> <p>Nicot R, Hottenstein M, Raoul G, Ferri J, Horton M, Tobias J, Barton E, Sciote JJ. Asymmetry pathway genes are down regulated in facial asymmetry. Journal of Craniofacial Surgery. 2014; 25(6): 548-555.</p> <p>Patel JV, Slutsky H, Godel J, Yang J, Sciote JJ. Evaluating the diagnostic value of lateral</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>cephalogram radiographs. Orthodontic Practice US. 2014; 5(2): 28-31.</p> <p>Desh HC, Gray SL, Horton MJ, Raoul G, Rowleron AM, Ferri J, Vieira AR, Sciote JJ. Molecular motor MYO1C, acetyltransferase KAT6B and osteogenetic transcription factor RUNX2 expression in human masseter muscle contributes to development of malocclusion. Archives of Oral Biology. 2014; 59(6): 601-607.</p> <p>Huh A, Horton MJ, Cuenco KT, Raoul G, Rowleron AM, Ferri J, Sciote JJ. Epigenetic influences of KAT6B and HDAC4 in the development of skeletal malocclusion. American Journal of Orthodontics and Dentofacial Orthopedics. 2013; 144: 568-576.</p> <p>Sciote JJ, Raoul G, Ferri J, Close J, Horton MJ, Rowleron AM. Masseter function and skeletal malocclusion. Journal of Stomatology and Maxillofacial Surgery. 2013; 114: 79-85.</p> <p>Tassopoulou M, Deeley K, Harvey E, Sciote JJ, Vieira AR. Genetic variation in Myosin 1H contributes to mandibular prognathism.</p>

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			American Journal of Orthodontics and Dentofacial Orthopedics. 2012; 141: 51-59.  Sciote JJ, Horton MJ, Rowler AM, Ferri J, Close J, Raoul G. Human masseter muscle fiber type properties, skeletal malocclusions and muscle growth factor expression. Journal of Oral and Maxillofacial Surgery. 2012; 70: 440-448.
Harold Slutsky	None	None	Patel JV, Slutsky H, Godel J, Yang J, Sciote JJ. Evaluating the diagnostic value of lateral cephalogram radiographs. Orthodontic Practice US. 2014; 5(2): 28-31.
<i>Department of Pediatric Dentistry and Community Oral Health Services</i>			
Nezar Al-hebshi	None	None	Al-hebshi NN, Alharbi FA, Mahri M, Chen T. Differences in the bacteriome of smokeless tobacco products with different oral carcinogenicity: compositional and predicted functional analysis. Genes. 2017; 8: 106.  Perera M, Al-hebshi NN, Perera I, Ipe D, Ulett G, Speicher DJ, Chen T, Johnson NW. A dysbiotic mycobiome dominated by Candida albicans is identified within oral squamous cell carcinomas. Preprints 2017.  Al-hebshi NN, Nasher AT,

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			<p>Maryoud MY, Homeida HE, Chen T, Idris IM, Johnson NW. Inflammatory bacteriome featuring <i>Fusobacterium nucleatum</i> and <i>Pseudomonas aeruginosa</i> identified in association with oral squamous cell carcinoma. <i>Scientific Reports</i> 2017; 7(1):1834.</p> <p>Halboub E, Alzaili A, Quadri MF, Al-Haroni M, Al-Obaida MI, Al-hebshi NN. Antibiotic prescription knowledge of dentists in kingdom of Saudi Arabia: an online, country-wide survey. <i>J Contemp Dent Pract.</i> 2016; 17: 198-204.</p> <p>Perera M, Al-hebshi NN, Speicher DJ, Perera I, Johnson NW. Emerging role of bacteria in oral cancer: a review with special reference to periopathogenic bacteria. <i>Journal of Oral Microbiology.</i> 2016; 8: 32762.</p> <p>Al-hebshi NN, Li S, Nasher AT, El-Setouhy M, Alsanosi R, Blancato J, et al. Exome sequencing of oral squamous cell carcinoma in users of Arabian snuff reveals novel candidates for driver genes. <i>International Journal of Cancer.</i> 2016; 139(2): 363-72.</p> <p>Al-hebshi NN, Nasher AT, Speicher DJ, Shaikh MH,</p>

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			<p>Johnson NW. Possible interaction between tobacco use and EBV in oral squamous cell carcinoma. <i>Oral Diseases</i> 2016; 59(8): e4-e5.</p> <p>Al-hebshi NN, Abdulhaq A, Albarrag A, Basode VK, Chen T. Species-level core oral bacteriome identified by 16S rRNA pyrosequencing in a healthy, young Arab population. <i>Journal of Oral Microbiology</i>. 2016; 8: 31444.</p>
Vinodh Bhoopathi	<p>Pediatric patient care, population health and community-based training (PPCT) project for dental students (20%)</p> <p>Development and implementation of model curriculum for predoctoral dental and dental hygiene students to acquire competencies in dental public health (5%)</p> <p>Impact of curricula on oral health knowledge of case managers, community health workers and their clients</p>	<p>\$1,488,534 Health Resources and Services Administration (HRSA)</p> <p>\$94,949.07 American Association of Public Health Dentistry</p> <p>\$7,395 Nova Southeastern University Health Professions Division Research</p>	<p>Bhoopathi V, Tellez M, Lim S. Limited quality evidence suggests that caries experience at age 6 may predict low oral health related quality of life at 10 years. <i>Journal of Evidenced-Based Dental Practice</i>. 2017; 17 (2): 119-121.</p> <p>Joshi A, Ocanto R, Jacobs R, Bhoopathi V. Florida child care center directors' intention to implement oral health promotion practices in licensed child care centers. <i>BMC Oral Health</i>. 2016; 16(1): 100.</p> <p>Bhoopathi V, Zhao H, Myers S. Smoking status, dental visits and receipt of tobacco counseling in dental office among mobile and trailer home adolescents. <i>BMC Oral Health</i>. 2016; 16(1): 121.</p>



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			<p>Atchison KA, Mascarenhas AK, Bhoopathi V. Developing a flexible core dental public health curriculum for predoctoral dental and dental hygiene schools. J Public Health Dent. 2015; 75(1): S12-S24.</p> <p>Bhoopathi V. Establishing a speaker's bureau to teach dental public health curriculum in predoctoral dental and dental hygiene programs. Journal of Public Health Dentistry. 2015; 75(1): S33-S38.</p> <p>Bhoopathi V, Atchison KA. Pilot testing a predoctoral dental public health curriculum: reporting process and outcomes. Journal of Public Health Dentistry. 2015; 75(1): S25-S32.</p> <p>Tellez M, Bhoopathi V, Lim S. Baseline caries risk assessment using CAMBRA may predict caries only in high and extreme caries risk groups. J Evid Based Dent Pract. 2015 Dec; 15(4): 197-9.</p>
Marisol Tellez Merchan	R34 clinical trial or biomarker clinical evaluation study planning grant – dental anxiety	\$117,000 NIDCR	Myers Virtue S, Waldron EM, Darabos K, DeAngelis C, Moore DA, Fornatora M, Tellez M. Dental students' attitudes toward tobacco

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	<p>treatment among patients in a university clinic setting (5.08%)</p> <p>Clinical management of anxiety and access to health care (10%)</p> <p>Research collaborative Colgate Palmolive Dental Health Unit University of Manchester and Temple University (20%)</p> <p>Project CASA (5%)</p>	<p>\$250,000 Pennsylvania Department of Health</p> <p>\$200,000 Colgate Palmolive Company England</p> <p>\$188,000 Colgate Palmolive Company USA</p>	<p>cessation in the dental setting: a review. Journal of Dental Education. 2017; 81(5): 500-516.</p> <p>Myers Virtue S, Pendergast LL, Waldron EM, Tellez M, Ismail AI. Identifying non-cognitive skills that contribute to predoctoral dental student success: dental faculty perspectives. Journal of Dental Education. 2017; 81(3): 300-309.</p> <p>Bhoopathi V, Tellez M, Lim S. Limited quality evidence suggests that caries experience at age 6 may predict low oral health related quality of life at 10 years. Journal of Evidenced-Based Dental Practice. 2017; 17 (2): 119-121.</p> <p>Volgenant CMC, Zaura E, Brandt BW, Buijs MJ, Tellez M, Malik G, Ismail AI, ten Cate JM, Van der Veen MH. Red fluorescence of dental plaque in children – a cross-sectional study. Journal of Dentistry. 2017 Mar; 58: 40-47.</p> <p>Tellez M, Wolff M. The public health reach of high fluoride Vehicles: examples of innovative approaches. Caries</p>

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			<p>Research. 2016; 50(S1): 61-7.</p> <p>Potter C, Kinner D, Tellez M, Ismail AI, Heimberg R. Single-session computerized cognitive behavioral therapy for dental anxiety: a case series. <i>Clinical Case Studies</i>. 2016; 15(1): 3-17.</p> <p>Potter C, Kinner D, Jensen D, Kaplan S, Waldron L, Tellez M, Myers Virtue S, Heimberg R, Ismail AI. Understanding and treating dental anxiety: Dentists and psychologists join forces at Temple University. <i>Clinical Psychologist</i>. 2016; 69(2): 6-17.</p> <p>Lim S, Tellez M, Ismail AI. Dental caries development among African-American children: results from a four-year longitudinal study. <i>Community Dent Oral Epidemiol</i>. 2015; 43(3): 200-7. Epub: 2014 Dec 2.</p> <p>Ismail AI, Pitts N, Tellez M. The International Caries Classification and Management System (ICCMS™) An Example of a Caries Management Pathway. <i>BMC Oral Health</i>. 2015; 15(1): S9.</p> <p>Ismail AI, Lim S, Tellez M.</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>Tooth surface-level caries progression in the primary dentition among preschool children. Caries Res. 2015; 49: 442-448.</p> <p>Tellez M, Bhoopathi V, Lim S. Baseline caries risk assessment using CAMBRA may predict caries only in high and extreme caries risk groups. J Evid Based Dent Pract. 2015 Dec; 15(4): 197-9.</p> <p>Tellez M, Potter C, Kinner D, Jensen D, Waldron L, Myers Virtue S, Heimberg R, Ismail AI. A computer-administered tool to manage dental anxiety: a randomized clinical trial. J Dent Res. 2015 Sep; 94(9): 174S-80S.</p> <p>Tellez M, Kinner D, Heimberg R, Lim S, Ismail AI. Prevalence and correlates of dental anxiety in patients seeking dental care. Community Dent Oral Epidemiol. 2015 Apr; 43(2): 135-42.</p> <p>Tellez M, Lim S. Article analysis and evaluation. Noncavitated active caries lesions at occlusal surfaces presented higher risk of progression than inactive ones. Children with a higher number</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>of active lesions and with a higher caries experience presented a higher risk of developing new lesions. J Evid Based Dent Pract. 2014; 13(2): 1-3.</p> <p>Tellez M, Zini A, Estupinan Day S. Social determinants and oral health: an update. Curr Oral Health Rep. 2014; 1: 148-152.</p> <p>Potter C, Kinner D, Tellez M, Ismail AI, Heimberg R. Clinical implications of panic symptoms in dental phobia. J Anxiety Disord. 2014 Oct; 28(7): 724-30.</p> <p>Tellez M. Article analysis and evaluation. Cariogram validity in schoolchildren: a two-year follow-up study. J Evid Based Dent Pract. 2013; 13(2): 58-9.</p> <p>Tellez M, Kaur S. Caregiver's satisfaction with pediatric care in a university setting in North Philadelphia. J Dental Educ. 2013; 77(11): 1513.</p> <p>Ismail AI, Tellez M, et al. Caries Management Pathways CaMP's Report. Community Dent Oral Epidemiol. 2013; 41: e12-e40.</p> <p>Gordon D, Heimberg R, Tellez M, Ismail AI. A critical review</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>of approaches to the treatment of dental anxiety in adults. J of Anxiety Disorders. 2013; 27: 365-378.</p> <p>Estupiñán-Day S, Tellez M, Kaur S, Milner T, Solari A. Managing dental caries with atraumatic restorative treatment in children: successful experience in three Latin American countries. Rev Panam Salud Publica. 2013; 33(4): 237-43.</p> <p>Gomez J, Tellez M, Pretty IA, Ellwood RP, Ismail AI. Non-cavitated carious lesions detection methods: a systematic review. Community Dent Oral Epidemiol. 2013; 41(1): 54-66.</p> <p>Kaur S, Tellez M. Variation in caries risk profiles among children 0-12 years old in selected zip codes in North Philadelphia. J of Dental, Oral and Craniofacial Epidemiology. 2013; 1(1): 9-16.</p> <p>Martignon S, Gomez J, Tellez M, Ruiz JA, Marin L, Rangel MC. Current criteria in cariology teaching in Spanish-speaking Latin American countries. J Den Educ. 2013</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>Oct; 77(10): 1330-7.</p> <p>Tellez M. Do we need to diagnose and treat caries differently? Inside Dentistry 2012; 2.</p> <p>Tellez M, Mejía W, Santamaria RM, Gomez J, Martignon S. Epidemiology of dental fluorosis, dental caries and quality of life factors among Colombian schoolchildren. Community Dental Health. 2012; 29(1): 95-99.</p> <p>Tellez M, Gomez J, Pretty I, Ellwood R, Ismail AI. Evidence on existing caries risk assessment systems: Are they predictive of future caries? Community Dent Oral Epidemiol. 2012; 1-12.</p> <p>Ismail AI, Jedele JM, Lim S, Tellez M. A marketing campaign to promote screening for oral cancer. JADA. 2012; 143(9): e57-e66.</p> <p>Zarta OL, Zuluaga AL, Huertas MC, Lara JS, Quintero I, Tellez M, Usuga M, Martignon S. Penetration of three adhesives in proximal white spot caries lesions: an in-vitro study. Rev Fac Odontol Univ Antioq. 2012; 24(1): 84-</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>95.</p> <p>Tellez M. Response letter to comments on sealants and dental caries: perspectives on evidence-based recommendations. JADA. 2012; 143(3): 210-11.</p> <p>Martignon S, González MC, Tellez M, Guzmán A, Quintero IK, Sáenz V, Martínez M, Mora A, Espinosa LF, Castiblanco GA. Schoolchildren’s tooth brushing characteristics and oral hygiene habits assessed with video-recorded sessions at school and a questionnaire. Acta Odontol Latinoam. 2012; 25(2): 163-70.</p> <p>Tellez M, Gomez J, Kaur S, Pretty I, Ellwood R, Ismail AI. Non-surgical management methods of non-cavitated carious lesions. Community Dent Oral Epidemiol. 2012 Dec 18. [Epub ahead of print].</p>
Sumant Puri	“Role of host iron in C. albicans oral commensal carriage and oropharyngeal Candidiasis.” (10%)		Jephthah S, Henriques J, Cragnell C, Puri S, Edgerton M, Skepö M. Structural characterization of Histatin 5-spermidine conjugates: a combined experimental and theoretical study. J Chem Inf Model. 2017; 57(6): 1330-



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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>1341.</p> <p>Salvatori O, Puri S, Tati S, Edgerton M. Innate immunity and saliva in Candida albicans-mediated oral diseases. J Dent Res. 2016 Apr; 95(4): 365-71.</p> <p>Du H, Puri S, McCall A, Norris H, Russo T, Edgerton M. Human salivary protein Histatin 5 has potent bactericidal activity against ESKAPE pathogens. Front Cell Infect Microbiol. 2017 Feb 15; 7: 41.</p>
<b><i>Department of Periodontology and Oral Implantology</i></b>			
Jasim M. Albandar	None	None	<p>Kissa J, Chemlali S, El Houari B, Amine K, Khilil N, Mikou S, Nadifi S, Albandar JM. Aggressive and chronic periodontitis in a population of Moroccan school students. J Clin Periodontol. 2016; 43(11): 934-939.</p> <p>Gaio EJ, Haas AN, Rösing CK, Oppermann RV, Albandar JM, Susin C. Effect of obesity on periodontal attachment loss progression: a five-year population-based prospective study. J Clin Periodontol. 2016; 43: 557-65.</p> <p>Haas AN, Silva-Boghossian CM, Colombo AP, Albandar JM, Oppermann RV, Rösing CK, Susin C. Predictors of clinical outcomes after</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>periodontal treatment of aggressive periodontitis: 12-month randomized trial. Braz Oral Res. 2016; 30(1): 1-11.</p> <p>Ting M, Whitaker EJ, Albandar JM. Systematic review of the in-vitro effects of statins on oral and perioral micro-organisms. Eur J Oral Sci. 2016; 124(1): 4-10.</p> <p>Susin C, Wagner MC, Haas AN, Oppermann RV, Albandar JM. The association between alcohol consumption and periodontitis in southern Brazilian adults. J Periodontal Res. 2015; 50: 622-628.</p> <p>Bitner DP, Uzelger Feldman D, Axx K, Albandar JM. Description and evaluation of an intraoral cervical plexus anesthetic technique. Clin Anat. 2015; 28(5): 608-613.</p> <p>Haas AN, Gaio EJ, Wagner MC, Rios FS, Costa RSA, Rösing CK, Oppermann RV, Albandar J, Susin C. A population-based cohort study of oral health in South Brazil: The Porto Alegre Study. Rev Bras Epidemiol. 2015 Apr-Jun; 18(2): 515-519.</p> <p>Holtfreter B, Albandar JM, Dietrich T, Dye BA, Eaton</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>KA, Eke PI, Papapanou PN, Kocher T. Standards for reporting chronic periodontitis prevalence and severity in epidemiological studies: proposed standards from the Joint EU/USA Periodontal Epidemiology Working Group. J Clin Periodontol. 2015; 42(5): 407-412.</p> <p>Khocht A, Albandar JM. Aggressive periodontal disease associated with systemic diseases. Periodontology 2000. 2014; 65: 134-48.</p> <p>Susin C, Haas AN, Albandar JM. Epidemiology and demographics of aggressive periodontitis. Periodontology 2000. 2014; 65: 27-45.</p> <p>Haas AN, Wagner MC, Oppermann RV, Rösing CK, Albandar JM, Susin C. Risk factors for the progression of periodontal attachment loss: a five-year population-based study in South Brazil. J Clin Periodontol. 2014 Mar; 41(3): 215-23.</p> <p>Albandar JM. The one-year treatment outcome of generalized chronic periodontitis may be enhanced by the systemic use of metronidazole alone or in</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>combination with amoxicillin as adjuncts to scaling and root planing. J Evid Based Dent Pract. 2013; 13(2): 52-4.</p> <p>Haas AN, Silve-Voghossian CM, Colobo AP, Susin C, Albandar JM, Oppermann RV, Rösing CK. Adjunctive azithromycin in the treatment of aggressive periodontitis: microbiological findings of a 12-month randomized clinical trial. J Den. 2012; 40(7): 556-63.</p> <p>Haas AN, Seleme F, Segatto P, Susin C, Albandar JM, Oppermann RV, Fontanella VR, Rösing CK. Azithromycin as an adjunctive treatment of aggressive periodontitis: radiographic findings of a 12-month randomized clinical trial. Am J Dent. 2012; 25(4): 215-9.</p> <p>Shibly O, Kutkut A, Patel N, Albandar JM. Immediate implants with immediate loading vs. conventional loading: one-year randomized trial. Clinical Implant Dentistry and Related Research. 2012; 14: 663-671.</p> <p>Shibly O, Kutkut A, Albandar JM. One-year re-entry results of GBR around immediately</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>placed implants with immediate or conventional loading: a case series. J Int Acad Periodontal. 2012; 14(3): 62-8.</p> <p>Gaio EJ, Haas AN, Carrard VC, Oppermann RV, Albandar JM, Susin C. Oral health status in elders from South Brazil: a population-based study. Gerodontology. 2012; 29(3): 214-23.</p> <p>Haas AN, Gaio EJ, Oppermann RV, Rösing CK, Albandar JM, Susin C. Pattern and rate of progression of periodontal attachment loss in an urban population of South Brazil: a five-year population-based prospective study. J Clin Periodontal. 2012; 39: 1-9.</p> <p>Albandar JM, Khattab R, Monem F, Barbuto SM, Paster BJ. The subgingival microbiota of Papillon-Lefèvre syndrome. J Periodontal. 2012; 83(7): 902-8.</p> <p>Albandar JM. Treatment of intrabony defects with access fto lap surgery improves the periodontal parameters and yields a modest attachment gain. J Evid Based Dent Pract. 2012 Dec; 12(4): 206-8.</p>
Belinda	Effect of gallium	\$25,000	None

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
Brown-Joseph	aluminum arsenide laser disinfection on human peri-implantitis microbiota (Rams, PI) (2%)	Implant Dentistry Research and Education Foundation.	
Thomas E. Rams	Effect of gallium aluminum arsenide laser disinfection on human peri-implantitis microbiota (2%)	International Congress of Oral Implantologists Implant Dentistry Research and Education Foundation	<p>Rams TE, van Winkelhoff AJ. Introduction to clinical microbiology for the general dentist. <i>Dental Clinics of North America</i>. 2017; 61: 179–197.</p> <p>Rams TE, Loesche WJ. Relationship between periodontal screening and recording index scores and need for periodontal access surgery. <i>Journal of Periodontology</i>. 2017; 88(5).</p> <p>Keyes PH, Rams TE. Dental calculus arrest of dental caries. <i>Journal of Oral Biology</i>. 2016; 3(1): 4.</p> <p>van Winkelhoff AJ, Rurenga P, Wekema-Mulder GJ, Singadji Z, Rams TE. Non-oral gram-negative facultative rods in chronic periodontitis microbiota. <i>Microbial Pathogenesis</i>. 2016; 94: 117-122.</p> <p>Rams TE, Sautter JA, Getreu A, van Winkelhoff AJ. Phenotypic identification of <i>Porphyromonas gingivalis</i> validated with matrix-assisted</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>laser desorption/ionization time-of-flight mass spectrometry. Microbial Pathogenesis. 2016; 94: 112-116.</p> <p>Rams TE, Hawley CE, Whitaker EJ, Degener JE, van Winkelhoff AJ. Centipeda periodontii in human periodontitis. Odontology. 2015; 103: 286-291.</p> <p>Keyes PH, Rams TE. Subgingival microbial and inflammatory cell morphotypes associated with chronic periodontitis progression in treated adults. Journal of the International Academy of Periodontology. 2015; 17: 49-57.</p> <p>Rams TE, Degener JE, van Winkelhoff AJ. Antibiotic resistance in human chronic periodontitis microbiota. Journal of Periodontology. 2014; 85: 160-169.</p> <p>Rams TE, Feik D, Mortensen JE, Degener JE, van Winkelhoff AJ. Antibiotic susceptibility of periodontal Streptococcus constellatus and Streptococcus intermedius clinical isolates. Journal of Periodontology. 2014; 85:</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>1792-1798.</p> <p>Rams TE, Degener JE, van Winkelhoff AJ. Antibiotic resistance in human peri-implantitis microbiota. <i>Clinical Oral Implants Research</i>. 2013; 25: 82-90.</p> <p>Rams TE, Feik D, Mortensen JE, Degener JE, van Winkelhoff AJ. Antibiotic susceptibility of periodontal <i>Enterococcus faecalis</i>. <i>Journal of Periodontology</i>. 2013; 84: 1026-1033.</p> <p>Rams TE, Balkin BE, Roberts TW, Molzan AK. Microbiological aspects of human mandibular subperiosteal dental implants. <i>Journal of Oral Implantology</i>. 2013; 39: 714-722.</p> <p>Rams TE, Degener JE, van Winkelhoff AJ. Prevalence of <math>\beta</math>-lactamase-producing bacteria in human periodontitis. <i>Journal of Periodontal Research</i>. 2013; 48: 493-499.</p> <p>Page LR, Rams TE. Subgingival root brushing in deep human periodontal pockets. <i>Journal of the International Academy of Periodontology</i>. 2013; 15: 55-63.</p>



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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>Khocht A, Yaskell T, Janal M, Turner BF, Rams TE, Haffajee AD, Socransky SS. Subgingival microbiota in adult Down syndrome periodontitis. <i>Journal of Periodontal Research</i>. 2012; 47: 500-507.</p>
<b><i>Department of Restorative Dentistry</i></b>			
Dan Boston	None	None	<p>Boston DW, Jefferies SR. Physical effects of non-cavitated explorer probing on enamel smooth-surface carious lesions. <i>American Journal of Dentistry</i>. 2015; 28(4): 183-9.</p> <p>Jefferies SR, Fuller AE, Boston DW. Preliminary evidence that bioactive cements occlude artificial marginal gaps. <i>Journal of Esthetic and Restorative Dentistry</i>. 2015; 27(3): 155-66.</p> <p>Jefferies SR, Lööf J, Pameijer CH, Boston D, Galbraith C, Hermansson L. Physical properties and comparative strength of a bioactive luting cement. <i>Compendium of Continuing Education in Dentistry</i>. 2014; 34(8): 8-14.</p> <p>Jefferies SR, Pameijer CH, Appleby DC, Boston D, Lööf J. A bioactive dental luting cement – its retentive properties and three-year</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			clinical findings. Compendium of Continuing Education in Dentistry. 2013; 34(1): 2-9.  Jefferies SR, Pameijer CH, Appleby DC, Boston D, Galbraith C, Lööf J, Glantz PO. Prospective observation of a new bioactive luting cement: two-year follow-up. Journal Prosthodontics. 2012; 21(1): 33-41.
Joseph B. Breitman	None	None	Breitman JB, Nakamura S, Freedman A, Yalisove IL. Telescopic retainers: an old or new solution? A second chance to have normal dental function. Journal of Prosthodontics. 2012; 21(1): 79-83.
Amid Ismail	Project ENGAGE  Advanced Education in General Dentistry (AEGD)/MPH Program  Training Community Dental Health Coordinators	\$1.75 million United Healthcare Inc. and UHC Foundation  \$2,172,696 HRSA D88HP20124  \$1,144,188 American Dental Association (ADA)	Myers Virtue S, Pendergast LL, Waldron EM, Tellez M, Ismail AI. Identifying non-cognitive skills that contribute to predoctoral dental student success: dental faculty perspectives. Journal of Dental Education. 2017; 81(3): 300-309.  Volgenant CMC, Zaura E, Brandt BW, Buijs MJ, Tellez M, Malik G, Ismail AI, ten Cate JM, Van der Veen MH. Red fluorescence of dental plaque in children – a cross-sectional study. Journal of Dentistry. 2017 Mar; 58: 40-

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>47.</p> <p>Potter C, Kinner D, Tellez M, Ismail AI, Heimberg R. Single-session computerized cognitive behavioral therapy for dental anxiety: a case series. <i>Clinical Case Studies</i>. 2016; 15(1): 3-17.</p> <p>Potter C, Kinner D, Jensen D, Kaplan S, Waldron L, Tellez M, Myers Virtue S, Heimberg R, Ismail AI. Understanding and treating dental anxiety: Dentists and psychologists join forces at Temple University. <i>Clinical Psychologist</i>. 2016; 69(2): 6-17.</p> <p>Lim S, Tellez M, Ismail AI. Dental caries development among African-American children: results from a four-year longitudinal study. <i>Community Dent Oral Epidemiol</i>. 2015; 43(3): 200-7. Epub: 2014 Dec 2.</p> <p>Ismail AI, Pitts N, Tellez M. The International Caries Classification and Management System (ICCMS™) An Example of a Caries Management Pathway. <i>BMC Oral Health</i>. 2015; 15(1): S9.</p> <p>Ismail AI, Lim S, Tellez M.</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>Tooth surface-level caries progression in the primary dentition among preschool children. Caries Res. 2015; 49: 442-448.</p> <p>Torres LHN, Tellez M, Hilgert JB, Hugo FN, Sousa MLR, Ismail AI. Frailty, frailty components and oral health: a systematic review. Journal of American Geriatric Soc. 2015 Dec; 63(12): 2555-2562.</p> <p>Tellez M, Kinner D, Heimberg R, Lim S, Ismail AI. Prevalence and correlates of dental anxiety in patients seeking dental care. Community Dent Oral Epidemiol. 2015 Apr; 43(2): 135-42.</p> <p>Potter C, Kinner D, Tellez M, Ismail AI, Heimberg R. Clinical implications of panic symptoms in dental phobia. J Anxiety Disord. 2014 Oct; 28(7): 724-30.</p> <p>Ismail AI, Tellez M, et al. Caries Management Pathways CaMP's Report. Community Dent Oral Epidemiol. 2013; 41: e12-e40.</p> <p>Ismail AI. Preface: Caries management pathways (CaMPs). Community Dent</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>Oral Epidemiol. 2013; 41(1): 9-11.</p> <p>Gomez J, Tellez M, Pretty I, Ellwood R, Ismail AI. Non-cavitated carious lesions detection methods: a systematic review. Community Dent Oral Epidemiol. 2013; 41(1): 54-66.</p> <p>Wright JT, Graham F, Hayes C, Ismail AI, Noraian KW, Weyant RJ, Tracy SL, Hanson NB, Frantsve-Hawley J. A systematic review of oral health outcomes produced by dental teams incorporating midlevel providers. J Am Dent Assoc. 2013; 144(1): 75-91.</p> <p>Tellez M, Gomez J, Pretty I, Ellwood R, Ismail AI. Evidence on existing caries risk assessment systems: are they predictive of future caries? Community Dent Oral Epidemiol. 2012; 1-12.</p> <p>Ismail AI, Jedele JM, Lim S, Tellez M. A marketing campaign to promote screening for oral cancer. JADA. 2012; 143(9): e57-e66.</p> <p>Tellez M, Gomez J, Kaur S, Pretty I, Ellwood R, Ismail AI. Non-surgical management methods of non-cavitated</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			carious lesions. Community Dent Oral Epidemiol. 2012 Dec 18. [Epub ahead of print].
Steven R. Jefferies	<p>In-vitro multifaceted evaluation of a novel tooth whitening agent &amp; associated improvements</p> <p>Three-year recall clinical evaluation of a novel luting cement</p>	<p>\$274,400 BASF Future Business America</p> <p>\$102,360 Doxa Dental AB</p>	<p>Ting M, Jefferies SR, Xia W, Engqvist H, Suzuki JB. Classification and effects of implant surface modification on the bone: human cell-based in-vitro studies. Journal of Oral Implantology. 2017; 43(1): 58-83.</p> <p>Jefferies SR. Comparative performance of mineral trioxide aggregate versus calcium hydroxide as a direct pulp capping agent. Journal of Esthetic and Restorative Dentistry. 2016; 28(2): 131-5.</p> <p>Chen S, Öhman C, Jefferies SR, Gray H, Xia W, Engqvist H. Compressive fatigue limit of four types of dental restorative materials. Journal of the Mechanical Behavior of Biomedical Materials. 2016; 61: 283-9.</p> <p>Reitz JV, Swift EJ Jr., Burgess JO, Jefferies SR, Walter R, Latta MA, Atlas AM. A conversation on adhesive dentistry. Pennsylvania Dentistry Journal (Harrisburg). 2016; 83(1): 14-7.</p> <p>Pameijer CH, Garcia-Godoy F,</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>Morrow BR, Jefferies SR. Flexural strength and flexural fatigue properties of resin-modified glass ionomers. <i>Journal of Clinical Dentistry</i>. 2015; 26(1): 23-7.</p> <p>Ting M, Palermo M, Donatelli DP, Gaughan JP, Suzuki JB, Jefferies SR. A meta-analysis on the effect of implant characteristics on the survival of the wide-diameter implant. <i>International Journal of Implant Dentistry</i>. 2015; 1(1): 28.</p> <p>Boston D, Jefferies SR. Physical effects of non-cavitated explorer probing on enamel smooth-surface carious lesions. <i>American Journal of Dentistry</i>. 2015; 28(4): 183-9.</p> <p>Jefferies SR, Fuller AE, Boston D. Preliminary evidence that bioactive cements occlude artificial marginal gaps. <i>Journal of Esthetic and Restorative Dentistry</i>. 2015; 27(3): 155-66.</p> <p>Jefferies SR. Advances in remineralization for early carious lesions: a comprehensive review. <i>Compendium of Continuing Education in Dentistry</i>. 2014;</p>

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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			<p>35(4): 237-43.</p> <p>Jefferies SR. Bioactive and biomimetic restorative materials: a comprehensive review. Part I. Journal of Esthetic and Restorative Dentistry. 2014; 26(1): 14-26.</p> <p>Jefferies SR, Lööf J, Pameijer CH, Boston D, Galbraith C, Hermansson L. Physical properties and comparative strength of a bioactive luting cement. Compendium of Continuing Education in Dentistry. 2014; 34(8): 8-14.</p> <p>Jefferies SR, Pameijer CH, Appleby DC, Boston D, Lööf J. A bioactive dental luting cement – its retentive properties and three-year clinical findings. Compendium of Continuing Education in Dentistry. 2013; 34(1): 2-9.</p> <p>Jefferies SR, Engqvist H, Collins FM. A review of luting agents, properties and bioactivity. Dental Learning. 2013; 2(7); 2-14.</p> <p>Fakhravar B, Khocht A, Jefferies SR, Suzuki JB. Probing and scaling instrumentation on implant abutment surfaces: an in-vitro study. Implant Dentistry. 2012;</p>



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<b>Faculty Member Name</b>	<b>Current Research Projects (% Time on Project)</b>	<b>Funding and Funding Agency</b>	<b>Publications for Past Five Years</b>
			21(4): 311-6.  Jefferies SR, Pameijer CH, Appleby DC, Boston D, Galbraith C, Lööf J, Glantz PO. Prospective observation of a new bioactive luting cement: two-year follow-up. Journal Prosthodontics. 2012; 21(1): 33-41.
John B. Nase	None	None	Nase JB. The electronic dental record – a 20-year odyssey. Dental Economics. 2012; 102(5): 30-32.
Steven I. Present	None	None	Present SI, Check JH. Hypofunction of the sympathetic nervous system as a possible cause of recurrent aphthous stomatitis: two case reports. Compendium of Continuing Education in Dentistry. 2016 Jun; 37(6): 381-385.  Present SI, Levine RA. Techniques to control or avoid cement around implant-retained restorations. Compendium of Continuing Education in Dentistry. 2013 Jun; 34(6): 432-437.
Aaron G. Segal	None	None	Segal A, Yu HW, Elkassaby H. Using a visible light-polymerized resin to fabricate an interim partial removable dental prosthesis. Journal of Prosthodontics. 2016; 00:1-4.