

## CURRICULUM VITAE

David P Cappelli

### **PERSONAL DATA:**

**Date of Preparation:** 05/25/2018

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### **SELF DESCRIPTION:**

David P. Cappelli DMD, MPH, PhD, Professor with Tenure and Chair, Department of Biomedical Sciences at the University of Nevada Las Vegas, School of Dental Medicine, received both his DMD and MPH from the University of Pittsburgh. He was awarded his PhD in epidemiology from the University of Texas Health Science Center-Houston, School of Public Health. Dr. Cappelli completed his residency education in dental public health from the University of Texas Health Science Center at San Antonio (UTHSCSA), Department of Community Dentistry and was awarded Diplomate status by the American Board of Dental Public Health. Dr. Cappelli was formerly Professor with Tenure in the Department of Comprehensive Dentistry, University of Texas Health Science Center at San Antonio School of Dentistry where he served as the Director of the Research Division. While at UTHSCSA, Dr. Cappelli served as Interim Associate Dean for Research, Interim Chair, Department of Community Dentistry and Interim Associate Dean for Student Affairs. He was appointed to the faculty of the UT-Houston Health Science Center School of Public Health and the UTHSCSA School of Biomedical Sciences. Dr. Cappelli developed an extensive career in research, education and service. In 2015, Dr. Cappelli received two awards from the Health Resources and Services Administration (HRSA) totaling \$3.75 million dollars. Through these grants, Dr. Cappelli established the American Institute for Dental Public Health.

Through these grants, he created educational opportunities for dental public health residents across the US and expand the dental public health workforce. In 2011, Dr. Cappelli was awarded \$3.1 million dollars from HRSA for his research. One of these grants, Pre-doctoral Education in Dental Public Health, sought to maintain and improve a comprehensive pre-doctoral dental public health curriculum. He received funding from the National Institutes of Health (NIH) to study oral-systemic linkages using a non-human primate model, including periodontal disease and pre-term birth/low birth weight and periodontal disease and HIV. Dr. Cappelli directed a residency program in dental public health at UTHSCSA that was also funded by HRSA. He co-authored a textbook in 2008, *Prevention in Clinical Oral Health Care*, describing risk-based prevention strategies. He co-directed the course for first year dental students, Foundations of Tooth Development, Oral Health and Disease, and taught in the dental and dental hygiene curriculum. Dr. Cappelli served as a leader in several national and state organizations, including the American Association of Public Health Dentistry (AAPHD), American Public Health Association, American Dental Education

American Association for Dental Research (IADR/AADR). He is currently the Chair of the AAPHD Foundation Board. Dr. Cappelli is a CODA site visitor for the specialty of Dental Public Health. He completed the ADEA Leadership Institute and the LEAD Institute at UTHSCSA. He was awarded the UTHSCSA Presidential Teaching Excellence Award in 2015 and was inducted into the Academy of Master Teachers in 2016. In 2016, Dr. Cappelli was awarded the University of Texas (UT) Regents Outstanding Teaching Award. Dr. Cappelli served as President of AAPHD, and currently as a member of the Advisory Board of the San Antonio Christian Dental Clinic, Board of Directors of the Texas Oral Health Coalition, and founding member of the San Antonio Regional Oral Health Coalition.

**EDUCATION:**

<b><u>Year</u></b>	<b><u>Degree</u></b>	<b><u>Discipline</u></b>	<b><u>Institution/Location</u></b>
2002	PhD	Epidemiology	University of Texas Health Science Center - Houston; School of Public Health, Houston, TX
1999	Certificate in Dental Public Health	Dental Public Health	University of Texas Health Science Center- San Antonio, Community Dentistry, San Antonio, TX
1983	DMD	Dental Medicine	University of Pittsburgh, School of Dental Medicine, Pittsburgh, PA
1976	MPH	Public Health	University of Pittsburgh, School of Public Health, Pittsburgh, PA
1975	BS	Biology	University of Pittsburgh, Pittsburgh, PA

**ACADEMIC APPOINTMENTS:**

04/2018 – Present	Professor and Chair, Department of Biomedical Sciences	University of Nevada-Las Vegas, School of Dental Medicine
09/2016 – 01/2018	Interim Associate Dean for Research and Associate Dean	School of Dentistry, San Antonio, TX
09/2013 – 03/2018	Professor with Tenure and Director	University of Texas Health Science Center at San Antonio, Department of Comprehensive Dentistry, San Antonio, TX
<b><i>Details: Director, Research Division and Director, Dental Public Health Residency Program</i></b>		
08/2010 - 09/2013	Associate Professor with Tenure	Department of Comprehensive Dentistry, UTHSCSA, San Antonio, TX

08/2010 – 03/2018	Director, Research Division	Department of Comprehensive Dentistry, UTHSCSA, San Antonio, TX
11/2009 - 08/2010	Interim Chair	Department of Community Dentistry, UTHSCSA, San Antonio, TX
09/2008 - 11/2009	Interim Associate Dean for Student Affairs	Dental School, UTHSCSA, San Antonio, TX
09/2007 – 03/2018	Adjunct Associate Professor	Graduate School of Biomedical Sciences, UTHSCSA, San Antonio, TX
02/2006 - Present	Adjunct Associate Professor	UT Health Science Center-Houston School of Public Health, Department of Epidemiology, Houston, TX
06/2005 – 03/2018	Dental Public Health Residency Director	Department of Community/Comprehensive Dentistry, UTHSCSA, San Antonio, TX
09/2004 - 08/2010	Associate Professor with Tenure	Department of Community Dentistry, UTHSCSA, San Antonio, TX
09/2000 - 08/2004	Assistant Professor	Department of Community Dentistry, UTHSCSA, San Antonio, TX
08/1991 - 08/2000	Research Assistant Professor	Department of Periodontics, UTHSCSA, San Antonio, TX
08/1990 - 09/2012	Adjunct Clinical Assistant Professor/Adjunct Clinical Associate Professor	Department of Dental Hygiene, UTHSCSA, San Antonio, TX
08/1988 - 07/1991	Research Instructor	Department of Periodontics, UTHSCSA, San Antonio, TX

**NON-ACADEMIC APPOINTMENTS:**

11/1984 - 11/1987	General Dental Officer	Brooks Air Force Base, San Antonio, TX
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**CERTIFICATION AND LICENSURE:**

*Board Certification*

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
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Diplomate - American Board of Dental Public Health	Certified	04/2001	None	12/2021
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***License to Practice***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
Dentistry - Texas State Board of Dental Examiners		09/2004	21988	09/2018

***Recertification***

<u>Description/Agency</u>	<u>Status</u>	<u>Date Acquired</u>	<u>Number</u>	<u>Expiration</u>
CPR/BLS Certification - American Heart Association	Certified	05/2016	None	05/2018
American Board of Dental Public Health	Certified	12/2011	None	12/2021

**HONORS AND AWARDS:**

- 08/2016 UT Regent's Outstanding Teaching Award
- 10/2015 Academy of Master Teachers: Recognizes exceptional teaching contribution to School of Dentistry and UTHSCSA
- 03/2015 UTHSCSA Presidential Teaching Excellence Award
- 04/2013 ASTDD Distinguished Service Award: Association of State and Territorial Dental Directors (ASTDD) recognition of the Dental Public Health Residency Program
- 07/2012 ICD Special Citation Award: International College of Dentists bestowed a Special Citation Award for the article "Recruitment, Development and Retention of Dental Faculty in a Changing Environment" published in the Journal of Dental Education
- 04/2010 Fellow, American Dental Education Association (ADEA) Leadership Institute
- 03/2009 Omicron Kappa Upsilon (OKU): Dental Honor Society, Faculty Member
- 04/2008 Faculty Leadership Award, Faculty Senate: UTHSCSA
- 04/2007 Leadership Education and Development (LEAD) Institute: UTHSCSA
- 01/2005 Who's Who in Dental Sciences Education (WWDSE)
- 05/2004 Sigma Phi Alpha: Sigma Phi Alpha, Dental Hygiene Honor Society, Honorary Inductee
- 08/1986 Nominee: Command Junior Dental Officer of the Year: Brooks AFB Clinic Nominee
- 12/1985 Brooks AFB Company Grade Officer of the Quarter
- 01/1985 Nominee: Command Junior Dental Officer of the Year: Brooks AFB Clinic Nominee

## TEACHING

### **COURSE BASED TEACHING:**

<u>Date</u>	<u>Course Name</u>	<u>Level</u>	<u>Role</u>
07/2017 – 03/2018	Foundations of Tooth Development, Oral Health and Disease	Graduate	Co-Course Director
<i>Preparation Hrs: 80, Student Contact Hrs: 59 ; Provides dental students with foundational knowledge in oral biology, tooth development, cariology and oral health. Students learn growth and development of the dentition and explore abnormalities in tooth development. Students learn the scientific background of epidemiology, microbiology, risk factors, prevention, and treatment of dental caries. Students learn strategies to reduce oral disease risk in patients, including behavioral approaches, impact of nutrition on oral diseases, and risk assessment and risk-based prevention.</i>			
11/2016 - 10/2017	MPH Capstone Project Director: John Roberts	Graduate	Preceptor
<i>Preparation Hrs: 75, Student Contact Hrs: 25 ; Supervised MPH Capstone Project for Dr. John Roberts, "Exposure of Dental Students to Treating Individuals with Intellectual and Developmental Disabilities (IDD) at UTHSCSCA, School of Dentistry".</i>			
09/2014 - 12/2015	COMD8014 Oral Health Care System	Graduate	Course Director
<i>Preparation Hrs: 18, Student Contact Hrs: 6</i>			
01/2014 - 05/2015	COMD6002 Behavioral Dentistry	Graduate	Course Director
<i>Preparation Hrs: 30, Student Contact Hrs: 14 ; The course is now numbered and titled COMD 6048: Patient Centered Oral Health Care: Behavioral, Social, and Cultural Dimensions"</i>			
03/2013 - 05/2016	COMD7031 Ethics	Graduate	Instructor

*Preparation Hrs: 2, Student Contact Hrs: 2 ; The small group discussion for third year dental students are integrated into the Professional Ethics Course. These groups are designed to stimulate discussion about an ethical dilemma, consider ethical judgments, and to confirm or amend one's ethical position. The discussions are based upon student's written assessment of the dilemma using a structured ethical framework. Faculty serve as facilitators of seminars with 10 dental students for the seminar sessions.*

04/2010 - 04/2012      PHWM 2120: Man's Impact on the Environment      Graduate      Lecturer

*Preparation Hrs: 9, Student Contact Hrs: 1 ; Through this course, graduate students at the School of Public Health were introduced to the benefits of community water fluoridation to prevent dental disease.*

01/2008 - 05/2017      COMD 5017: Oral Health Promotion and Disease Prevention for Individuals and Populations      Graduate      Co-Course Director

*Preparation Hrs: 50, Student Contact Hrs: 17 ; Oral Health Promotion and Disease Prevention for Individuals and Populations. Oral diseases influence overall health and well being of individuals and communities in the US and across the world. This course provides the approximate 100 DSI students with the basis and application of evidence-based practices to prevent oral diseases and promote oral health among individuals and patients and groups living in communities. The course is designed for freshmen dental students to address specific domains identified in the Clinical Prevention and Population Health Curriculum Framework. The course describes the development and implementation of a systematic team approach for integrating oral health promotion and oral disease prevention practice into a dental office or dental clinic. The course describes methods to tailor effective methods for oral health promotion and disease prevention to address the unique needs of individuals and communities.*

08/2007 - 05/2010      Head Start Prevention Rotation      Graduate      Course Director

*Preparation Hrs: 25, Student Contact Hrs: 48 ; Supervised approximately 90 second year dental students. Students provided preventive services to children attending Head Start Centers in San Antonio, TX. Development, planned, and implemented an innovative community service-learning experience for sophomore dental students in collaboration with the San Antonio Metropolitan Health District, Department of Dental Hygiene at UTHSCSA, and Head Start Centers across San Antonio and Bexar County.*

08/2007 - 07/2008      Overview: Preventive Dentistry and Risk Based Prevention for International Dental Students      Graduate      Lecturer

*Preparation Hrs: 5, Student Contact Hrs: 2 ; Provided instruction to 10 students enrolled in the International Dental Education Program (IDEP) prior to the start of the DSIII year. The course presented information about risk assessment for oral disease and prevention planning based upon risk assessment for individuals.*

09/2006 – 02/2018      DENH4021 Community Oral Health      Undergraduate      Lecturer

*Preparation Hrs: 5, Student Contact Hrs: 2 ; This course provides the approximately 28 second year dental hygiene students with foundational knowledge in dental public health, specifically oral epidemiology, study design, causal theory, and calculation of risk and validity.*

09/2005 - 05/2010      COMD7050 Preventive Dentistry Clinic      Graduate      Clinical Faculty

*Preparation Hrs: 10, Student Contact Hrs: 120 ; This course provides a systematic process to assess a patient's risk for disease and to generate an individual preventive program tailored to the patient's risk status. Clinical Experience in Preventive Dentistry (COMD 7050) is the practical application of principles that have been presented during the first two years of dental school. The goal is to provide students with an understanding of the importance of the management of individual risk factors to control oral disease and recognize the importance of prevention in individual practice.*

09/2005 - Present      COMD8030 Public Health Dentistry      Post Graduate      Course Director

*Preparation Hrs: 75, Student Contact Hrs: 56 ; Dental Public Health Residency Seminar (COMD 9000: Advanced Studies in Dental Public Health). This course is a literature review and participation course. Residents are expected to review seminal and current literature on a specified topic in dental public health and discuss the literature and science with a member of the graduate faculty.*

07/2005 - 12/2005      COMD5010 Clin Judgement & Evaluation      Graduate      Guest Lecturer

*Developed clinical research questions with student input. The freshman dental students reviewed the literature, and evaluated the literature to answer the question.*

08/2003 - 05/2006 Foundations of Professionalism

*Preparation Hours: 4, Student Contact Hrs: 2. This course for approximately 90 first year dental students informed them about specialty careers in dentistry, including dental public health. The information was provided as a presentation followed by a panel discussion allowing students to ask questions about each specialty area.*

07/2003 - 05/2010 COMD7031 Ethics Graduate Instructor

*Preparation Hrs: 5, Student Contact Hrs: 3 ; The small group discussions for third year dental students are integrated into the Professional Ethics Course. These groups are designed to stimulate discussion about an ethical dilemma, consider ethical judgments, and to confirm or amend one's ethical position. The discussions are based upon student's written assessment of the dilemma using a structured ethical framework. Faculty serve as facilitators of seminars with 10 dental students for three seminar sessions.*

07/2003 - 05/2010 DENH3019 Oral Health Promotion Undergraduate Lecturer  
& Disease Prevention

*Preparation Hrs: 10, Student Contact Hrs: 2 ; This course provides an overview about caries risk and risk based prevention in dental hygiene practice.*

08/2002 - 05/2007 COMD5017 Preventive/Community Graduate Course  
Dentistry Director

*Preparation Hrs: 30, Student Contact Hrs: 18 ; This introductory course provided the DSI student with theoretical and practical concepts of population-based prevention of oral diseases and conditions. This introductory course for approximately 100 first year dental students served as a foundation course in dental public health, oral epidemiology and oral disease prevention and promotion of health in the community.*

01/2002 - 05/2002 Substance Abuse Intervention and Instructor  
Counseling



*Preparation Hrs: 6, Student Contact Hrs: 4 ; This course provided dental students with skills necessary to discuss substance abuse with their patients. Students incorporated evidence-based practice in tobacco cessation counseling techniques. In the small group session, 10-12 students were provided with scenarios and practiced counseling skills with each other. Faculty evaluated and provided individual feedback.*

08/2001 - 05/2008	COMD6048 Caries Risk Management	Graduate	Course Director
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*Preparation Hrs: 30, Student Contact Hrs: 12 ; This course introduced approximately 100 second year dental students to a risk-based approach for the prevention of dental caries and oral cancer. By understanding factors that are identified either as causal or are associated with the risk of oral diseases, dental health care professionals can tailor preventive approaches to better promote the oral health of the individual patient. The course was designed for sophomore dental students to understand the application of preventive strategies during patient care to reduce their risk for future disease.*

09/2000 - 05/2005	COMD7050 Preventive Dentistry Clinic	Graduate	Course Director
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*Preparation Hrs: 90, Student Contact Hrs: 400 ; This course provided approximately 90 junior dental students with a systematic process to assess a patient's risk for disease and to generate an individual preventive program tailored to the patient's risk status. Clinical Experience in Preventive Dentistry (COMD 7050) is the practical application of principles that have been presented during the first two years of dental school. The goal is to provide students with an understanding of the importance of the management of individual risk factors to control oral disease and recognize the importance of integrating evidence-based prevention in individual practice. As the Course Director, responsible for scheduling of faculty in the clinic, developing clinical forms, manuals, and evaluation processes and procedures, calibration of faculty, evaluation of junior dental students, and discussing needed improvements with them. This course is a year long course for approximately 100 third year dental students.*

08/2000 - 05/2002	COMD6018 Preventive & Community Dentistry	Graduate	Course Director
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*Preparation Hrs: 30, Student Contact Hrs: 18 ; This introductory course provided approximately 90 second year dental students with theoretical and practical concepts of population-based prevention of oral diseases and conditions. This course served as a foundation course in dental public health, oral epidemiology and oral disease prevention and promotion of health in the community.*

07/1999 - 05/2003    INTD5021 Dental Biomed Core II    Post Graduate    Lecturer

*Preparation Hrs: 6, Student Contact Hrs: 2 ; Oral Infections Section: Provided instruction in a seminar setting to approximately 40 post-graduate dental students about the linkages between periodontal infection and systemic outcomes, including diabetes. Described tools and techniques to measure the changes to the host response related to periodontal disease initiation and progression. Graduate students from several dental departments, including Periodontics, Prosthodontics, and Endodontics, were enrolled in this course. This is the Core Biomedical Course for post-graduate students in Dental School.*

09/1998 - 05/2007    COMD6022 Preventive Dentistry II    Graduate    Instructor

*Preparation Hrs: 8, Student Contact Hrs: 12 ; Sealant Pre-Clinical Laboratory and Clinic. This laboratory and clinical course provided freshmen and sophomore dental students with the skills necessary to place dental sealants. Techniques for sealant placement are provided in the laboratory portion and students are able to place dental sealants on children during Sealant Days under faculty supervision. Supervised 10-12 students in both pre-clinical laboratory and clinic.*

08/1998 - 05/2000    COMD6022 Preventive Dentistry II    Graduate    Instructor

*Preparation Hrs: 20, Student Contact Hrs: 80 ; DSII Clinic. Dental students evaluate a patient's risk for oral diseases and develop a preventive plan to mitigate the risk factors for future oral diseases. Students are provided instruction on collection of information (health/dental history and diet history) as well as the collection of laboratory (saliva) samples to assess risk.*

07/1998 - 05/2001    COMD7031 Ethics    Graduate    Instructor

*Preparation Hrs: 5, Student Contact Hrs: 3 ; The small group discussions for third year dental students are integrated into the Professional Ethics Course. These groups are designed to stimulate discussion about an ethical dilemma, consider ethical judgments, and to confirm or amend one's ethical position. The discussions are based upon student's written assessment of the dilemma using a structured ethical framework. Faculty serve as facilitators of seminars with 10 dental students for three seminar sessions.*

01/1998 - 05/2000      COMD5019 Preventive Methodology      Graduate      Instructor

*Preparation Hrs: 15, Student Contact Hrs: 48 ; This course served as an introduction to the clinic. Students learned proper infection control technique (universal precautions), caries identification, and providing appropriate oral hygiene instruction to patients.*

09/1991 - 12/1994      PERI9097 Research      Graduate      Lecturer

*Preparation Hrs: 4, Student Contact Hrs: 1 ; New Technologies Course: Gingival Crevicular Fluid Collection and Use as a Diagnostic Fluid. Provided lecture in seminar format to graduate residents in the Department of Periodontics.*

08/1990 - 05/2008      DENH4017 Community Oral Health Practicum      Undergraduate      Instructor

*Preparation Hrs: 4, Student Contact Hrs: 40 ; Clinical Rotation at the Willows Developmental Center (formerly Cresthaven Developmental Center) to care for mentally/multiply disabled children and adults. Provided faculty coverage through this community service-learning experience by teaching second year dental hygiene students best practices in caring for patients with special health care needs in weekly four hour clinical sessions using the mobile dental van or portable dental equipment in community based sites during the spring semester.*

**OTHER TEACHING:**

02/2010 - 02/2011      CE Course: Applying Principles of Risk Assessment to Tailor Prevention in the Dental Practice      UTHSCSA

*Feb 27, 2010; Feb 25, 2011. This course, through the UTHSCSA Continuing Education Office at the Dental School, provided dentists and dental hygienists with a framework to assess the patient's risk for oral disease and to develop a preventive plan to reduce the extent and severity of oral diseases.*

10/2005 - 10/2005 CE Course: Save our Smiles: Join the UTHSCSA  
Oral Head Start Initiative

*This course described the processes to measure oral disease in children in Head Start and policies and procedures to address oral health issues with these children and their parents.*

02/2004 - 02/2004 CE Course: Building Partnerships to UTHSCSA  
Improve Oral Health in the Community

*Feb 26-27, 2004. This course explored potential collaborations within the health community to impact oral health at the population level. This National Dental Hygiene Education Summit focuses on community oral health and dental public health integration into the dental hygiene curriculum. The course is a national conference for dental hygiene faculty throughout the US. Continuing education was provided by the Department of Dental Hygiene, School of Allied Health.*

11/2003 - 11/2003 CE Course: The Oral-Rehab Connection UTHSCSA  
OT-DH: Making a Difference

*Nov 14, 2003. Occupational Therapy-Dental Hygiene. This course designed for dental hygienists and occupational therapists outlined potential collaborations in health professions education to improve the oral health of patients and promote interprofessional education. This continuing education course was developed by the Department of Dental Hygiene and Occupational Therapy, School of Allied Health.*

***Masters' Thesis Directed***

<b><u>Date</u></b>	<b><u>Description</u></b>	<b><u>Institution</u></b>	<b><u># Students</u></b>
08/2007 - 05/2008	MPH Thesis Director: Dr. Mary Beth Johnson	UT-Houston School of Public Health, San Antonio Regional Campus	1
	<i>A retrospective comparison of dental treatment under general anesthesia at a university setting and a military setting</i>		
07/2005 - 01/2008	MS Supervised: Ms. Carol Nguyen	UTHSCSA-Allied Health	1

*Ms. Carol Nguyen, Masters Degree Student, Department of Dental Hygiene, School of Allied Health Sciences, UTHSCSA. Mentored study design and data collection for MS thesis, Assessment of a preventive care program for developmentally disabled patients.*

07/2004 - 06/2007 MS Committee: Dr. (Capt.) Daniel Wong UTHSCSA-Dental School 1

*Dr. (Capt) Dan Wong, Air Force Resident, Department of Periodontics, UTHSCSA. Supervised and mentored study design and data collection for MS thesis, "Validation of an Oral Health Self-Report Instrument".*

***Membership on Supervising Committee***

**Date**                      **Description**                      **Institution**                      **# Students**

09/2015 - 05/2017 MS Committee: Haifa Alkhodier UTHSCSA 1  
*Saliva and Oral Health in Attention Deficit Hyperactivity Disorder (ADHD). Pediatric Dentistry Resident.*

07/2015 - 05/2017 MPH Committee: Dr. Yoshita Patel-Hosking UTHSCSA School of Dentistry 1  
*Certificate in Pediatric Dentistry and Masters Degree in Public Health*

07/2012 - 12/2014 MS Committee: Dr. (Maj) Eirleen Y. Hyun UTHSCSA 1

03/2011 - 05/2011 MSCI Committee: Dr. Srihari Jettem UTHSCSA-Graduate School 1  
*Masters of Science Degree in Clinical Investigations, UTHSCSA "Clinical investigation of the ability of tricalcium phosphate mints to remineralize early dental caries lesions"*

01/2011 - 05/2013 MPH Committee: Dr. Laneshia Camp UT-Houston School of Public Health, San Antonio Regional Campus 1

*MPH Thesis. "A program evaluation of Texas Medicaid's First Dental Home Project as implemented by a pediatric dental residency program"*

01/2011 - 05/2013 MSCI Committee: Dr. Marguerita Childress UTHSCSA-Graduate School 1

*Master of Science in Clinical Investigations, UTHSCSA "Evaluation of the Effects of Three Chewing Gum Formulations on Dental Plaque pH"*

- 03/2010 - 08/2010 PhD Committee: Dr. Ahmed Sadek 1  
*Cairo University, PhD Dissertation. "Examining Porphyromonas gingivalis, fimbrial genotypes, and immune response in periodontitis in patients with Down's Syndrome"*
- 08/2007 - 05/2010 PhD Committee: Dr. Christina Murphey UT- Austin, School of Nursing 1  
*Doctoral Dissertation: School of Nursing, University of Texas at Austin "Exploring Oral Health as a Risk Factors for Pregnant Adolescents"*
- 07/2004 - 01/2007 MS Committee: Dr. Jody Harrison UTHSCSA-Dental School 1  
*Dr. Jody Harrison, Department of Periodontics, School of Dentistry, UTHSCSA. Member of MS Committee. "Serum levels of ASARM-peptide and the role of MEPE processing in health and bone-renal mineral-loss".*
- 09/2003 - 08/2004 Member of DPH Residency Committee: UTHSCSA-Dental School 1  
 Dr. Rahma Shah  
*Dr. Rahma Shah, Department of Community Dentistry, UTHSCSA. Member of Dental Public Health Residency Committee. "Prevalence of erosive tooth wear in Southwest San Antonio, TX", "Exploring the relationship between specific salivary components, dental caries and aging".*
- 07/2003 - 11/2005 PhD Committee: Dr. Martina Gallagher UTHSCSA-School of Nursing 1  
*Member of PhD Dissertation Committee. "Child Health Promotion and Health Protection Practices Used by Mothers of Mexican Descent"*
- 07/2003 - 05/2005 MS Committee: Dr. Patrick McDonough UTHSCSA 1  
*Dr. Patrick McDonough, Department of Periodontics, UTHSCSA. Member of MS Committee. "T cell response to Actinobacillus actinomycetemcomitans".*
- 07/2003 - 05/2004 Member of DPH Residency Committee: UTHSCSA-Dental School 1  
 Dr. Joseph Bartoloni

*Dr. Joseph Bartoloni, Department of Community Dentistry, UTHSCSA. Member of Dental Public Health Residency Committee. "Updating the water fluoridation reporting system in Texas", "Measuring the validity of several dental unit waterline test methods and the effectiveness of a continuous and intermittent iodine-based cleaner".*

07/2000 - 05/2001 Member of DPH Residency Committee: UTHSCSA-Dental 1  
Dr. Patricia Skur School

*Dr. Odalis Patricia Skur, Department of Community Dentistry, UTHSCSA. Member of Dental Public Health Residency Committee. "Features of early childhood caries related to prevention and early intervention", "Information received by a US population from the Spanish media during a fluoridation campaign".*

07/1994 - 05/1995 MS Committee: Dr. Annemarie UTHSCSA-Dental 1  
DeBouver School

*Dr. Annemarie DeBouver, Department of Periodontics, UTHSCSA. Member of MS Committee. "Effect of increased protein and fermentable carbohydrate on the subgingival microbiota and periodontal status in the nonhuman primate"*

***Post-Doctoral Student Supervision***

<b><u>Date</u></b>	<b><u>Description</u></b>	<b><u>Institution</u></b>	<b><u># Students</u></b>
09/2017 - Present	DPH Resident Supervised: Rami Saadeh	UTHSCSA	1
07/2017 - Present	DPH Resident Supervised: Scott Howell	UTHSCSA	1
09/2016 - Present	DPH Resident Supervised: Sarah Shoffstall-Cone	UTHSCSA	1
10/2015 - 11/2016	DPH Resident Supervised: Dr. Ogechi Obiakor	UTHSCSA School of Dentistry	1
<i>Dr. Ogechi Obiakor, Dental Public Health Resident: "Assessment of Oral Health Status among Adults Ages 50 and Older in San Antonio, Texas" and "Oral Health Care Knowledge, Comfort and Perceived Barriers to Provision of Routine Oral Health Care for Persons with Developmental Disabilities: A Survey of Caregivers in San Antonio, Texas"</i>			
09/2014 - 08/2016	DPH Resident Supervised: Dr. Vy Nguyen	UTHSCSA School of Dentistry	1





- 09/2009 - 10/2010 DPH Resident Supervised: Dr. Carolina Diaz de Guillory UTHSCSA, School of Dentistry 1  
*Dr. Carolina Diaz de Guillory, Department of Community Dentistry, UTHSCSA. "Relationship between salivary flow rates and dental caries" and "The influence of acculturation on managing oral health problems among Hispanics in South Texas"*
- 09/2009 - 08/2010 DPH Resident Supervised: Dr. Marguerite Laccabue UTHSCSA, School of Dentistry 1  
*Dr. Marguerite Laccabue, Department of Community Dentistry, UTHSCSA. "Dental caries among children attending Head Start Centers in San Antonio, TX" and "Asthma and its effects on dental caries in the mixed dentition of US children"*
- 09/2008 - 05/2010 DPH Resident Supervised: Dr. Adebola Adedeji UTHSCSA, School of Dentistry 1  
*Dr. Adebola Adedeji, Department of Community Dentistry, UTHSCSA. "Comparison of the oral health of adults with and without major depression in the US" and "Does insurance status influence the level of untreated caries in children residing in Zapata County, Texas?"*
- 09/2007 - 05/2010 DPH Resident Supervised: Dr. Joseph Hosek UTHSCSA, School of Dentistry 1  
*Dr. Joseph Hosek, Department of Community Dentistry, UTHSCSA. "Effectiveness of a school-based oral health prevention program on the Tohono Oodham Reservation" and "Relationship between community water fluoridation and the need for hospital base dental services among Alaska Native children"*
- 09/2007 - 08/2008 DPH Resident Supervised: Dr. Anthony Osei UTHSCSA, School of Dentistry 1  
*Dr. Anthony Osei, Department of Community Dentistry, UTHSCSA. "Oral health assessment of need in elders living in Laredo, TX" and "Effect of oral infection on success of solid organ transplantation"*
- 07/2007 - 06/2010 MS Committee: Dr. Pilar Valderrama UTHSCSA 1  
*Dr. Pilar Valderrama, Department of Periodontics, Dental School, UTHSCSA. Faculty Mentor. "Validation of the Spanish translation of the Oral Health Self-Report"*
- 09/2006 - 05/2009 DPH Resident Supervised: Dr. Vidal Balderas UTHSCSA 1  
*Supervised Dr. Vidal Balderas on two projects, "Evaluation of an oral health promotora curriculum" and "Prevalence of oral Kaposi sarcoma in HIV patients"*

06/2005 - 10/2006	DPH Resident Supervised: Dr. Suman Challa	UTHSCSA	1
	<i>Supervised Dr. Suman Challa in the completion of his DPH residency projects, "Oral health in nursing homes: Analysis of national data" and "Feasibility report on patient supply for advanced education in Laredo, TX".</i>		
09/2003 - 05/2007	DPH Resident Supervised: Dr. Moshtagh Farokhi	UTHSCSA	1
	<i>Dr. Moshtagh Farokhi, Department of Community Dentistry, UTHSCSA. Project: "Influence of acculturation on measures of oral health and evaluation of nutrition/oral health survey instrument reliability", "Identification of issues and solutions for a collaborative oral health plan in Texas".</i>		
07/1994 - 05/1997	MS Committee: Dr. (Maj) Alan Moritz	UTHSCSA-Dental School	1
	<i>Dr. (Maj) Alan Moritz, Air Force Resident, Department of Periodontics, UTHSCSA. Supervised and mentored study design and data collection for MS thesis</i>		

***Pre-Doctoral Student Supervision***

<b><u>Date</u></b>	<b><u>Description</u></b>	<b><u>Institution</u></b>	<b><u># Students</u></b>
06/2017 - 04/2018	Summer Research Student: William Pender Morrow	UTHSCSA	1
	<i>Abstract and Presentation: Parents Relate Diet to Oral Health in South Texas Children</i>		
01/2017 - 04/2017	CAT Mentor	UTHSCSA	3
	<i>Supervised Penny Wong, Armia Zaki, and Michael Khairallah in the investigation of a Critically Appraised Topic</i>		
06/2016 - 03/2017	Summer Research Student: Chase Van Gorp	UTHSCSA	1
	<i>Abstract and Poster Presentation: Parental Perception and Oral Health Awareness after Preventive Dental Care Provision</i>		
02/2016 - 03/2016	CAT Mentor	UTHSCSA School of Dentistry	2
	<i>Supervised Alyse Davis and Scott Stewart on the investigation of a Critically Appraised Topic.</i>		

05/2015 - 04/2016	Academic Dental Careers Fellowship Program	American Dental Education Association	1
<i>Supervised Mr. Alexander Ling in the completion of his fellowship. Mr. Ling interviewed faculty, conducted research, presented his findings in a poster.</i>			
05/2014 - 08/2014	Supervised Summer Research Project	University of Texas Health Science Center at San Antonio	2
<i>Summer Dental Research Students: Kim Do (Geographic Analysis of the Oral Health Ancillary Workforce in Texas) and Beatriz Fortanelly (Nutrition Education Curriculum in US Schools of Dentistry).</i>			
03/2013 - 05/2013	CAT Mentor	University of Texas Health Science Center at San Antonio	3
<i>Served as a mentor for three second year dental students (Evan Adams, Monique Garcia, Christina Mueller). Students identified a focused research question, conducted a literature review, and analyzed the existing findings for the course, Critically Appraised Topics (CAT).</i>			
01/2013 - 05/2015	MESA Mentor	University of Texas Health Science Center at San Antonio, Dental School	1
<i>Serve as faculty mentor for Mr. Loc Tran, Dental Student, enrolled in the Mechanisms for Enhancing Scholarly Achievement (MESA)</i>			
08/2012 - 05/2014	Appointed Faculty Advisor	UTHSCSA	2
<i>Faculty Advisor for Dental Students: Susan DeKoch, Alexander Ling</i>			
05/2012 - 07/2012	Supervised Summer Research Project	UTHSCSA	1
<i>Summer Dental Research Student: Christina A. Mueller, BS, MPH. "Geographic analysis of the oral health workforce in Texas"</i>			
08/2011 - 05/2013	Appointed Faculty Advisor	UTHSCSA	3
<i>Faculty Advisor for Dental Students: Peyton Cometti, Tessia Lamison, Spenser Wylie</i>			

07/2010 - 05/2012	Appointed Faculty Advisor <i>Faculty Advisor for Dental Students : Diane Banks, Xingkun Li, Dana Matlock, Travis McAllister</i>	UTHSCSA	4
07/2010 - 05/2011	Public Health Practicum: Ms. Christina Mueller  <i>San Antonio Regional Campus. Master Degree in Public Health Candidate: Ms. Christina Mueller. "The changes in salivary composition and rates in patients with type 2 diabetes and tobacco users".</i>	UT Houston, School of Public Health, San Antonio Regional Campus	1
06/2010 - 07/2011	Supervised Summer Research Project <i>Rosie Tran, Dental Student, "Caries prevalence in South Texas children by insurance status"-IADR, San Diego, CA. 2011</i>	UTHSCSA	1
01/2010 - 08/2010	Public Health Practicum: Ms. Elizabeth Ninan  <i>MPH Candidate, UT-School of Public Health "Access to oral care: A systematic review of a continuing public health issue among older adults".</i>	UT-Houston, School of Public Health, San Antonio Regional Campus	1
07/2008 - 05/2010	Appointed Faculty Advisor <i>Faculty Advisor for Dental Students : Sung Kim, Anna Hernandez, Ryan Robbins</i>	UTHSCSA	3
07/2007 - 05/2009	Appointed Faculty Advisor <i>Faculty Advisor for Dental Students: Adepeju Aworinde, Christine Manning, Amber Todora</i>	UTHSCSA	3
07/2006 - 05/2008	Appointed Faculty Advisor <i>Faculty Advisor for Dental Students: Alexandra Barnes, Kelvan Luff, Daniel Sudimak</i>	UTHSCSA	3
07/2006 - 05/2007	Public Health Practicum: Dr. Adriana Vargas	UT-Houston, School of Public Health, San Antonio Regional Campus	1

*Practicum, School of Public Health, UT-Health Science Center-Houston, School of Public Health, San Antonio Regional Campus. "Dental workforce analysis for dental students to practice dentistry".*

05/2006 - 08/2006	Supervised Summer Research Project	UTHSCSA	1
	<i>Supervised Melissa Reed (DSI) in the completion of her summer research project, "2006 Oral health assessment of Bexar County, TX"</i>		
07/2005 - 05/2007	Appointed Faculty Advisor	UTHSCSA	2
	<i>Appointed Faculty Advisor for Dental Students: Jamie Marr, Kimberly Turnbow</i>		
07/2005 - 05/2006	Public Health Practicum: Ms. Diana Garcia-Upright	UT-Houston, School of Public Health, San Antonio Regional Campus	1
	<i>Practicum, School of Public Health. Masters Degree in Public Health Candidate: Ms. Diana Garcia-Upright. "Survey on preventing and reducing risk for oral disease".</i>		
07/2005 - 05/2006	Public Health Practicum: Mr. Stefan Pope	UT-Houston School of Public Health, San Antonio Regional Campus	1
	<i>Practicum, School of Public Health. Masters Degree in Public Health Candidate: Mr. Stefan Pope. "Impact of insurance in access to dental care".</i>		
07/2004 - 05/2006	Appointed Faculty Advisor	UTHSCSA	2
	<i>Appointed Faculty Advisor for Dental Students: Brandt Dotson, Neil Patel</i>		
01/2003 - 05/2003	General Practice Group (GPG) Operative Seminar	UTHSCSA	4
	<i>General Practice Group (GPG) Operative Seminar Resource Faculty for Robert Williamson, James Spencer. Topic: New Prevention: Caries Vaccine and S. mutans Replacement Therapy. Provided assistance in research and development of presentation to students and faculty. General Practice Group (GPG) Operative Seminar Resource Faculty for Renee Mikulec, Jonathan McDonald. Topic: Remineralization: The Evidence. Provided assistance in research and development of presentation to students and faculty.</i>		
07/2002 - 05/2004	Appointed Faculty Advisor	UTHSCSA	3
	<i>Appointed Faculty Advisor for Dental Students: Jonathan Anderson, Catherine Arnold, Joshua Austin</i>		

- 05/2002 - 07/2002 Supervised Summer Research Project UTHSCSA 1  
*Mayra Urbieta, Dental Student, Supervised Summer Research Project. Developed research program for student, assisted with data analysis and presentation, mentored creation of poster for presentation at a national dental meeting*
- 07/2000 - 05/2002 Appointed Faculty Advisor UTHSCSA 3  
*Appointed Faculty Advisor for Dental Students: Joseph Creasy, Chad Drennan, Susan Durgapersad*
- 07/1998 - 05/2000 Appointed Faculty Advisor UTHSCSA 2  
*Appointed Faculty Advisor for Dental Students: Jane Gan, Matthew Henehan*

## RESEARCH

### **EXPERTISE:**

**Dental Public Health** - Director, Dental Public Health Residency Program, Epidemiology of Periodontal Disease, Dental Public Health Curriculum Development for dental and dental hygiene educators and dental public health residency programs.

**Oral Health Workforce** – Explaining the relationship between access to care and the density of the dental workforce, including dentists and dental hygienists.

**Oral-Systemic Linkages** - Oral-Systemic Linkages: Periodontitis and Preterm Birth, Type 2 Diabetes and Oral Disease, Impact of Oral Inflammation on SIV/HIV Transmission

### **PROJECTS:**

#### *Curriculum Development*

09/2015- Present American Institute of Dental Public Health (AIDPH), Create the American Institute of Dental Public Health to promote the science and education of the specialty of dental public health with a focused evidence-based symposium and service-learning internships The Institute will house podcasts and a mentoring program housed on iTunes U. ([www.aidph.org](http://www.aidph.org))

#### *Software Development Projects*

- 09/2015- Present Repository of Oral Health Data for Evaluation and Outcomes (ROHDEO), Developing a repository that will centralize aggregate oral health data across the State of Texas. Summary data will be entered from community-based programs that collect Basic Screening Survey data and will be accessible to interested individuals across the state. (<https://rohdeo.uthscsa.edu>)
- 06/2014- Present Dental Public Health Resource Center, Dental public health resources that are publicly available will be included in the centralized website to be referenced by the workforce. ([www.zotero.org/groups/655324/dental\\_public\\_health\\_vrc/items](http://www.zotero.org/groups/655324/dental_public_health_vrc/items))
- 09/2010- Present SmilesMaker Program, SmilesMaker data entry program provides school-based and other community-based oral health programs with the ability to monitor indicators longitudinally and support program evaluation. The user can collect child level data in real time. Approximately 13,000 children have been entered into the system with over 130 data points per child available for analysis.
- 10/2007- 10/2007 EVOLVE Website Content, Developed EVOLVE website content for textbook, Prevention in Clinical Oral Health Care. Elsevier/Mosby Publishing, St. Louis, MO. 2008. Developed website providing additional resources, including a test bank, that is associated with the textbook, Cappelli DP and Mobley CC. Prevention in Clinical Oral Health Care.

### ***Teaching Projects***

- 09/2009- 12/2009 Peer Mentoring Program; GPG1 and GPG4, DSIV students were assigned to mentor DSIII students who were identified by faculty as facing clinical challenges. Faculty identified key issues and worked with DSIV students to mentor and evaluated progress with DSIV and DSIII students.
- 01/2009- 01/2009 Dental Student Focus Group, Planned and organized a focus group of dental students from all four years to identify issues that minority undergraduate students face that impact dental school application and matriculation
- 01/2008- 05/2012 Oral Health Promotion and Disease Prevention Blackboard Site, Developed, with Co-Course Director, Blackboard site for course Oral Health Promotion and Disease Prevention for Individuals and Populations (COMD 5017) to facilitate communication and allow transfer of course materials from faculty to the students.
- 09/2005- 12/2006 DSI and DHII Collaborative Project, Community Oral Health Project: Developed, planned, and implemented intraprofessional component in two integrated courses for dental and dental hygiene students. DSI and DHII students collaborated on a dental public health problem and through small groups described solutions that could be implemented in a community.

- 09/2004- Joint Lectures with DSI and DSII Students, Dr. Cappelli and Ms. Geurink (Dental  
12/2007 Hygiene) provided one joint lecture each to combined classes of dental (DSI) and dental hygiene (DHII) students in the Community and Preventive Dentistry Course (COMD 5017) for intraprofessional education in dental public health.
- 09/2004- Curriculum Development, Developed curriculum to teach Clinical Preventive  
05/2005 Dentistry in the DSIV/General Practice (GPG) Program
- 03/2003- Panel Discussion by Members of the Sjogren's Syndrome Foundation, Prepared and  
03/2008 conducted innovative guest panel series in course for sophomore dental students. Annually, guests from the Sjogren's Syndrome Foundation and Scleroderma support group spoke to approximately 90 DSII students about challenges that they face in receiving dental care and the lack of knowledge dentists have about addressing the needs of patients with autoimmune diseases. Their goal was to educate dental professionals about the unique needs of patients living with these autoimmune diseases.
- 09/2001- Manual for Clinical Preventive Dentistry, Developed course manual for COMD 7050:  
05/2005 Clinical Preventive Dentistry Course.
- 08/2001- Videotape to Teach Patient Counseling Techniques, Created an instructional  
08/2001 videotape to teach patient counseling techniques to second year dental students in the Caries Risk Management Course.
- 01/2001- Manual for Caries Risk Management Course, Developed a course manual for the  
05/2008 Caries Risk Management Course for sophomore dental students.
- 09/2000- Manual for Community and Preventive Dentistry Course, Developed a manual for the  
05/2007 Community and Preventive Dentistry Course.

**PUBLICATIONS:** (*'\*' indicates Peer Reviewed*)

***Abstract***

- \* 1. Morrow W, de la Torre MA, Cothron AE, Cappelli DP. Parents Relate Diet to Oral Health in South Texas Children 2018 Mar. (American Association for Dental Research, Fort Lauderdale, FL).
- \* 2. de la Torre MA, Cothron AE, Ditmyer M, Tapia B, Holt K, Tucker-Lively FL, Cappelli DP. Developing the American Institute of Dental Public Health: Cultivating a Knowledgeable and Competent Dental Public Health Workforce National Oral Health Conference: 2017 Apr. (National Oral Health Conference, Albuquerque, NM).



- \* 3. Van Gorp C, Cothron AE, de la Torre MA, Cappelli DP. Relationship between parental self-report and clinical oral health indicators 2017 Apr. (Dental Science Symposium, UT Health-San Antonio, School of Dentistry).
- \* 4. Cothron AE, Cappelli DP. ROHDEO: How Texas Created the Repository for Oral Health Data for Evaluation and Outcomes 2017 Apr. (National Oral Health Conference, Albuquerque, NM).
- \* 5. Kolodrubetz DJ, Wu Y, Chu L, Cappelli DP. Treponema denticola Gamma-glutamyltransferase isogenic inactivation reduces virulence in murine model 2017 Mar. (American Association for Dental Research, San Francisco, CA).
- \* 6. de la Torre MA, Cothron AE, Cappelli DP. Evaluating the oral health status of children previously enrolled in Head Start along the Texas-Mexico border 2016 Apr. (National Oral Health Conference, Cincinnati, OH).
- \* 7. Cothron AE, de la Torre MA, Dhar S, Cappelli DP. The Dental Public Health Virtual Resource Center: A Pilot Test of Application 2016 Apr. (National Oral Health Conference, Cincinnati, OH).
- \* 8. Ling, Alexander M, de la Torre, Magda A, Hendricson, William, Cappelli, David P.. Student Run Dental Clinic: A Post-Participation Survey of Dental/Dental Hygiene Student Attitudes Toward Treating the Underserved 2016 Mar. (UTHSCSA Dental Science Symposium).
- \* 9. Ling AM, de la Torre MA, Hendricson W, Cappelli DP. Student Run Dental Clinic: A Post-Participation Survey of Dental/Dental Hygiene Student Attitudes Toward Treating the Underserved 2016 Mar. (American Dental Education Association Annual Meeting).
- \* 10. Hendricson W, Luk M, Riccio E, Shwartz E, Ling A, Vu J, Williams E, Parma R, Gureckis K, Cappelli D, de la Torre M, Conner J. Promoting Educational Research by Student-Faculty Teams in Academic Careers Fellowship Program 2016 Mar. (American Dental Education Association Annual Meeting).
- \* 11. Ling, Alexander M, de la Torre, Magda A, Hendricson, William, Cappelli, David P.. Student Run Dental Clinic: A Post-Participation Survey of Dental/Dental Hygiene Student Attitudes Toward Treating the Underserved 2016 Feb. (Conference on Innovation in Health Science Education).
- \* 12. Hendricson W, Luk M, Riccio E, Shwartz E, Ling A, Williams E, Parma R, Gureckis K, Cappelli D, de la Torre M, Conner J. Promoting Educational Research by Student-Faculty Teams in Academic Careers Fellowship Program 2016 Feb. (Innovations in Health Science Education).

- \* 13. Geiermann S, Isman B, Jordan S, Goodman H, Cappelli D. Strategies for Developing Dental Public Health Workforce Capacity in States 2015 Nov. (American Public Health Association Annual Meeting).
- \* 14. Cothron AE, de la Torre MA, Cappelli DP. Making Metrics Count: Collecting, Interpreting, and Utilizing Data in Dental Public Health Programs 2015 Apr. (National Oral Health Conference).
- \* 15. de la Torre MA, Cothron AE, Cappelli DP. A Methodological Approach to Implement and Maintain a School-Based Oral Health Program along the Texas-Mexico Border 2015 Apr. (National Oral Health Conference).
- \* 16. Fortanelly BE, Cappelli DP, Cothron AE, Gross GS. Nutrition Education in United States Schools of Dentistry 2015 Mar. (International Association for Dental Research).
- \* 17. Do KT, Cothron AE, Cappelli DP. Oral Health Workforce in Texas: Distribution and Access to Care 2015 Mar. (International Association for Dental Research).
- 18. de la Torre MA, Cothron AE, Cappelli DP. Barriers to Accessing Care along the Texas-Mexico Border 2014 Nov. (Texas Oral Health Summit).
- \* 19. Cappelli DP, Cothron AE, Steffensen JEM, Diaz de Guillory C, Longoria A, de la Torre MA. Oral Health Status of Children Seen in a School-Based Oral Disease Prevention Program in Laredo, TX 2014 Apr. (National Oral Health Conference, Fort Worth, TX).
- \* 20. de la Torre MA, Cothron AE, Steffensen JEM, Diaz de Guillory C, Longoria A, Cappelli DP. Barriers to Accessing Dental Care along the Texas-Mexico Border 2014 Apr. (National Oral Health Conference, Fort Worth, TX).
- \* 21. Demopoulos CA, Ditmyer MM, Mobley CC, Cappelli DP. Effects of Environmental Tobacco Smoke on the Oral Health of Adolescents Living in Nevada 2013 Apr. (National Oral Health Conference, Huntsville, AL).
- \* 22. Mueller C.A., Steffensen, J.E.M., Cothron, A.E., Cappelli DP. Geographic Analysis of the Oral Health Workforce in Texas 2013. (International Association for Dental Research).
- \* 23. Mueller, C.A., Steffensen, J.E.M., Cothron, A.E., Cappelli DP. Geographic Analysis of the Oral Health Workforce in Texas 2013. (UTHSCSA Dental Science Symposium).

- \* 24. Chu, L., W. Zhao, L.D. Giavedoni, D. Sodora, L. Chen, D. Cappelli. Impact of SIV infection and microbial ecology in the nonhuman primate. Iguacu Falls, Brazil: 2012. (International Association for Dental Research/IADR, Iguacu Falls, Brazil).
- \* 25. Steffensen, J. E.M. and D. Cappelli. Integrating dental public health curriculum: Focusing on community oral health promotion and oral disease prevention. 2012. (National Oral Health Conference, Milwaukee, WI).
- \* 26. Cothron, A.E., J.E.M. Steffensen, D. Cappelli. A Novel electronic data entry tool developed for the Miles of Smiles school-based sealant program in South Texas. 2012. (National Oral Health Conference, Milwaukee, WI).
- \* 27. Cothron, A.E., R. Ongkiko, J.E.M. Steffensen, D. Cappelli. SmilesMaker: A direct data entry solution for school-based dental sealant programs. 2012. (Applied Demography Conference, San Antonio, TX).
- \* 28. Tran, R., D.I. Pineda, J. Lozono-Pineda, J. Schoolfield, D. Cappelli. Caries prevalence in South Texas children by insurance status. 2011. (International Association for Dental Research, San Diego, CA).
- \* 29. Cappelli, D., L. Chu, H.-L. Chen, L. Giavedoni, H. Cole, D.L. Sodora. Assessment of HIV infection and periodontal disease in macaques. 2011. (International Association for Dental Research, San Diego, CA).
- \* 30. Steffensen, J.E.M., J.A. Lalumandier, C. Miller, D. Cappelli. Building a prevention toolbox to integrate public health dentistry strategies into dental and dental hygiene education. 2011. (American Dental Education Association, San Diego, CA).
- \* 31. Challa, S., D. Cappelli, J.M. Bankler, M. Landrum, J.E.M. Steffensen. Head Start and Oral Health: Collaborative community based prevention experience for dental students. 2011. (National Oral Health Conference, Pittsburgh, PA).
- \* 32. Murphey, C. and Cappelli, D. Social connectedness and oral health status in pregnant and parenting adolescent women. 2011. (Society for Adolescent Health and Medicine Annual Meeting, Seattle, WA).
- \* 33. Murphey, C. and Cappelli, D. Exploring social connectedness, oral health status and quality of life in pregnant and parenting adolescent women. 2011. (32nd Annual Meeting of Society of Behavioral Medicine, Washington, DC).

- \* 34. Giavedoni, L.D., V.L. Hodora, D.Cappelli, L.Chu, L. Parodi, L.Smith, V. Sexton, J. Ciorciari, D.L. Sodora. Systemic impact of local mucosal inflammation following oral SIV challenge. 2011. (International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention, Rome, Italy).
- \* 35. Steffen, M., D.Cappelli, S.Holt, J.L.Ebersole. Systemic responses and pregnancy outcomes in baboons with periodontitis. 2010. (American Association for Dental Research, Washington, DC).
- \* 36. Chu, L., W.Zhao, Z.Zhu, J.P.Hatch, J.Rugh, D.Cappelli. Periodontal inflammation from Treponema denticola colonization in a mouse model. 2010. (International Association for Dental Research, Barcelona, Spain).
- \* 37. Chu, L., X. Xu, D. Cappelli, J. Rugh. Treponema denticola conditionally provides environment for Porphyromonas gingivalis aerobic growth. 2009. (International Association for Dental Research/American Association for Dental Research Meeting).
- \* 38. Rupp, Q., Lai, D. Cappelli, J.P.Hatch, J.D.Rugh, L.Chu. The influence of neurohormones on periodontal pathogens. 2008. (American Association for Dental Research/AADR).
- \* 39. Cappelli, D., J.P.Brown, C.C. Mobley. Risk based prevention in clinical oral health care. 2008. (American College of Preventive Medicine, Austin, TX).
- \* 40. Anderson, C., S.Rhim, A.Dreyer, P.McDonough, H.McConnell, D. Cappelli, E.Kraig. Human PBMC cytokine responses to Aggregibacter actinomycetemcomitans. 2008. (American Association for Dental Research, Dallas, TX).
- \* 41. Steffensen, J.E.M., M.Reed, T. Granston, W.D.Spears, D.W.Smith, D. Cappelli. Community assessment of oral health in Bexar County, TX. 2007. (UTHSCSA Dental Science Symposium).
- \* 42. Cappelli, D., S. Holt, L.Chu, K. Lakshmyya, C. McMahan, S. Eddy, J.L. Ebersole. Correlates of periodontitis and negative birthing outcomes: nonhuman primate model. 2007. (International Association for Dental Research).
- \* 43. Wong, D., B. Steffensen, J.E.M. Steffensen, B. Mealey, C. Powell, J. Schoolfield, S.Eddy, D. Cappelli. Measuring the validity of a periodontal health self-report. 2007. (International Association or Dental Research).

- \* 44. Nguyen, C., S.Barbieri, K.V. Geurink, D. Cappelli. Assessment of a preventive care program for developmentally disabled patients. 2007. (National Oral Health Conference).
- \* 45. Brown, J.P., D. Cappelli. Clinical caries prevention in the curriculum framework for health professions. 2007. (American Public Health Association Meeting).
- \* 46. Reed, M., J.E.M. Steffensen, T. Granston, W.D. Spears, D. W. Smith, D. Cappelli. Community assessment of oral health in Bexar County, TX 2007. (International Association for Dental Research).
- \* 47. Wong D., B. Steffensen, J.E.M. Steffensen, B. Mealey, C. Powell, J. Schoolfield, S.Eddy, D. Cappelli. Measuring the validity of a periodontal health self-report 2007. (UTHSCSA Dental Science Symposium).
- \* 48. Nguyen, C., S. Barbieri, K.V. Geurink, D. Cappelli. Assessment of a preventive care program for developmentally disabled patients. 2007. (UTHSCSA Dental Science Symposium).
- \* 49. Steffen, M.J., J. Stevens, D. Cappelli, S. C. Holt, L. Kesavalu L. Chu, J.L. Ebersole. Systemic inflammatory mediator levels in pregnant baboons with ligature-induced periodontitis. 2006. (Journal of Dental Research, AADR, Orlando, FL).
- \* 50. Chu, L., D. Cappelli, C. Chen, J.P. Hatch, J.D. Rugh. Influence of stress on ligature induced dental inflammation in rats. 2006. (American Association for Dental Research/AADR, Orlando, FL).
- \* 51. Cappelli, D., S.C. Holt, L. Chu, J.L. Ebersole. Clinical relationships: Baboon model of periodontitis and preterm birth. 2005. (UTHSCSA Dental Science Symposium).
- \* 52. Cappelli, D., S.C. Holt, L.Chu, J.L. Ebersole. Clinical relationships: Baboon model of periodontitis and preterm birth. 2005. (Journal of Dental Research).
- \* 53. McDonough, P., P. Ezzo, C. Gear, D. Cappelli, E. Kraig. The T-cell response to Actinobacillus actinomycetemcomitans heat shock proteins. 2005. (Journal of Dental Research).
- \* 54. Steffen, M.J., D. Cappelli, S.C. Holt, J.L. Ebersole. Host response characteristics of experimental periodontitis in pregnant baboons. 2005. (Journal of Dental Research).

- \* 55. Cunningham, S.E., D.Cappelli, C.A. Olney, P.M. Diamond, C. C. Mobley. Maternal nutrition and oral health factors in early childhood caries. 2005. (International Association for Dental Research Meeting/IADR, Baltimore, MD).
- \* 56. Chu, L., C. Chen, L.Song, D. Cappelli, J.D. Hatch, J. Rugh. Neurohormones stimulate the growth of periodontal pathogens. 2005. (International Association for Dental Research, Baltimore, MD).
- \* 57. Brown, J.P., D. Cappelli, J.E.M. Steffensen, J. Jones, R. Garcia, K. Novak, M.J. Novak, C. Clark. A dental curriculum framework in prevention and population health common to all health professions: Application to clinical dental prevention and population oral health. 2005. (American Dental Education Association, Baltimore, MD).
- \* 58. Cappelli, D., S. C. Holt, G. Mott, J.L. Ebersole. Lipoprotein Patterns: Relationship to periodontitis in a nonhuman primate model. 2004. (UTHSCSA Dental Science Symposium).
- \* 59. Cappelli, D., S. C. Holt, G. Mott, J.L. Ebersole. Lipoprotein Patterns: Relationship to periodontitis in a nonhuman primate model. 2004. (Journal of Dental Research; vol. 83).
- \* 60. Urbietta, M., D. Cappelli, J.E.M. Steffensen, M. Brackley, W. D. Spears. Oral health in a behavioral risk factor survey of Bexar County. 2003. (Journal of Dental Research, 82:#669; vol. 82).
- \* 61. Ebersole, J.L., D. Cappelli, M. J. Steffen, S. C. Holt, R. E. Singer, T. Filloon. Local immune response effects on the microbiota and periodontitis in the nonhuman primates (Nhp). 2003. (Journal of Dental Research; vol. 82).
- \* 62. Cappelli, D, Muhammad, S, Mobley C, Taylor, G.. Symposium "Diabetesity" and Oral Health Implications 2003. (Journal of Dental Research 82 (Spec Iss A):).
- \* 63. Ebersole, J.L., D. Cappelli, K.S. Kornman, F. Pirk, M. Solis, S. Batt, and R. E. Singer. Host response profiles with treatment of stable and generalized nonresponder patients. 2002. (Journal of Dental Research; vol. 81, no. A291).
- \* 64. Ebersole, J.L., D. Cappelli, S. C. Holt, H. Pickrum, and R. E. Singer. Effects of an H2-Receptor Antagonist on gingivitis and periodontitis in nonhuman primates (Nhp). 2002. (Journal of Dental Research; vol. 81, no. A490).

- \* 65. Cappelli, D., J. L. Ebersole, and J.P. Brown. School-based screening program of adolescents with severe gingivitis. 2001. (Journal of Public Health Dentistry; vol. 61, no. 55).
- \* 66. Cappelli, D., S.C. Holt, R.E. Singer, H. Pickrum, J.P. Brown, and J.L. Ebersole. Markers of the induction and progression of periodontitis in the nonhuman primate. 2000. (Journal of Dental Research; vol. 79, no. 484).
- \* 67. Cappelli, D., S.C. Holt, R.E. Singer, B. Olin and J.L. Ebersole. Parameters for local gingival immunization in non-human primates: Immunological, microbiological and clinical consequences. 1998. (Journal of Dental Research; vol. 77, no. 158).
- \* 68. Ebersole, J.L., S. C. Holt, D. Cappelli, S. E. Cos, R.E. Singer and T. Filloon. Host responses the microbiota, and periodontitis in locally and systemically immunized nonhuman primates. 1997. (Journal of Dental Research; vol. 76, no. 31).
- \* 69. Ebersole, J.L., D. Cappelli, S.C. Holt, S.E. Cox, S. Roach, C. Herrera, P.J. St Clair, R.E. Singer and T. Filloon. Host responses and microbiota in primates with high and low gingival inflammation. 1995. (Journal of Dental Research; vol. 74, no. 205).
- \* 70. Cappelli, D., J.L. Ebersole, S.C. Holt, C. Herrera, P.J. St. Clair, R.E. Singer, H. Pickrum and B. Olin. Peridex® alterations in gingival inflammation and the microbial ecology in the nonhuman primate in the absence of mechanical hygiene. 1995. (Journal of Dental Research; vol. 74, no. 207).
- \* 71. Cappelli, D., M.J. Steffen, and J.L. Ebersole. Clinical/laboratory parameters relating active disease in *A. actinomycetemcomitans* periodontitis. 1993. (Journal of Dental Research; vol. 72, no. 331).
- \* 72. Steffen, M.J., D. Cappelli, J.L. Ebersole. Antigen specificity of serum antibody from *A. actinomycetemcomitans* infected periodontitis patients. 1993. (Journal of Dental Research; vol. 72, no. 243).
- \* 73. Cappelli, D., J.L. Ebersole, S. Cox and M.-N. Sandoval. Relationship of disease progression and *A. actinomycetemcomitans* infection in adult periodontitis patients. 1992. (Journal of Dental Research; vol. 71, no. 122).
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### ***Book Chapter***

- \* 1. Paula Moynihan, David P. Cappelli, Connie Mobley. Oral Consequences of Compromised Nutritional Well-Being In: Riva Touger-Decker, Connie Mobley, Joel B. Epstein. Nutrition and Oral Medicine, Second Edition. New York, New York: Humana Press/Springer; 2014. p. 111 - 128.
- 2. Dounis G and Cappelli D. Biopsychosocial Considerations in Geriatric Dentistry In: Mostofsky, D.. Behavioral Dentistry, 2nd Edition. Boston, MA: Wiley-Blackwell; 2013. p. 293 - 322.
- 3. Cappelli, D., C.C. Mobley. Prevention in Clinical Oral Health Care. In: Prevention in Clinical Oral Health Care. St. Louis, MO: Elsevier Publishing/Mosby Division; 2008.
- 4. Cappelli, D., J. Shulman. Epidemiology/Biology of Periodontal Disease. In: Prevention in Clinical Oral Health Care. St. Louis, MO: Elsevier Publishing/Mosby Division; 2008. p. 14 - 26.
- 5. Shulman, J., D. Cappelli. Epidemiology of Dental Caries. In: Prevention in Clinical Oral Health Care. St. Louis, MO: Elsevier Publishing/Mosby Division; 2008. p. 2 - 13.
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- 7. Cappelli, D., J.E.M. Steffensen, M. Reed, T. Granston. Oral Health. In: 2006 Bexar County Community Health Assessment Final Report. 2007. p. 73 - 82.



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9. Ebersole J.L., S.C. Holt, D. Cappelli and L.Kesavalu. Significance of systemic antibody responses in the diagnostic and mechanistic aspects of progressing periodontitis. In: Periodontal Disease. Pathogens and Host Immune Responses. Japan: Quintessence Publishing Company; 1991. p. 343 - 357.

***Dissertation/Thesis***

1. Cappelli, D. Clinical, microbiological, and immunological markers of gingival and periodontal disease induction and progression. 2002.

***Editorial***

- \* 1. Cappelli DP. Competencies in graduate dental public health education Journal of Public Health Dentistry 2016 Sep;76(S1):S3-S3.
- \* 2. Cappelli DP. Role of AAPHD in the Dissemination of the Public Health Dentistry Competencies and Curriculum for Dental and Dental Hygiene Students Journal of Public Health Dentistry 2015;75(Sup 1):S4-S5.

***Electronic/Web Publication***

- \* 1. Diaz de Guillory, C., Schoolfield, JD., Johnson D., Yeh, C-K., Chen, S., Cappelli DP., Bober-Moken, IG., Dang, H.. Co-Relationships between glandular salivary flow rates and dental caries 2013 Jan. 10 p.

***Journal Article***

- \* 1. Cappelli DP, Mobley CC. Association Between Sugar Intake, Oral Health, and the Impact on Overall Health: Raising Public Awareness Current Oral Health Reports 2017 Sep; 4(3):176-183.
- \* 2. Nguyen VH, Lin SC, Cappelli DP, Nair S. The association between dental, general, and mental health status among underserved and vulnerable populations served at health centers in the US. J Public Health Dent. 2017 Jul. DOI: 10.1111/jphd.12234.
- \* 3. Stewart SC, Cappelli DP. Community water fluoridation at the levels recommended by the US Department of Health and Human Services has not been shown to have an effect on children's neurological development International Journal of Evidence-Based Practice for the Dental Hygienist 2017;3(1):51-51.

- \* 4. Ebersole JL, Holt SC, Cappelli D. Periodontitis in Pregnant Baboons: Systemic Inflammation and Adaptive Immune Response and Pregnancy Outcomes in a Baboon Model Journal of Periodontal Research 2014 Apr;49(2):226-236.
- \* 5. Giavedoni LD, Chen HL, Hodara VL, Chu L, Parodi LM, Smith LM, Cappelli D, Sodora DL. Impact of mucosal inflammation on oral simian immunodeficiency virus transmission Journal of Virology 2013 Feb;87(3):1750-1758.
- \* 6. John, V., M. Papageorge, L. Jahangiri, M. Wheeler, D. Cappelli, R. Frazier, W. Sohn. Recruitment, development, and retention of dental faculty in a changing environment. J Dent Educ 2011;75(1):82-89.
- \* 7. Ditmyer, M.M., G. Dounis, K.M. Howard, C. C. Mobley, D. Cappelli. Validation of a multifactorial risk factor model used for predicting future caries risk with Nevada adolescents. BMC Oral Health 2011;11(18)
- \* 8. Dounis, G., M.A. McClain, D.Cappelli, C.Mobley, M.Ditmyer.. Promote healthy aging: How to effectively address the oral health of older adults. Dimensions of Dental Hygiene 2011;9(8):16-19.
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- \* 10. Ebersole J.L., M. M. Steffen, S. C. Holt, L. Kesavalu, L. Chu, D. Cappelli. Systemic inflammatory responses in progressing periodontitis during pregnancy in a baboon model. Clinical and Experimental Immunology 2010;162:550-559.
- \* 11. Johnson, M.B., D. P. Cappelli, B. S. Bradshaw, J. C. Mabry. Differences in pediatric dental services under general anesthesia for Medicaid and military dependent children. Pediatric Dent 2010;32(4):289-294.
- \* 12. Schlabritz-Loutsevich N.E., A.M Whatmore, C.R. Quance, M.S. Koylass, L. B. Cummins, E. J. Dick, C. L. Snider, D. Cappelli, J. L. Ebersole, P. W. Nathanielsz, G. B. Hubbard. A novel Brucella isolate in association with two reported cases of stillbirth in non-human primates-first report. J Med Primatol 2009;38(1):70-73.
- \* 13. Chu, L., X. Xu, J. Su, L. Song, Y. Lai, Z. Dong, D. Cappelli. Role of *Aggregatibacter actinomycetemcomitans* in glutathione catabolism. Oral Micro Immunol 2009;24(3):236-242.

- \* 14. Cappelli, D., M. Steffen, S. C. Holt, J. L. Ebersole. Periodontitis in pregnancy: clinical and serum antibody observations from a baboon model of ligature-induced disease. J Perodontol 2009;80(7):1154-1165.
- 15. Cappelli, D. "Introduction" In : Diabesity and Oral Health Implications: AADR Symposium. March 15, 2003 Compendium of Continuing Dental Education 2004;25(3):164
- \* 16. Muhammad, S. "Epidemiology of diabetes and obesity in the U.S. " In: Diabesity and Oral Health Implications: AADR Symposium, March 15, 2003. Guest Ed: Cappelli, D. Compendium of Continuing Dental Education 2004;25(3):195-206.
- \* 17. Mobley, C.C. "Lifestyle interventions for diabesity: the state of the science." In: Diabesity and Oral Health Implications: AADR Symposium, March 15, 2003. Guest Ed: Cappelli, D. Compendium of Continuing Dental Education 2004;25(3):207-214.
- \* 18. Taylor, G.W., M.C. Manz, W.C. Borgnakke. "Diabetes and oral health implications: periodontal disease, dental caries and tooth loss: A reivew of the literature." In: Diabesity and Oral Health Implications: AADR Symposium, March 15, 2003. Guest Ed: Cappelli, D. Compendium of Continuing Dental Education 2004;25(3):179-194.
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- \* 20. Cappelli, D., J.P. Brown. Validation of school nurses to identify severe gingivitis in adolescents. Am J Public Health 2002;92(6):946-948.
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- \* 22. Ebersole, J.L., D. Cappelli, E.C. Mathys, M.J. Steffen, M. Montgomery, G. Mott, M.J. Novak. Periodontitis in humans and non-human primates: Oral-systemic linkage inducing acute phase proteins. Annals of Periodontology 2002;7(1):102-111.
- \* 23. Cappelli DP, Mobley CC. Association Between Sugar Intake, Oral Health, and the Impact of Overall Health: Raising Public Awareness Current Oral Health Reports 2001 Feb;4(3):176-183.

- \* 24. Ebersole, J.L., D. Cappelli, S.C. Holt. Periodontal diseases: to protect or not to protect is the question? Acta Odontologica Scandinavica 2001;59:161-166.
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- \* 26. Ebersole, J.L., D. Cappelli, S.C. Holt, R.E. Singer, T. Filloon. Gingival crevicular fluid inflammatory mediators and bacteriology of gingivitis in nonhuman primates related to susceptibility to periodontitis. Oral Microbiology and Immunology 2000;15(1):19-26.
- \* 27. Ebersole, J.L., D. Cappelli, M.J. Steffen. Antigenic specificity of gingival crevicular fluid antibody to *Actinobacillus actinomycetemcomitans*. Journal of Dental Research 2000;79(6):1362-1370.
- \* 28. Ebersole, J.L., S.C. Holt, D. Cappelli, R. E. Singer. IgA antibody responses to periodontal pathogens in nonhuman primates. Oral Disease 1999;5:61-63.
- \* 29. Ebersole, J.L., M.J. Steffen, D. Cappelli. Longitudinal human serum antibody responses to outer membrane antigens of *Actinobacillus actinomycetemcomitans*. Journal of Clinical Periodontology 1999;26:732-741.
- \* 30. Ebersole, J.L., D. Cappelli, G. Mott, L. Kesavalu, R.E. Singer. Systemic manifestations of periodontitis in the nonhuman primate. Journal of Periodontal Research 1999;34(7):358-362.
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- \* 34. Ebersole, J.L., D. Cappelli, M. J. Steffen. Longitudinal dynamics of infection and serum antibody in *A.actinomycetemcomitans* periodontitis. Oral Disease 1995;1:129-138.

- \* 35. Ebersole, J.L., D. Cappelli, M.-N. Sandoval, M.J. Steffen. Antigen specificity of serum antibody in *A. actinomycetemcomitans* infected periodontitis patients. Journal of Dental Research 1995;74:658-666.
- \* 36. Cappelli, D., J.L. Ebersole, K.S. Kornman. Early onset periodontitis in Hispanic-American adolescents associated with *A. actinomycetemcomitans*. Community Dentistry and Oral Epidemiology 1994;22:116-121.
- \* 37. Ebersole, J.L., D. Cappelli. Gingival crevicular fluid antibody to *A. actinomycetemcomitans* in periodontal disease. Oral Microbiology and Immunology 1994;9:335-344.
- \* 38. Ebersole, J.L., D. Cappelli, M.-N. Sandoval. Subgingival distribution of *A. actinomycetemcomitans* in periodontitis. Journal of Clinical Periodontology 1994;21:65-75.
- \* 39. Ebersole, J.L., D. Cappelli, M.J. Steffen. Characteristics and utilization of antibody measurements in clinical studies of periodontal disease. Journal of Periodontology 1992;63:1110-1116.
- \* 40. Ebersole, J.L., M.-N. Sandoval, M.J. Steffen D. Cappelli. Serum antibody in *Actinobacillus actinomycetemcomitans*-infected patients with periodontal disease. Infection and Immunity 1991;59(5):1795-1802.

### ***Other***

1. Cappelli, D., C. J. Braden, M. Gallagher, M.E. Neenan, M. MacDougall, E. Reifsnider, R. Roldan, W.D. Spears, J.E.M. Steffensen. Oral health care disparities research: Report of the Dental School Task Force. UTHSCSA 2005 Jun

### ***Review Article***

- \* 1. Cappelli, D. Article Analysis and Evaluation: " Use of an alcohol-free mouth rinse containing cetylpyridinium chloride may lower risk for the incidence of preterm birth". J. Evid Base Dent Pract 2012:107-109.

### **PRESENTATIONS:**

09/2017 Research as a Component of Professional Development in Academia, Academic Leadership for Residents, American Institute of Dental Public Health, Las Vegas, NV (Sole Presenter)

*Details: Two hour seminar to residents on the value of research in defining an academic career.*

- 06/2017 Using Models to Explore Oral-Systemic Linkages, Grand Rounds, Moi University, Moi University, School of Dentistry, Eldoret, Kenya (Keynote Speaker)  
*Details: Keynote Speaker at the Grand Rounds for Dental Students and Faculty at Moi University, School of Dentistry, Eldoret, Kenya.*
- 04/2017 Applying Community Based Oral Health Research to Evaluate Health Promotion Strategies, Dental Science Symposium, UT Health-San Antonio, School of Dentistry, San Antonio, TX (Keynote Speaker)
- 03/2017 Applying Population Based Oral Health Research to Evaluate Health Promotion Strategies, Dean's Symposium and Student Research Day, University of Nevada-Las Vegas, School of Dental Medicine, Las Vegas, NV (Keynote Speaker)
- 03/2017 Competencies for the 21st Century, National Oral Health Conference, American Board of Dental Public Health, Albuquerque, NM (Keynote Speaker)  
*Details: This session was the plenary presentation sponsored by the American Board of Dental Public Health.*
- 09/2016 Research as a Component of Professional Development in Academia, Academic Leadership for Residents, American Institute of Dental Public Health, San Antonio, TX (Sole Presenter)  
*Details: Two hour seminar to residents on the value of research in defining an academic career.*
- 03/2016 Fluoride Update, USAF Preventive Dentistry Short Course, USAF, San Antonio, TX (Invited Speaker)  
*Details: Provided evidence-based material about community water fluoridation, changes in national policy, professional and personal fluoride products for use in dental practice.*
- 03/2016 Oral Cancer Risk Factors and Tobacco Cessation, USAF Preventive Dentistry Short Course, USAF, San Anotnio, TX (Invited Speaker)  
*Details: Provided evidence-based information about tobacco cessation practice in the dental office, nicotine replacement therapies and pharmacotherapies for tobacco cessation.*
- 02/2016 History of HRSA Grants at UTHSCSA, UTHSCSA Grand Rounds, UTHSCSA, San Antonio, TX (Co-Presenter)

09/2015 AAPHD Perspective on the Anniversary of Water Fluoridation, 70th Anniversary of Community Water Fluoridation, American Association of Public Health Dentistry, American Dental Association, Chicago, IL (Invited Speaker)

*Details: National perspective on the benefits of community water fluoridation in the prevention of dental caries.*

05/2015 Miles of Smiles-Laredo Press Conference, UISD Press Conference, Laredo, TX (Keynote Speaker)

*Details: United Independent School District recognized the Miles of Smiles-Laredo Program at a press conference.*

03/2015 Oral Cancer Risk Factors and Tobacco Cessation, USAF Preventive Dentistry Short Course, San Antonio, TX (Invited Speaker)

03/2015 Caries Risk Management, USAF Preventive Dentistry Short Course, San Antonio, TX (Invited Speaker)

11/2014 Miles of Smiles-Laredo School Based Oral Disease Prevention Program, Texas Oral Health Summit, Texas Oral Health Coalition, Austin, TX (Invited Speaker)

04/2014 Miles of Smiles-Laredo School Based Oral Health Program, National Oral Health Conference, American Association of Community Dental Programs, Fort Worth, TX (Invited Speaker)

04/2014 Head Start: Opportunities for Integration Throughout the Curriculum, American Dental Education Association Annual Meeting, American Dental Education Association, San Antonio, TX (Invited Speaker)

04/2014 Educating the Next Generation Using Experiential Learning: Oral Health Policy/Advocacy, American Dental Education Association, Community and Preventive Dentistry Section, San Antonio, TX (Co-Author)

01/2014 National and State Issues that Impact Oral Health, Meeting of the SA Christian Dental Clinic Board of Directors, Haven for Hope, San Antonio, TX (Invited Speaker)

10/2013 Risk Assessment and Prevention of Oral Disease in the Elderly, Aging Summit, 2013: Conference on Aging, South Texas Geriatric Center, San Antonio, TX (Invited Speaker)

*Details: The South, West, and Central Consortium/South Texas Geriatric Education Center and San Antonio Geriatric Research Education and Clinical Center hosted the*

*2013 Aging Summit (Conference on Aging). The summit is designed to increase one's knowledge in elder care and includes participants from across South Texas.*

10/2013 Oral Health Issues and the Elderly, 2013 Aging Summit, South Texas Geriatric Education Center, San Antonio, TX (Invited Speaker)

03/2012 Dental Public Health and Community Dentistry, American Association for Dental Research, Dental Student Research Group, Lunch and Learn Session, UTHSCSA, San Antonio, TX (Sole Presenter)

04/2011 Texas House of Representatives, Public Health Committee, HB 1248, Provided Expert Testimony  
*Details: Provided Expert Testimony about Medicaid expansion to include School-based Dental Sealants.*

03/2011 Oral Health Promotion: From the Bench to the Community, School of Dental Medicine, University of Pennsylvania, PA (Invited Speaker)

03/2009 Health Professional Day, UTSA, San Antonio, TX (Invited Speaker)

02/2009 Dental Early Admission Program (DEAP), Texas Wesleyan University (Invited Speaker)

02/2009 Health Career Opportunities in Dentistry, University of Texas at Dallas, Dallas, TX (Invited Speaker)

01/2009 Careers in Dentistry, Pre-Health Society, Trinity University (Invited Speaker)

11/2008 Dental School Admissions, UTHSCSA Alumni Association Meeting (Invited Speaker)

04/2008 Healthy People 2020 Hearing, Provided Invited Oral and Written Testimony for National Hearing, Fort Worth, TX

*Details: Provided Invited Oral and Written Testimony.*

03/2008 Oral Health Promotion: From the Bench to the Community, UMDNJ, NJ (Invited Speaker)

07/2007 Disease Prevention Using Risk Based Strategies, Short Course, School of Dental Medicine, University of Nevada-Las Vegas, Las Vegas, NV (Invited Speaker)

*Details: Short Course: 2007-2008*



- 10/2006 Opportunities for Public Health Practica in Dental Public Health, UT Health Science Center-Houston, School of Public Health, San Antonio Regional Campus (Invited Speaker)
- 08/2006 Oral Health Grantee Meeting, Region VI Head Start Oral Health Grantee Meeting, Dallas, TX (Keynote Speaker)  
*Details: Presentation: Evaluation of Oral Health Programs.*
- 06/2006 Orthodontic Resident Seminar, School of Dental Medicine, University of Nevada-Las Vegas, Las Vegas, NV (Invited Speaker)
- 06/2006 Disease Prevention Using Risk Based Strategies, Short Course, School of Dental Medicine, University of Nevada-Las Vegas, Las Vegas, NV (Invited Speaker)  
*Details: Short Course June 12-13 and June 19-20, 2006*
- 10/2005 Opportunities for Public Health Practica in Dental Public Health, UT Health Science Center-Houston, School of Public Health, San Antonio Regional Campus, San Antonio, TX (Panel)
- 09/2005 University-State Collaborations, CDC and State Oral Health Program Stakeholders Workshop, Austin, TX (Invited Speaker)
- 05/2005 Basic Screening Survey Training: Calibration of Texas State Examiners, Oral Health Program, Texas Department of State Health Services, Austin, TX (Sole Presenter)
- 05/2005 Short Course: Disease Prevention Using Risk Based Strategies, School of Dental Medicine, University of Nevada-Las Vegas, Las Vegas, NV (Invited Speaker)  
*Details: Short Course: May 16-17, 23-24, June 6-8, 2005.*
- 02/2005 Development of a State Surveillance Program to Measure Oral Disease, Texas Department of State Health Services, Austin, TX (Invited Speaker)
- 01/2005 Panel Discussion of Book Authors and Presentation, Annual Sales Meeting, Elsevier Health Professions, San Antonio, TX (Invited Speaker)
- 11/2004 The Role of the Dental Professional in Public Health and Community Health Promotion, School of Dental Medicine, University of Nevada-Las Vegas, Las Vegas, NV (Invited Speaker)

- 09/2004 Oral Systemic Linkages and Health Disparities, Interdisciplinary Panel: Health Disparities (Invited Speaker)
- 09/2004 Advocacy, Access, Equity, Texas Oral Health Summit, Texas Oral Health Coalition, Austin, TX (Keynote Speaker)
- 08/2004 Oral Health Promotion: From the Bench to the Community, School of Dentistry, University of Kentucky, Lexington, KY (Invited Speaker)
- 04/2004 Collaborative Oral Health Plans in Texas, Austin Listening Session, Austin, TX (Invited Speaker)
- 03/2004 Oral Health Promotion: From the Bench to the Community, School of Dental Medicine, Case Western Reserve University, Cleveland, OH (Invited Speaker)
- 02/2004 Reducing Oral Health Disparities: Oral Health Promotion and Disease Prevention, Continuing Education Program, Department of Dental Hygiene, School of Allied Health, UTHSCSA, San Antonio, TX (Invited Speaker)
- 02/2004 Essential Elements of Oral Health Program Planning, Dental Hygiene Continuing Education Course, Department of Dental Hygiene, School of Allied Health, UTHSCSA, San Antonio, TX (Invited Speaker)
- 11/2003 Prevention Strategies for the Handicapped Patient, Occupational Therapy-Dental Hygiene Connection: The Oral Rehab Difference, Department of Dental Hygiene, UTHSCSA, San Antonio, TX (Invited Speaker)
- 10/2003 Guidelines for Caries Risk Assessment (CRA) Screening: The Why and How, Continuing Dental Education, Dental School, UTHSCSA, San Antonio, TX (Invited Speaker)
- 03/2003 Diabetes and Oral Health Implications, Symposium, Behavioral Sciences, Nutrition, American Association for Dental Research (AADR), San Antonio, TX (Co-Presenter)  
*Details: Session Organizer.*
- 08/2002 Fluoride Utilization in the Practice of Preventive Dentistry, Department of Periodontics, UTHSCSA, San Antonio, TX (Invited Speaker)
- 03/2002 Curriculum Development in Community Dentistry, Department of General Dentistry, UTHSCSA, San Antonio, TX (Invited Speaker)

11/1999 Clinical, Microbiological, Immunological Markers of the Induction and Progression of Gingivitis and Periodontitis, School of Dentistry, University of Kentucky, Lexington, KY (Invited Speaker)

03/1998 EpiForum Symposium, American Association for Dental Research (AADR), Behavioral Science Group, Minneapolis, MN (Invited Speaker)

## **RESEARCH GRANTS:**

### *Federal*

**Project #:** T12HP28886

**Funding Agency:** Health Resources and Services Administration

**Title:** Grants to States to Support Oral Health Workforce

**Status:** Active

**Period:** 09/2015 - 08/2018

**Role:** Principal Investigator

**% Effort:** 20

**Total Costs:** \$1,499,931.00

**Grant Detail:** The award will expand and evaluate a school-based oral health promotion and disease prevention model that can be used to address access to oral health care for children living along the Texas-Mexico border and across the State of Texas. The grant proposes to replicate and evaluate a statewide school-based oral health promotion program throughout Texas with the development of an educational model for medical pediatric residents and dental hygiene students. A data repository will be planned, implemented, and evaluated as an addition to the Texas Oral Health Surveillance System.

**Project #:** D88HP28510

**Funding Agency:** Health Resources and Services Administration

**Title:** Post Doctoral Training in General, Pediatric, and Public Health Dentistry and Dental Hygiene

**Status:** Active

**Period:** 07/2015 - 06/2020

**Role:** Principal Investigator

**% Effort:** 20

**Total Costs:** \$2,390,189.00

**Grant Detail:** The grant will educate culturally competent dental public health specialists that can address the oral health needs of children and adults and reduce oral health disparities through services to the population that bears a disproportionate share of disease and disability. The award provides educational and service-learning that promote dental public health knowledge and skill to both DPH and AEGD residents with the goal of increasing community preventive services focused on the uninsured and underinsured. The grant proposes to cultivate professionals with advanced education in areas of dental public health science and leadership to advocate for underserved, vulnerable, and minority populations through the creation of the Institute for Dental Public Health.

**Project #:** D86HP24480

**Funding Agency:** HRSA

**Title:** Faculty Development in General, Pediatric, and Public Health Dentistry and Dental Hygiene

**Status:** Active

**Period:** 07/2012 - 06/2017

**Role:** Co-Investigator

**% Effort:** 10

**Total Costs:** \$2,500,000.00

**Grant Detail:** PI: Dr. Jeffrey Hicks. Sustain and strengthen dental public health residency program at UTHSCSA to increase interest in academic dentistry. This grant will seek to enhance the dental public health workforce in academic settings. DPH Residents will develop pedagogical knowledge and skills through curriculum developed in this grant.

**Project #:** D85HP20041

**Funding Agency:** HRSA

**Title:** Predoctoral Training in Dental Public Health

**Status:** Active

**Period:** 09/2010 - 08/2016

**Role:** Principal Investigator

**% Effort:** 20

**Total Costs:** \$1,593,420.00

**Grant Detail:** Maintain and improve a comprehensive pre-doctoral dental public health curriculum that spans four years of dental education and promote an academic climate that leads to a more knowledgeable dental public health workforce. This project will seek to increase dental student diversity and enhance the academic climate that promotes learning in dental public health by creating a concentration track in dental public health and primary care within the curriculum.

**Project #:** T12HP19338

**Funding Agency:** HRSA

**Title:** Texas Oral Health Workforce Grant

**Status:** Active

**Period:** 09/2010 - 08/2013

**Role:** Principal Investigator

**% Effort:** 10

**Total Costs:** \$1,763,604.00

**Grant Detail:** Plan, develop, implement, and evaluate an oral health workforce model that can be used to address access to oral health care for children across the state. The model will utilize public-private partnerships and initially be developed in San Antonio and Laredo, TX. This workforce model will be disseminated to other Texas communities. Oral health workforce in Texas will be assessed and identified in the evaluation.

**Project #:** N3946711GOIPA03

**Funding Agency:** United States Navy

**Title:** Training: Dental Public Health Residency

**Status:** Complete

**Period:** 07/2010 - 06/2011

**Role:** Principal Investigator

**% Effort:** 30

**Total Costs:** \$33,936.00

**Grant Detail:** Support the training of dental public health residents in population health studies conducted by the US Navy.

**Project #:** D13HP30016

**Funding Agency:** HRSA

**Title:** Residency Training in Dental Public Health

**Status:** Complete

**Period:** 09/2009 - 08/2012

**Role:** Principal Investigator

**% Effort:** 30

**Total Costs:** \$266,580.00

**Grant Detail:** Recruit, educate, and evaluate dental public health residents, develop strategies to incorporate distance education into the advanced education program, liaise with the UT-Houston School of Public Health to identify future qualified residents for the program, supervise residents in clinical teaching and assist in the development of research objectives.

**Project #:** R01DE017541

**Funding Agency:** NIH/NIDCR

**Title:** Factors Influencing the Transmission of SIV

**Status:** Complete

**Period:** 05/2007 - 04/2011

**Role:** Co-Investigator

**% Effort:** 10

**Total Costs:** \$140,529.00

**Grant Detail:** PI: Dr. Donald Sodora, Seattle Biomedical Institute. Examine the role of oral inflammation (gingivitis/periodontitis) in the transmission of SIV in macaques as a model for HIV. Examine the impact of immune activation to increase the potential for transmission of SIV via the oral cavity.

**Project #:** R01DE013819

**Funding Agency:** NIH/NIDCR

**Title:** Virulence in *Treponema denticola*

**Status:** Complete

**Period:** 02/2004 - 01/2008

**Role:** Co-Investigator

**% Effort:** 5

**Total Costs:** \$600,000.00

**Grant Detail:** PI: Dr. Lianrui Chu. Assist with coordination and collection of data for human research project. Recruit subjects, identify sites for sample collection, collect plaque samples, coordinate with IRB and Clinical Research Facility at UTHSCSA.

**Project #:** D13HP30016

**Funding Agency:** Department of Health and Human Services

**Title:** Dental Public Health Residency in South Texas and West Texas

**Status:** Complete

**Period:** 07/2003 - 06/2006

**Role:** Co-Investigator

**% Effort:** 15

**Total Costs:** \$302,949.00

**Grant Detail:** PI: Dr. John P. Brown. Recruit, train, and evaluate dental public health residents, develop strategies to incorporate distance education into this training program, liaise with the UT-Houston School of Public Health to identify future qualified residents for this program, supervise residents in clinical teaching and assist in the development of their research objectives.

**Project #:** R01 DE013598

**Funding Agency:** R01 NIH/NIDCR

**Title:** Periodontitis and Preterm Birth: Nonhuman Primate Model

**Status:** Complete

**Period:** 07/2001 - 06/2006

**Role:** Co-Principal Investigator

**% Effort:** 20

**Total Costs:** \$2,979,853.00

**Grant Detail:** Co-PI: Dr. Jeffrey Ebersole. Coordinate multi-site study: Collect clinical and biological samples and place ligatures, organize sample collection schedule and transport of samples to regional sites, supervise management of nonhuman primates, oversee data management and archival of data, maintain supplies and schedule, provide expertise and participate in operations decision-making.

**Project #:** R01 DE12952

**Funding Agency:** R01 NIH/NIDCR

**Title:** The T cell Response to a Periodontal Pathogen

**Status:** Complete

**Period:** 08/1999 - 07/2003

**Role:** Co-Investigator

**% Effort:** 3

**Total Costs:** \$1,314,000.00

**Grant Detail:** PI: Dr. Ellen Kraig. Create protocols/documents for patient sample collection, develop recruitment strategies, instruct resident on venipuncture, sampling strategies, and obtaining consent, credential resident in procedures above.

**Project #:** R01 DE07809

**Funding Agency:** NIH/NIDCR

**Title:** Local and Systemic Antibody to *A. actinomycetemcomitans* in Periodontitis

**Status:** Complete

**Period:** 04/1987 - 03/1991

**Role:** Co-Investigator

**% Effort:** 100

**Total Costs:** \$480,026.00

**Grant Detail:** PI: Dr. Jeffrey Ebersole. Supervised clinical aspects of longitudinal project: Recruited patients for study, obtained consent, screened patients for inclusion, collected samples (plaque, gingival crevicular fluid, blood) and conducted clinical examinations, coordinated sample collection with clinical and laboratory staff, scheduled patients, maintained supply inventory, developed protocols and forms, provided expertise to overall study management.

*Private*

**Project #:** 157417

**Funding Agency:** DentaQuest Foundation

**Title:** Weaving Oral Health Networks to Promote Health Equity

**Status:** Active

**Period:** 11/2014 - 10/2015

**Role:** Principal Investigator

**% Effort:** 1

**Total Costs:** \$286,381.00

**Grant Detail:** The application describes the development of a collaborative relationship between two oral health programs in Texas schools: Project Saving Smiles (PSS), serving Houston ISD, the eighth largest school district in the US, and Miles of Smiles-Laredo (MOS). Three objectives in this application. Objective 1: Improve the oral health status of elementary school children living along the Texas-Mexico border by continuing a model school-based program, Miles of Smiles-Laredo, that utilizes evidence-based strategies and evolutionary technology (SmilesMaker©) to collect and track data. Objective 2: Expand SmilesMaker© to incorporate all of the BSS population surveillance, including preschool and adults. : Evolve the case management network through the “My School” and “My Dentist” portals in SmilesMaker©.

**Project #:**

**Funding Agency:** DentaQuest Foundation

**Title:** SmilesMaker: Evolutionary Metrics for Community Prevention Programs

**Status:** Active

**Period:** 09/2013 - 08/2014

**Role:** Principal Investigator

**% Effort:** 20

**Total Costs:** \$333,768.00

**Grant Detail:** SmilesMaker© is an innovative and versatile oral health measurement system used in the Miles of Smiles-Laredo school-based prevention program, which can be adapted for community-based oral health programs to reliably collect longitudinal data in standardized formats. The SmilesMaker© system utilizing the Basic Screening Survey will be expanded to various platforms including an IOS application, a web-based entry system, a dashboard monitoring tool, and fingerprint tracking technology. This project has oral health policy implications by measuring eruption patterns to consider earlier preventive intervention in school-based programs. Data collected through SmilesMaker© impacts the development of standardized metrics recommended at the local and state levels as it provides opportunities to unify outcome measures in an publically available online resource center. The SmilesMaker© system will be further enhanced to incorporate electronic feedback

mechanisms that efficiently integrate oral health outcomes of children collected through school-based oral health programs to school nurses and electronic records in educational settings as well as establishing the groundwork to link to additional pathways in collaboration with health and social service professionals to increase coordinated care of children. The case management component of the SmilesMaker© system assures identification of oral health needs, assessing and addresses barriers to assessing care, so that successful linkages are made to the oral health system. Miles of Smiles–Laredo provides preventive services based on contemporary evidence and public health principles. The dashboard component of the SmilesMaker© system will allow for real-time monitoring of oral health outcomes and programmatic changes for targeted quality of care improvements and accountability.

**Project #:** 155056

**Funding Agency:** St. David's Foundation

**Title:** Patient Impact and Cost Analysis of the St. David's Foundation Healthy Smiles Program

**Status:** Active

**Period:** 05/2013 - 04/2014

**Role:** Principal Investigator **% Effort:** 3

**Total Costs:** \$45,643.50

**Grant Detail:** The purpose of this paper is to measure outcomes and conduct a cost analysis of the St. David's Foundation Healthy Smiles Mobile Dental Program. The evaluation will assess the oral health status of children enrolled in the program. A longitudinal evaluation at the individual child level will be conducted to measure the impact that access to dental care through the St. David's Foundation (SDF) program.

**Project #:** Non-Profit Org

**Funding Agency:** Bexas County Community Health Collaborative

**Title:** 2006 Community Health Assessment of Bexar County

**Status:** Complete

**Period:** 01/2006 - 09/2006

**Role:** Consultant **% Effort:** 2

**Total Costs:** \$140,358.00

**Grant Detail:** PI: Dr. William Spears, UT-Houston School of Public Health. Analyzed data from oral health questions, assisted with preparation of data for presentation at scientific meeting, prepared report for the Collaborative on oral health findings, mentor dental student, prepare report for distribution to funding agent.

**Project #:** Contract

**Funding Agency:** Elsevier Science Publishing/Mosby

**Title:** Integrating Prevention into Oral Health Practice

**Status:** Complete

**Period:** 12/2004 - 10/2007

**Role:** Principal Investigator **% Effort:** 5



**Total Costs:** \$5,000.00

**Grant Detail:** Textbook development for dental/dental hygiene students that will examine risk-based strategies in formulating and implementing a preventive plan for the dental patient.

**Project #:** Non-profit Org

**Funding Agency:** Bexar County Community Health Collaborative

**Title:** 2002 Community Health Assessment of Bexar County

**Status:** Complete

**Period:** 01/2002 - 09/2002

**Role:** Consultant

**% Effort:** 5

**Total Costs:** \$140,358.00

**Grant Detail:** PI: Dr. William Spears, UT Houston School of Public Health. Analyzed data from oral health questions, assisted with preparation of data for presentation at scientific meeting, prepared report for the Collaborative on oral health findings.

**Project #:** Commercial Grant

**Funding Agency:** Procter and Gamble

**Title:** Experimental Gingivitis and Periodontitis in Nonhuman Primates

**Status:** Complete

**Period:** 07/1994 - 03/2000

**Role:** Co-Investigator

**% Effort:** 100

**Total Costs:** \$1,196,952.00

**Grant Detail:** PI: Dr. Jeffrey Ebersole. Supervised all aspects of research projects associated with long-term contract according to GLP guidelines: Developed research protocols, edited operating procedures, maintained protocols for equipment maintenance and calibration, generated budgets, oversaw maintenance of nonhuman primate colony of 50-60, developed experimental schedules for staff of 12, organized sample collection, inventoried test and placebo drug for experiments, collected biological samples (plaque, gingival crevicular fluid) and assessed extent of oral disease, placed ligatures, supervised document control, purchased and sold experimental animals, communicated progress with sponsor organization, supervised internal and external quality assurance audits, prepared interim and final reports for each study, provided expert opinion on study design and sample collection, analyzed data and prepared scientific presentations and manuscripts.

**Project #:** Commercial Grant

**Funding Agency:** The Procter and Gamble Company

**Title:** Periodontal Disease in Nonhuman Primates

**Status:** Complete

**Period:** 05/1991 - 06/1994

**Role:** Co-Investigator

**% Effort:** 100

**Total Costs:** \$1,054,431.00

**Grant Detail:** PI: Dr. Jeffrey Ebersole. Supervised all aspects of research projects according to GLP guidelines: Developed research protocols, wrote and edited operating procedures and

protocols for equipment maintenance and calibration, generated budgets, oversaw maintenance of nonhuman primate colony of 50-60, developed experimental schedules for staff of 12, organized sample collection, inventoried test and placebo drug for experiments, collected biological samples (plaque, gingival crevicular fluid) and assessed extent of oral disease, placed ligatures, supervised document control, purchased and sold experimental animals, communicated progress with sponsor organization, supervised internal and external quality assurance audits, prepared interim and final reports for each study, provided expert opinion on study design and sample collection, analyzed data and prepared scientific presentations and manuscripts.

**Project #:** Commercial Grant

**Funding Agency:** The Proctor and Gamble Company

**Title:** Host Factor Relationships in Periodontal Regenerative Therapy

**Status:** Complete

**Period:** 10/1990 - 02/1993

**Role:** Co-Investigator

**% Effort:** 15

**Total Costs:** \$54,637.00

**Grant Detail:** PI: Dr. Kenneth Kornman, Dr. Jeffrey Ebersole. Developed protocols for sample collection, trained staff in collection of biologic samples (gingival crevicular fluid, plaque), organized transport of biological samples via courier from sites in Dallas and Houston, provided expert opinion on study design and sample collection, analyzed biological data and organized data for presentation.

### *State*

**Project #:** Consultant

**Funding Agency:** Texas Department of State Health Services, Oral Health

**Title:** Calibration of Screening Dental Examiners for State Oral Health Surveillance Program

**Status:** Complete

**Period:** 06/2005 - 12/2005

**Role:** Consultant

**% Effort:** 5

**Total Costs:** \$4,999.00

**Grant Detail:** Calibrate Dental Screening Examiners. Prepare and present a didactic course that describes the Association of State and Territorial Dental Directors (ASTDD), Basic Screening Survey and screening protocol. Conduct a calibration exercise for dental examiners in the use of the Basic Screening Survey instrument for statewide surveillance program. Provided six hours of classroom training in surveillance theory, public health principles, evidence base for sealant and fluoride varnish placement. Conducted onsite calibration, education session with children to assess examiner validity and reliability.

**Project #:** State 121831

**Funding Agency:** UTHSCSA

**Title:** Development of Dental Professional Educational Programs in Laredo, Texas. Center for South Texas Programs

**Status:** Complete

**Period:** 09/2004 - 08/2006

**Role:** Co-Investigator

**% Effort:** 5

**Total Costs:** \$152,900.00

**Grant Detail:** Plan, educate, and evaluate dental public health residency program in Laredo, TX. Dental public health (DPH) residents provided school-based preventive services to children in elementary schools in Laredo, TX. DPH residents conducted one of their two required research projects in Laredo and reported findings to community leaders and key stakeholders.

## **PATENTS:**

<b><u>Patent Date</u></b>	<b><u>Description</u></b>	<b><u>Patent Category</u></b>
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The SmilesMaker data entry program provides school-based and other community-based oral health programs with the ability to monitor indicators longitudinally and support program evaluation over time. This direct data entry software allows the user to collect child-level information in real time and compare data for an individual child over time. The SmilesMaker system was launched during the 2011/2012 school year after months of collaborative preparation, pilot testing, and modification. To date, approximately 13,000 children have been entered into the system with over 130 data points per child available for analysis. The system has been used fluidly in two locations and has adapted to the unique needs of each geographic area while maintaining standardization of data collection. The team has consulted with UTHSCSA, South Texas Technology Management (STTM) Office about the potential to patent this software, Co-Inventor(s): Annaliese Cothron, Jane E. M. Steffensen

The Repository of Oral Health Data for Evaluation and Outcomes (ROHDEO) is a centralized website that houses oral health data from community-based program across Texas. The data reports Basic Screening Survey data by county and by age group that is searchable across the state. The logo and name are trademarked., Co-Inventor(s): Annaliese Cothron

The American Institute of Dental Public Health (AIDPH) was formed to lead the advancement of dental public health through science and education. AIDPH sponsors three internships; service-learning experiences that include Federal Service Internship, South Texas Environmental Education and Research Program, and the Academic Leadership for Residents Program. AIDPH sponsors an annual colloquium, podcasts, mentorship program, and an online resource center., Co-Inventor(s): Annaliese Cothron, Magda de la Torre

Software

Design

Design

## SERVICE

### ADMINISTRATIVE RESPONSIBILITIES:

<u>Dates</u>	<u>Type</u>	<u>Description</u>	<u>Role</u>
04/2018-Present	Faculty and Staff	Personnel Supervisor	Supervisor

*2018-Present:*

*Supervise 17 full-time faculty and three staff members as Department Chair. Also, supervise technical staff (Annaliese Cothron)*

01/2002-03/2018	Faculty and Staff	Personnel Supervisor	Supervisor
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*2015-2018:*

*Supervise full time program manager (Magda de la Torre), full time biostatistician (Annaliese Cothron), full-time Research Division Coordinator (Elissa Klein), full-time dentist (Dr. Alejandro Lozano), full-time dental assistants (Yolanda Muldrow, Corrine Veliz, Jackie Virgen, Natalie Perez)*

*2013-2015:*

*Supervise full-time technician (Catherine Dang), full time program manager (Magda de la Torre), full-time statistician (Annaliese Cothron), full time dentist (Dr. Sohini Dhar), full-time dental assistants (Yolanda Muldrow, Christina Perez, Jacqueline Virgen, Corrine Veliz)*

*2010-2013:*

*Supervises full-time technician (Catherine Dang), full time program coordinator (Andrea Longoria), full time dentists (Dr. Carolina Diaz de Guillory and Dr. Ayman Bizra), full-time dental assistants (Ms. Lilia Leal and Ms. Iresema Cepeda) and full-time statistician (Annaliese Cothron)*

*2010-Present:*

*Manages 51 full-time and part-time research faculty members and staff members as Director, Division of Research, Department of Comprehensive Dentistry*

*2009-2010:*

*Supervised 7 full-time and 6 part-time faculty and four staff members as Interim Chair, Department of Community Dentistry*

*2004-2008:*

*Supervised full-time technician (Scott Eddy)*

*2002-2004:*

*Supervised full-time technician (Robert Ayala) and part-time data manager (David Stafford)*

01/1984-12/1988	Staff Supervised	Assistant Base Dental Surgeon	Supervisor
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*Supervised two dentists and twelve auxillary personnel in absence of Base Dental Surgeon, Brooks AFB, TX.*

**OTHER SERVICE:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
08/2001-05/2006		Delta Sigma Phi Fraternity, Alumni Board	Board Member

*Served as Scholarship Chair, Vice-Chair of the Board, and Secretary to the Alumni Board of Delta Sigma Phi Fraternity.*

**PATIENT CARE:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
01/1984-12/1988	Outpatient	Dental Service Provider	Attending Dentist

*Examine, diagnose, and treat patients in all aspects of dental care in Air Force Clinic, Brooks AFB, TX.*

**SERVICE TO GOVERNMENT:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
11/2014-11/2017	State Government	Texas Oral Health Coalition	Board of Directors

*Member-at-Large, Board of Directors*

11/2011-09/2012	State Government	Texas Oral Health Coalition	Committee Member
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*Member of the Writing Committee: State Oral Health Plan.*

04/2011-04/2011	State Government	Testimony: HB 1248: Improved Access to Dental Care with School-Based Sealant Programs	Invited Participant
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*Provided testimony to the Texas Legislature, Public Health Committee about the evidence supporting effectiveness of school-based dental sealant programs*

12/2006-12/2009	State Government	Texas Oral Health Coalition: Task Force on Early Intervention	Member
11/2006-11/2011	State Government	Texas Oral Health Coalition	Board Member

*Board Member at Large.*

05/2005-12/2007	State Government	Texas Oral Health Coalition Steering Committee: Surveillance Workgroup	Chair
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*Chair. Assisted State Dental Director with the development of the oral health surveillance plan for the Texas Department of State Health Services, Oral Health Program.*

04/2004-04/2004	State Government	Campaign to Restore CHIP Benefits in Texas	Invited Participant
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*Campaign to Restore the Children's Health Insurance Program (CHIP) in Texas, San Fernando Cathedral Center Terrace, San Antonio, TX.*

01/2004-12/2006	Local Government	Alliance for Community Health in San Antonio and Bexar County	Member
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*Identified factors that should be used to measure the health of people living in Bexar County and methods of evaluation.*

01/1999-12/2000	Local Government	San Antonio Fluoridation Task Force	Member
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01/1999-01/1999	State Government	Children's Health Insurance Program	Speaker
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*Provided Expert Testimony to Program Hearings for the Childrens' Health Insurance Program to Include Expansion of Dental Services.*

**SERVICE TO THE INSTITUTION:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
09/2017-03/2018	University	Institutional Core Committee	Committee Member

*Develop guidelines and reporting requirements for all UT Health-San Antonio core laboratory facilities.*

02/2017-06/2017	School	Search Committee: Associate Dean for Research	Committee Member
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*Member of the Search Committee for the Associate Dean for Research, School of Dentistry*

02/2017-04/2017	University	UTHSCSA Presidential Research Excellence Awards	Committee Member
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*Selection committee for the Presidential Research Excellence Awards. Two awards are presented: New Investigator, Distinguished Research Faculty*

02/2017-03/2018	University	Population Health Strategic Planning Committee	Committee Member
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*Creating strategic objectives for population health initiatives that intersect with all schools within the University*

12/2016-03/2018	School	Strategic Planning - School of Dentistry	Committee Member
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*Developed strategic plan and subsequent action plan for School of Dentistry. Represented research initiative as the Interim Associate Dean for Research*

09/2016-11/2017	University	Research Strategic Advisory Committee (RSAC)	Committee Member
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*Create strategic vision and direction for future of research at UT Health-San Antonio*

09/2016-03/2018	School	Research Committee- School of Dentistry	Chair
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08/2015-11/2015	University	Search Committee: Library Selection Committee	Committee Member
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*Member of the Search Committee for the Director, Library Services, UT Health San Antonio*

08/2015-03/2018	School	Health and Human Disease Workgroup	Member
<i>Develop curriculum for DSI courses</i>			
05/2015-01/2016	University	CTSP/AHEC Search Committee	Committee Member
10/2006-04/2007	University	7th Annual Southern States Knowledge in Nursing Conference	Committee Member
<i>Member of the Planning Committee.</i>			
04/2006-04/2006	School	Dental Science Symposium, UTHSCSA	Judge
<i>Judge of Poster Presentations.</i>			
04/2004-04/2004	School	Dental Science Symposium, UTHSCSA	Judge
<i>Judge and Coordinated Judging for Post-Doctoral Oral Presentations.</i>			
01/2002-03/2018	University	Community Liaison Committee, Department of Dental Hygiene	Advisory Board Member
<i>The committee provides support and promotes collaboration with the Department of Dental Hygiene, UTHSCSA.</i>			
11/2001-04/2002	School	Dental Science Symposium, UTHSCSA	Organizing Committee Member
<i>Symposium Organizer.</i>			
04/2001-04/2006	University	Department of Dental Hygiene: Community Education Presentations	Judge
<i>Judge, Reviewed student presentations of their work in the community.</i>			



08/1999-12/2009	School	UTHSCSA Faculty Interviewer for Dental Student Admissions	Interviewer
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*Serve as faculty interviewer for candidates requesting admission to dental school.*

**SERVICE TO THE PROFESSION:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
05/2018 – 05/2018	National	External Reviewer for Promotion and Tenure: Dr. Thankam Thyvalikakath	Reviewer
05/2018 – Present	National	American Association of Public Health Dentistry, AAPHD Foundation	Chair
04/2017-Present	National	American Association of Public Health Dentistry, Council on Education	Member
04/2015-Present	National	American Association of Public Health Dentistry AAPHD Foundation	Member
04/2016-04/2017	National	American Association of Public Health Dentistry	Past-President
09/2015-Present	National	ADA Public Health Advisory Committee	Advisory Committee Member

*Public Health Advisory Committee of the ADA Council on Access and Prevention,  
(CAAP)*

04/2015-04/2016	National	American Association of Public Health Dentistry	President
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*President of AAPHD, Sponsoring Organization for the specialty of Dental Public Health*

04/2015-04/2016	National	Dental Specialty Group	Representative
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*Dental Public Health Representative to the Dental Specialty Group*

08/2014-10/2014	National	Promotion and Tenure External Reviewer	External Reviewer
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*External reviewer to Professor for Dr. Linda Kaste, University of Illinois - Chicago.*

04/2014-09/2016	National	Dental Public Health Competency Review	Panel Member
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*Reviewed and revised competencies for specialty of dental public health.*

04/2014-04/2015	National	American Association of Public Health Dentistry	President-Elect
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11/2013-11/2014	National	American Public Health Association	Chair
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*John W. Knutson Award Committee: Outstanding Achievement in Dental Public Health.  
Awarded by the Oral Health Section of American Public Health Association.*

05/2013-05/2015	National	National Oral Health Conference Planning Committee	Member
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*Planning the 2014 and 2015 National Oral Health Conference meetings held in Fort Worth,  
TX and Kansas City, MO.*

05/2013-Present	Local	San Antonio Christian Dental Clinic	Advisory Board Member
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04/2013-04/2014	National	American Association of Public Health Dentistry	Vice-President
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04/2013-04/2014	National	American Dental Education Association	Chair
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*Chair, Community and Preventive Dentistry Section, American Dental Education  
Association.*

03/2013-03/2014	National	American Dental Education Association	Chair
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*Chair, Community and Preventive Dentistry Section*

01/2013-Present	National	Association of State and Territorial Dental Directors, Best Practices Subcommittee: Workforce	Committee Member
<i>Develop a best practices report using an evidence-based approach to describe the oral health workforce in the US.</i>			
10/2012-05/2015	Local	AAPHD Student Chapter at UTHSCSA	Faculty Representative
<i>Founded the AAPHD Student Chapter.</i>			
09/2012-06/2017	Local	Omicron Kappa Upsilon (OKU)	Chair
<i>Chair, Scholarship Committee.</i>			
08/2012-04/2014	National	American Association of Public Health Dentistry	Chair
<i>Chair, Policy Committee.</i>			
04/2012-04/2013	National	American Dental Education Association	Chair-Elect
<i>Chair-Elect, Community and Preventive Dentistry Section, American Dental Education Association.</i>			
04/2012-04/2014	National	American Dental Education Association	Council Member
<i>Member, Council of Sections representing the Community and Preventive Dentistry Section of the American Dental Education Association.</i>			
03/2012-04/2015	National	American Association of Public Health Dentistry	Invited Participant
<i>Predoctoral Advisory Committee. Developing national standardized curriculum for predoctoral education in dental public health "Development and implementation of a model curriculum for pre-doctoral dental and dental hygiene students to acquire competency in dental public health".</i>			

02/2012-05/2015	National	American Association of Public Health Dentistry	Advisor
<i>Faculty Advisor and Founding Faculty: UTHSCSA Student Chapter of the American Association of Public Health Dentistry</i>			
08/2011-08/2011	National	Promotion and Tenure External Review	Reviewer
<i>External reviewer to Associate Professor for Dr. Armando Soto Rojas, Indiana University, Dental School.</i>			
04/2011-04/2017	National	American Association of Public Health Dentistry	Executive Council Member
<i>Member of the Executive Council.</i>			
04/2011-08/2012	National	American Association of Public Health Dentistry	Chair
<i>Chair, Education and Science Committee.</i>			
04/2011-04/2011	National	Grantee Meeting: Predoctoral Education in Dental Public Health	Organizing Committee Member
<i>Organized and chaired a meeting of the Health Resources and Services Administration (HRSA) grantees who were awarded grants under the Predoctoral Education in Dental Public Health announcement.</i>			
03/2011-03/2012	National	American Dental Education Association	Secretary
<i>Secretary, Community and Preventive Dentistry Section.</i>			
01/2011-12/2015	National	American Journal of Medical Sciences	Reviewer
<i>Manuscript Reviewer.</i>			
12/2010-12/2013	Local	San Antonio Regional Oral Health Coalition	Organizing Committee Member

*Founder and Member. The San Antonio Regional Oral Health Coalition provides an opportunity to convene stakeholders to address oral health issues in the region.*

11/2010-11/2013	National	American Public Health Association	Member
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*John W. Knutson Award Committee: Outstanding Achievement in Dental Public Health. Awarded by the Oral Health Section of American Public Health Association.*

10/2010-09/2014	Local	Community Liaison Committee, Concorde College, Dental Hygiene Program	Advisory Board Member
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*Provide advice and support to the Dental Hygiene Program at Concorde College, San Antonio, TX.*

10/2010-10/2010	National	Promotion and Tenure External Review	Reviewer
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*External reviewer to Associate Professor for Dr. Hoda Abdellatif, Baylor College of Dentistry.*

05/2010-05/2010	National	Preventive Dentistry Curriculum Review, University of Florida	Reviewer
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*External reviewer of the Preventive Dentistry curriculum for the Department of Community Dentistry and Behavioral Sciences, University of Florida at Gainesville, College of Dentistry.*

03/2010-03/2011	National	American Association for Dental Research (AADR)	Chair
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*Chair, Constitution Committee.*

03/2010-11/2010	National	American Dental Education Association	Committee Member
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*Member, Faculty Advanced Dental Education Association (FADEA) of the American Dental Education Association. The FADEA included invited representatives from each dental specialty to discuss common issues in graduate dental education. Representative for the American Association of Public Health Dentistry for the specialty of Dental Public Health.*

01/2010-Present	State	Texas Dental Journal	Reviewer
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*Review manuscripts for publication.*

01/2010-Present	National	American Dental Association, Commission on Dental Accreditation	Commission Member
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*Site Visitor for the Specialty in Dental Public Health Residency Programs. Commission on Dental Accreditation, American Dental Association.*

10/2009-10/2009	National	Promotion and Tenure External Review	Reviewer
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*External reviewer to Associate Professor for Dr. Steven Crane, Baylor College of Dentistry.*

07/2009-07/2013	National	American Dental Association, Commission on Dental Accreditation	Committee Member
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*Member of the Dental Public Health Review Committee, Commission on Dental Accreditation, American Dental Association.*

03/2009-11/2011	National	American Dental Education Association	Council Member
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*Member. Council of Hospitals and Advanced Education of the American Dental Education Association, representing the American Association of Public Health Dentistry and specialty of Dental Public Health. Delegate to the House of Delegates, American Dental Education Association.*

01/2009-Present	National	American Journal of Public Health	Reviewer
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*Reviewed manuscripts for publication.*

11/2008-11/2010	National	American Public Health Association	Chair
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*Chair, Oral Health Section, Scientific Program Planning Committee.*

05/2008-05/2008	National	Association of Prevention Teaching and Research	Committee Member
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*Provided Testimony as the Dental Representative, Healthy People 2020 Academic Stakeholders Meeting.*

04/2008-04/2013	National	Dental Public Health Residency Directors Annual Meeting	Chair
<i>Program Chair and Organizer of the Dental Public Health Residency Directors Annual Meeting with American Board of Dental Public Health that occurs at the National Oral Health Conference.</i>			
03/2008-03/2011	National	American Association for Dental Research (AADR)	Member
<i>Member, Constitution Committee.</i>			
03/2008-03/2011	National	American Association of Public Health Dentistry	Reviewer
<i>Reviewer, Leverett Graduate Student Award Competition.</i>			
01/2008-Present	National	American Dental Education Association	Reviewer
<i>Abstract Reviewer, Community and Preventive Dentistry Section.</i>			
11/2007-11/2009	National	American Public Health Association	Board Member
<i>Board Member, Section Council, Oral Health Section.</i>			
11/2007-11/2008	National	American Public Health Association	Chair-Elect
<i>Chair Elect, Oral Health Section, Program Planning Committee.</i>			
02/2007-02/2010	National	American Association of Public Health Dentistry	Organizing Committee Member
<i>Member of the Scientific Program Committee for the National Oral Health Conference, the annual meeting sponsored by the American Association of Public Health Dentistry (AAPHD) and the Association of State and Territorial Dental Directors (ASTDD).</i>			
04/2006-04/2006	National	American Association of Public Health Dentistry	Moderator

*Scientific Oral Session Moderator/Chair.*

04/2006-04/2006	Local	Southwest Foundation for Biomedical Research	Presenter
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*Presentation of Scientific Abstract.*

03/2006-03/2011		American Association for Dental Research (AADR)	Counselor
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*Council Member Representing the University of Texas Health Science Center at San Antonio AADR Chapter on American Association for Dental Research (AADR) Governing Council.*

11/2005-11/2007	National	American Public Health Association	Member
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*Member, Oral Health Section Policy Committee.*

05/2005-Present	National	American Public Health Association	Reviewer
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*Abstract Reviewer, Oral Health Section.*

03/2005-03/2008	National	American Association for Dental Research (AADR)	Member
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*Member, Nominating Committee.*

02/2005-Present	National	American Association of Public Health Dentistry	Reviewer
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*Abstract Reviewer for Annual Scientific Sessions.*

01/2005-Present	International	Journal of Clinical Periodontology	Reviewer
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*Review manuscripts submitted for publication.*

04/2004-04/2004	Local	Southwest Foundation for Biomedical Research Journal	Contributor
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*Southwest Foundation for Biomedical Research (SFBR) Journal for Publication to NIH on the Relationship Between Periodontal Disease and Birthing Outcomes.*

02/2004-02/2005	Local	American Association for Dental Research-San Antonio Chapter	Past-President
01/2004-Present	International	Oral Health and Preventive Dentistry, Quintessence Publications	Reviewer

*Review manuscripts submitted for publication.*

01/2004-Present	National	Journal of Public Health Dentistry	Reviewer
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*Review manuscripts submitted for publication.*

01/2004-Present	National	Journal of Dental Education	Reviewer
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*Review manuscripts submitted for publication.*

04/2003-04/2003	National	American Association for Dental Research (AADR)	Chair
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*Organized and chaired meeting of dental students attending the American Association for Dental Research meeting in San Antonio. Guest Speaker: Dr. Sharon Gordon.*

02/2003-02/2004	Local	American Association for Dental Research: San Antonio Chapter	President
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03/2002-03/2003	National	American Association for Dental Research (AADR)	Chair
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*Chair, Local Organizing Committee for Annual Meeting.*

02/2002-02/2003	Local	American Association for Dental Research-San Antonio Chapter	President-Elect
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04/1998-04/1998	National	American Association for Dental Research Meeting (AADR)	Co-Chair
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*Session Co-chair at American Association for Dental Research (AADR) Meeting, Microbiology/Immunology Group.*

04/1997-04/1997	International	International Association for Dental Research Meeting (IADR)	Co-Chair
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*Session Co-Chair, Periodontal Research Group, Microbiology/ Immunology Meeting.*

04/1992-04/1992	National	American Association for Dental Research Meeting (AADR)	Co-Chair
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*1992: Session Co-Chair, Periodontal Research Group, Microbiology/Immunology Meeting.*

**SERVICE TO THE PUBLIC:**

<b><u>Dates</u></b>	<b><u>Type</u></b>	<b><u>Description</u></b>	<b><u>Role</u></b>
10/2017-10/2017	Community	Madonna Center Health Fair	Participant

*Provided oral health information and products to persons living in the West Side of San Antonio*

05/2016-05/2016	Community	Area Health Education Center (AHEC) Health Fair	Participant
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*Provided oral health educational information to local residents in west San Antonio through the Area Health Education Center*

04/2015-04/2015	Community	AAPHD Senior Health Fair	Organizing Committee Member
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*Provided screening and oral health services to elderly individuals living in Northwest San Antonio*

11/2011-11/2012	Community	Friends of the P.I. Nixon Historical Library	Chair
<i>Support the historical collection of medical literature at UTHSCSA.</i>			
11/2010-11/2011	Community	Friends of the P.I. Nixon Historical Library	Chair-Elect
<i>Support the historical collection of medical literature at UTHSCSA.</i>			
01/2010-05/2016t	Community	San Antonio Head Start Health Advisory Committee	Member
11/2008-Present	Community	Friends of the P.I. Nixon Historical Library	Board Member
<i>Support the historical collection of medical literature at UTHSCSA.</i>			
09/2008-01/2011	Community	San Antonio Express- News 'Fluoridation'	Representative
<i>Interviewee for articles about Community Water Fluoridation. Mr. Colin McCondal "Alamo Heights: Touchy Fluoridation Debate Rages On" (Sep, 2008) Mr. Richard Martini "Fluoride Recommendation to Change" (Jan, 2011)</i>			
01/2008-01/2008	Community	Alamo Heights Council Meeting	Invited Participant
<i>Provided expert testimony to City Council considering continuation of community water fluoridation.</i>			
12/2006-12/2006	Patient Care Community	WIC Dental Screening at Laredo Program	Attending Dentist
<i>Dental screening examinations at the Womens, Infants, Childrens Center, Laredo Health Department, Laredo, TX.</i>			
01/2005-12/2007	Community	Bexar County Collaborative Task Force: Indicators of Community Health, 2006	Committee Member

*Identified variables to be included in the Bexar County Community Health Collaborative assessment of health, including oral health.*

01/2002-12/2003	Community	The Fund for International AIDS Research and Education	Board of Directors
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03/2001-03/2001	Community	Career Day Presentation	Guest Speaker
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*Spoke to high school students about Dental Careers. Health Careers High School, Northside Independent School District, San Antonio, TX.*

03/2001-03/2001	Community	Santa Rosa Health Fair	Participant
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*Provided oral health information to persons attending the Santa Rosa Health Fair, Milam Park, San Antonio, TX.*

01/2001-05/2003	Patient Care Community	Willows Developmental Center	Attending Dentist
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*Dental screening examinations provided for mentally disabled residents and supervised dental hygiene students in the provision of care.*

01/2000-01/2000	Community	Alamo Heights Junior High School Science Fair	Judge
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03/1998-04/1998	Patient Care Community	Edgewood Independent School District, San Antonio, TX.	Attending Dentist
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*Dental screening examinations provided for children at Brentwood Middle School (7th Grade) for referral for treatment and follow-up care.*

10/1994-10/1994	Community	Career Day Presentation	Guest Speaker
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*Spoke about Dental Careers to middle school students at Coke Stevenson Middle School, Northside Independent School District, San Antonio, TX.*

08/1994-05/1996	Community	School Advisory Board, Jimmy Elrod Elementary School, Northside Independent School District	Member
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*Member, Advisory Board Member for Jimmy Elrod Elementary School, Northside Independent School District, San Antonio, TX.*

02/1991-02/1991      Community      Career Day Presentation      Presenter

*Jimmy Elrod Elementary School, Northside Independent School District, San Antonio, TX. Spoke to students about oral health during Children's Dental Health Month.*

02/1990-02/1990      Community      Career Day Presentation      Guest Speaker

*Spoke about dental careers to children at JB Passmore Elementary School, Northside Independent School District, San Antonio, TX.*

01/1990-05/1995      Patient Care  
Community      Willows Developmental  
Center      Attending Dentist

*Dental screening examinations provided for mentally disabled residents and supervised dental hygiene students in the provision of care.*

01/1989-05/1989      Patient Care  
Community      Edgewood Independent  
School District, San  
Antonio, TX      Attending Dentist

*Provided dental screenings to children attending two middle schools and two junior high schools in the Edgewood Independent School District, San Antonio, TX.*

**GRANT REVIEWS:**

<b><u>Dates</u></b>	<b><u>Granting Agency</u></b>	<b><u>Panel Name</u></b>	<b><u>Role</u></b>
04/2017- 04/2017	HRSA	Primary Care Medicine and Dentistry Clinician Educator Career Development	External Reviewer
08/2012- 08/2012	UTHSCSA	IIMS/CTSA Pilot Project Application Review	Member
07/2011- 07/2011	Health Resources and Services Administration (HRSA)	Residency Training in Primary Care	Member
07/2011- 07/2011	US Navy	Navy Medical Research Unit-San Antonio	External Reviewer
05/2010- 05/2010	Health Resources and Services Administration (HRSA)	Faculty Loan Repayment	Member
11/2009- 11/2009	National Institute of Occupational Safety and Health (NIOSH)	Small Grant Program	Member

04/2009-04/2009	Health Resources and Services Administration (HRSA)	Grants to States to Support Oral Health Workforce	Member
04/2008-04/2008	Health Resources and Services Administration (HRSA)	Grants to States to Support Oral Health Workforce	Member
02/2004-02/2004	UTHSCSA Co-STAR Summer Student Research	NIDCR Short Term Research Training	Member
02/2003-02/2003	UTHSCSA Co-STAR Student Research Program	NIDCR Short Term Research Training	Member

**PROFESSIONAL AFFILIATIONS:**

**Dates**

**Organization**

02/2010-Present	Association of State and Territorial Dental Directors
<i>Additional Details: Associate Member. Includes all state dental directors and associate members who actively contribute to the science of community oral health.</i>	
01/2010-Present	San Antonio Regional Oral Health Coalition, Founding Member
01/2009-Present	San Antonio District Dental Society
01/2009-Present	Texas Dental Association
01/2009-Present	American Dental Association
01/2005-12/2008	Hispanic Dental Association, San Antonio Chapter
01/2004-Present	Texas Oral Health Coalition
01/2003-Present	American Dental Education Association (ADEA)
01/2000-Present	Friends of the National Institute for Dental and Craniofacial Research
04/1999-Present	American Board of Dental Public Health (ABDPH)
01/1999-Present	San Antonio Chapter, American Association of Dental Research (SA-AADR)
01/1997-Present	American Association of Public Health Dentistry (AAPHD)
01/1997-Present	American Public Health Association (APHA)
01/1990-12/1994	American Association for the Advancement of Science (AAAS)
01/1990-Present	American Association for Dental Research (AADR)
01/1990-Present	International Association for Dental Research (IADR)

**COMMITTEES (UTHSCSA and UNLV Standing Committees):**

***SCHOOL***

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
04/2018-Present	Accreditation (Graduate Programs)	Co-Chair
04/2018-Present	Curriculum Task Force	Member
04/2018-Present	Dean's Executive Committee	Member
04/2018-Present	Research Committee (UNLV-SDM)	Member
09/2016-03/2018	Research Committee (UTHSCSA)	Chair
09/2016-03/2018	Strategic Planning Committee	Member
09/2010-05/2012	Admissions Committee	Member
09/2007-11/2009	Academic Performance Committee	Member
	<i>Member, 2007-2008; Voting member, 2007; Ex-Officio member as Interim Associate Dean for Student Affairs, 2008-2009</i>	
09/2004-08/2006	Research Committee	Member
09/2004-08/2005	Space and Facilities Committee	Member
09/2003-08/2005	Dental School Accreditation Self-Study Committee	Member
	<i>Served on Standard 2 Committee and represented preventive dentistry education during site visit</i>	
09/2003-08/2004	Faculty Council	Officer
	<i>Secretary</i>	
09/2002-08/2005	Admissions Committee	Member
09/2002-08/2004	Research Committee	Member
09/2001-08/2004	Curriculum Management Committee	Member
09/2000-08/2001	Admissions Committee	Chair
	<i>Chair: Subcommittee on Advanced Standing</i>	
09/2000-08/2001	Admissions Committee	Member
	<i>Subcommittee: Committee to Review Minority Recruitment Policy</i>	
09/1998-08/2001	Admissions Committee	Member
09/1998-08/2000	Instrument and Materials Committee	Member

***UNIVERSITY***

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
09/2008-08/2009	Committee on Committees	Past Chair
09/2007-08/2008	Committee on Committees	Chair
09/2006-08/2007	Committee on Committees	Vice-Chair
09/2004-08/2006	Library Committee	Member
09/2004-08/2005 <i>Teller</i>	Committee on Committees	Other
09/2003-08/2004	Library Committee	Chair
09/2001-08/2004	Institutional Biosafety Committee	Member
09/2000-08/2003	Library Committee	Member
09/1997-08/1998	Institutional Animal Care and Use Committee	Alternate
09/1994-08/1997	Institutional Animal Care and Use Committee	Member
09/1993-08/1995	Physical Safety Committee	Member
09/1990-08/1993	Institutional Biosafety Committee	Member

**COMMITTEES (OTHER):**

***DEPARTMENT***

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
01/2017-03/2018	Community Engagement Strategic Plan, UTHSCSA	Member
09/2016-08/2017	Population Health Strategic Planning, UTHSCSA <i>Developing a strategic plan for the Research Theme in Population Health.</i>	Member
08/2016-09/2017	Research Strategic Planning Working Group, UTHSCSA <i>Develop a research strategic plan for the University.</i>	Member
07/2013-06/2014	Search Committee, University of Texas HSC San Antonio, Dental School, Comprehensive Dentistry <i>Search Committee for Chair, Comprehensive Dentistry</i>	Member
09/2005-03/2018	Dental Public Health Residency Committee, UTHSCSA, Department of Comprehensive Dentistry	Chair



09/2004-08/2006	Interdepartmental Working Group, UTHSCSA, Dental School, Department of Community Dentistry	Chair
	<i>Develop curriculum to incorporate prevention education into the General Practice Groups (GPG) for DSIV students (includes faculty from Community Dentistry, General Dentistry, Restorative Dentistry)</i>	
08/2004-05/2009	Promotion and Tenure Committee, Community Dentistry	Chair
	<i>Chaired departmental promotion and tenure committee</i>	
02/2004-05/2004	Search Committee, UTHSCSA, Dental School, Community Dentistry	Member
	<i>Committee to recruit nutrition faculty member for the Department of Community Dentistry</i>	
01/2003-01/2008	Program: Healthy Baby Teeth, Community Dentistry	Member
	<i>Delphi Research Dissertation Project: Sue Etta Doty Cunningham</i>	
08/2002-09/2005	Dental Public Health Residency Committee, UTHSCSA, Department of Community Dentistry	Member
01/1998-12/1998	Postdoctoral Biomedical Sciences Review Committee, UTHSCSA, Dental School, Department of Periodontics	Member

**OTHER**

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
03/2003-05/2003	Academic Integrity Working Group, UTHSCSA, Dental School	Member
	<i>Ad-hoc committee that considered dental school policies related to student integrity issues</i>	
01/1986-11/1987	Dental Readiness Committee-Brooks AFB	Chair
	<i>Evaluated and scheduled training for combat readiness in the dental corps at Brooks AFB, TX</i>	
01/1985-11/1987	Dental Quality Assurance Committee-Brooks, AFB, Brooks AFB, Texas	Chair
	<i>Chaired Dental Quality Assurance Committee, Brooks AFB. Reviewed sample of patient records for each provider and noted trends in error. Conducted retraining of staff as needed</i>	
01/1984-11/1987	Dental Library Committee-Brooks AFB	Chair

*Chaired Library Committee. Made decision about new dental reference textbooks to order for the base library*

**SCHOOL**

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
09/2016-03/2018	Strategic Planning Committee, UTHSCSA, Dentistry <i>Develop a strategic plan for the School of Dentistry.</i>	Member
03/2016-03/2018	Health and Human Development Curriculum Planning Committee, School of Dentistry	Member
01/2012-05/2016	Dental School White Paper, Task Force One: Student Assessment, UTHSCSA <i>Committee considered options for evaluation of students, including a pass/no pass grading option</i>	Chair
10/2011-02/2012	Commission on Dental Accreditation: Research, Standard 6, UTHSCSA, Dental <i>Provided information in the draft report of Standard 6 (Research) and met with site visitors about the research effort</i>	Member
01/2011-01/2012	Curriculum Committee, UTHSCSA	Chair
01/2011-03/2018	Dental Hygiene Student Task Force, Dental School	Member
09/2010-05/2012	Research Committee, UTHSCSA, Dental School	Member
09/2010-02/2011	Dental School Admissions Policy Review Committee <i>Review of admission policies requested by the University of Texas System Office of Health Affairs, Vice Chancellor for Health Affairs</i>	Member
09/2010-09/2014	Curriculum Committee, UTHSCSA, Dental School	Member
03/2010-02/2012	Commission on Dental Accreditation Self Study Report-Standard 1, UTHSCSA, Dental <i>Member. Commission on Dental Accreditation Self-Study, Standard 1.</i>	Member
09/2008-11/2009	Curriculum Management Committee, UTHSCSA, Dental School	Ex Officio
09/2008-11/2009	General Practice Advisory Committee, UTHSCSA, Dental School	Ex Officio
09/2008-11/2009	Computer Use Committee, UTHSCSA, Dental School	Ex Officio
09/2008-11/2009	Admissions Review Panel, UTHSCSA, Dental <i>Panel that reviews applications and recommends candidates for admission into Dental School</i>	Chair

09/2008-08/2009	Review of AEGD/GPR Program, UTHSCSA, Dental School	Member
09/2008-08/2009	Mid-Accreditation Review, UTHSCSA, Dental School <i>Evaluate the position of the Dental School related to Standard 6: Research CODA guidance</i>	Chair
08/2008-05/2009	Admissions Committee, UTHSCSA, Dental <i>Convened and directed meetings of the Admissions Committee, Dental School</i>	Chair
09/2006-08/2007	Laredo Planning Group, UTHSCSA, Dental School <i>Defined role of dental public health residency program in Laredo, TX outreach</i>	Member
09/2006-08/2007	Search Committee, UTHSCSA, Dental School <i>Search for the Chair, Department of Dental Diagnostic Sciences</i>	Member
09/2006-08/2007	Faculty Assembly, Dental School, Dental School	Chair
09/2005-Present	Advanced Education Committee, UTHSCSA, Dental <i>Represents dental specialty of Dental Public Health</i>	Member
05/2005-03/2018	Advanced Education Committee (AEC), UTHSCSA, School of Dentistry	Member
01/2005-12/2005	Research Space Advisory Task Force, UTHSCSA, Dental School <i>Reviewed space currently available to conduct research at the Dental School and considered future research need for space</i>	Member
09/2004-08/2006	Faculty Assembly, Dental School, UTHSCSA, Dental School	Secretary
09/2004-08/2005	Task Force: Measuring Competency by Portfolio, UTHSCSA, Dental School	Member
09/2004-08/2005	Dean's Task Force: Oral Health Care Disparities Research Task Force, UTHSCSA, Dental School	Chair
09/2004-08/2005	Task Force: General Practice Advisory Committee, Preventive Dentistry, UTHSCSA, Dental School	Member
09/2003-08/2005	Clinical Faculty Development Committee, UTHSCSA, Dental School, Department of Community Dentistry <i>Represented the Department of Community Dentistry</i>	Chair
09/2003-08/2004	General Faculty, UTHSCSA, Dental School	Officer

*Recording Secretary*

09/2002-08/2003	Clinic Fee Subcommittee, UTHSCSA, Dental School <i>Office of the Associate Dean for Patient Care: Reviewed clinic fees in the dental student clinical practice</i>	Member
09/2002-08/2003	Project Mainstream, Dental School Component, UTHSCSA, Dental School <i>Reviewed tobacco cessation education in Dental School curriculum</i>	Consultant
01/2002-12/2002	Curriculum Review Subcommittee, UTHSCSA, Dental School <i>Subcommittee that considered teaching of preventive dentistry in the clinic. Represented the Department of Community Dentistry</i>	Chair
01/2002-12/2002	Dental Van Operations Subcommittee, UTHSCSA, Dental School <i>Explored utilization of dental van for community based programs</i>	Chair
01/2002-12/2002	Selection Committee, UTHSCSA, Dental <i>Endowed Professorship in Clinical Dentistry</i>	Member
09/2001-01/2007	Admissions Review Panel, UTHSCSA, Dental School <i>Panel that reviews applications and recommends candidates for admission into Dental School</i>	Member
09/1992-08/1995	Clinical Affairs Committee, UTHSCSA, Dental School	Member

**UNIVERSITY**

<b><u>Dates</u></b>	<b><u>Committee</u></b>	<b><u>Role</u></b>
09/2016-03/2018	Military Health Institute, UTHSCSA	Member
07/2015-01/2016	Library Director Search Committee, University of Texas Health Science Center at San Antonio <i>Served on Search Committee for new Director of Libraries, UTHSCSA</i>	Member
10/2009-Present	Admissions Committee-Masters of Science in Clinical Investigations, UTHSCSA	Member
09/2009-Present	Masters of Science in Clinical Investigations (MSCI) <i>Member: Council of Graduate Studies (COGS)</i>	Member

09/2008-08/2010	Promotion and Tenure Workshop Steering Committee, UTHSCSA <i>Organization of the Annual Promotion and Tenure Workshop</i>	Member
09/2008-11/2009	American for Disabilities Act Coordinating Committee, UTHSCSA <i>Represented Dental School as member of this committee</i>	Member
09/2008-11/2009	Uniformed Recruitment and Retention Committee, UTHSCSA	Member
09/2008-11/2009	Behavioral Intervention Team (BIT), UTHSCSA <i>Addressed campus safety concerns and initiated the creation of the HSC Alert system</i>	Member
09/2008-11/2009	Student Loan and Scholarship Committee	Member
01/2003-12/2003	Search Committee, UTHSCSA <i>Search Committee for the Library Director</i>	Member
09/2002-09/2002	Ad Hoc Library Committee, UTHSCSA <i>Participated with a group of University and external stakeholders to develop a strategic plan for the UTHSCSA library</i>	Member