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## Practice of Forensic Odontology

- 2008 Diplomat  
American Board of Forensic Odontology
- 2002-Present Adjunct Clinical Instructor  
University of Texas Health Science Center at San Antonio  
Center for Education & Research in Forensics (C.E.R.F.)
- August-September 2005 FEMA/ DMORT Region 6  
Deployment to Hurricane Katrina  
St. Gabriel, Louisiana Morgue  
Post mortem identification of human remains
- 1998-Present Consultant  
Immigration & Customs Enforcement  
United States Office of Homeland Security
- 1998-Present Consultant  
Kenyon Worldwide Disaster Management Specialists
- 2001-Present Team Member Region 6  
Disaster Mortuary Operational Response Team (DMORT)  
Federal Emergency Management Agency (FEMA)  
National Disaster Medical System (NDMS)  
United States Office of Homeland Security
- April 2002 Consultant  
Office of the Chief Medical Examiner  
New York City, NY  
Assisted with the identification of the victims of the World Trade Center terrorist attacks.

1994-Present                      Consultant  
Office of the Medical Examiner  
Dallas County, Dallas, TX  
Southwestern Institute of Forensic Sciences at Dallas

1998-Present                      Consultant  
Office of the Medical Examiner  
Bexar County, San Antonio, TX

**Private Clinical Practice**

1984-Present                      103 E. Beltline Rd., Suite H  
Cedar Hill, TX 75104

**Education**

2008                                  Board Certification  
American Board of Forensic Odontology

2004                                  Fellow  
American Academy of Forensic Sciences

1998                                  Fellowship-Forensic Odontology  
University Texas Health Science Center at San  
Antonio

1992                                  Fellow  
American Orthodontic Society

1992                                  LD Pankey Institute for Advanced Dental Studies

1990                                  Fellow  
Academy of General Dentistry

1984                                  Doctor of Dental Surgery  
Baylor College of Dentistry

1979                                  Bachelor of Science  
Caruth School of Dental Hygiene  
Baylor College of Dentistry

1977                                  Associates in Arts & Sciences  
Eastfield College



## **Organizations**

American Board of Forensic Odontology-Diplomate

American Academy Forensic Sciences-Fellow

Odontology Section Program Chair 2008-2010

American Society of Forensic Odontology-Treasurer(06-08)

Southwest Academy of Restorative Dentists

Academy of General Dentistry-Fellow

American Orthodontic Society-Fellow

Dallas County Dental Society

Texas Dental Association

American Dental Association

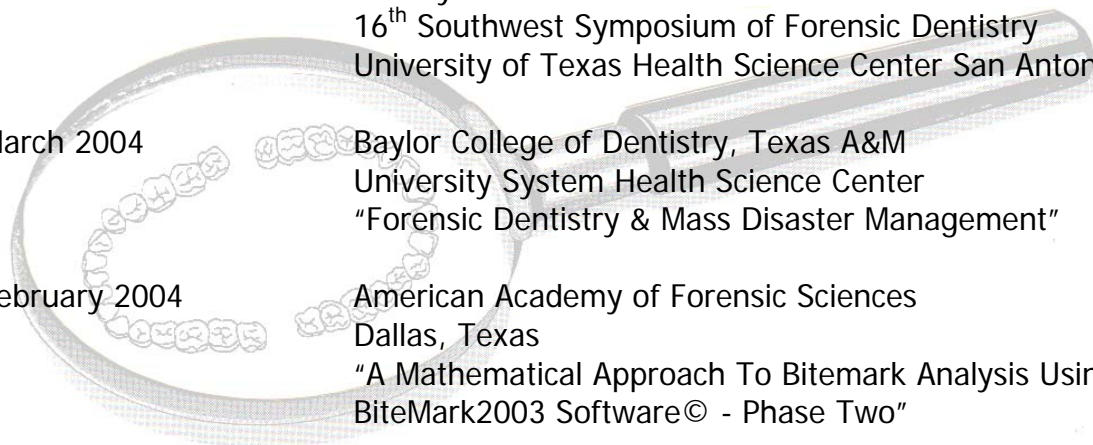
## **Presentations/Teaching**

2008 Faculty  
18<sup>th</sup> Southwest Symposium on Forensic Dentistry  
University of Texas Health Science Center San Antonio

2002-Present Adjunct Clinical Instructor  
Forensic Fellowship Program  
University of Texas Health Science Center at San Antonio-Center for Education & Research in Forensics (C.E.R.F.)

April 2007 Shaken Baby Alliance/Texas Children's Justice Act  
Project Making A Difference Together: Identification,  
Investigation & Prosecution of Child Abuse  
"Bite Mark Evidence & Analysis in Child Abuse"  
San Antonio, Texas

June 2006 Faculty  
17<sup>th</sup> Southwest Symposium on Forensic Dentistry  
University of Texas Health Science Center San Antonio



April 2005 Cook Children's Medical Center  
Grand Rounds  
Ft. Worth, Texas  
"Bite Mark Considerations, Case Management and Child Abuse"

March 2005 University of Texas at Arlington  
Science Career Options & Research Explorations  
"Forensic Odontology: Taking the Bite Out of Crime"

July 2004 Ft. Worth Homicide Detective Training  
Tarrant County College  
Ft. Worth, Texas  
"Bite mark Evidence"

June 2004 Faculty  
16<sup>th</sup> Southwest Symposium of Forensic Dentistry  
University of Texas Health Science Center San Antonio

March 2004 Baylor College of Dentistry, Texas A&M  
University System Health Science Center  
"Forensic Dentistry & Mass Disaster Management"

February 2004 American Academy of Forensic Sciences  
Dallas, Texas  
"A Mathematical Approach To Bitemark Analysis Using BiteMark2003 Software© - Phase Two"

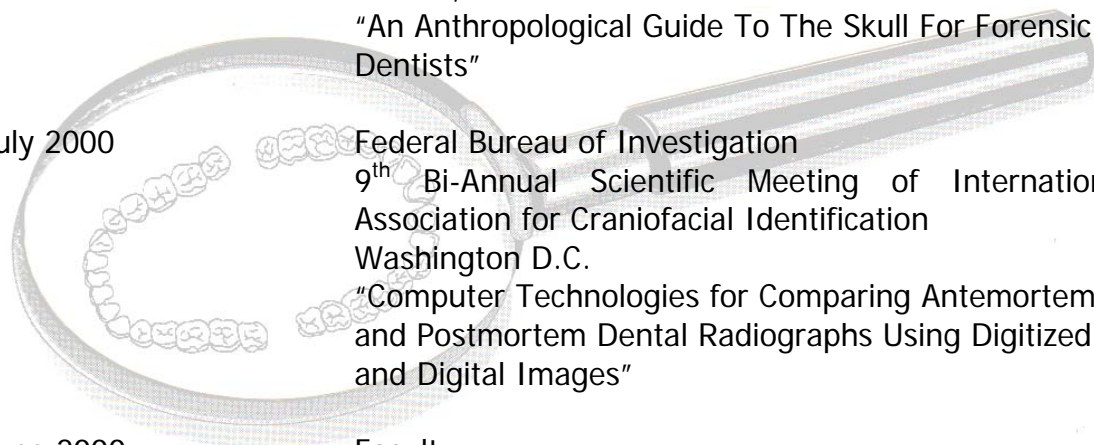
February 2003 American Academy of Forensic Sciences  
Chicago, IL  
"A Mathematical Approach To Bite Mark Analysis Using Bite2000 Software©"

July 2002 Children's Justice Act Prosecutor's Conference  
Austin, Texas  
"Bitemark Case Management"

July 2002 Child Protective Services  
Denton, Texas  
"Child Abuse-Bitemarks"

June 2002 Faculty  
15<sup>th</sup> Southwest Symposium of Forensic Dentistry  
University of Texas Health Science Center San Antonio  
"Digital Identification Using the UT-ID Method"

- April 2002 Tarrant County College  
Ft Worth, Texas  
Bites, Burns and Broken Bones: An Advanced Continuing Education Class for Professionals Working in the Area of Child Maltreatment  
"Bitemarks"
- March 2002 Tarrant County Dental Hygiene Society  
Ft. Worth, Texas  
"Forensic Identification: Unusual Cases"
- February 2002 American Academy of Forensic Sciences  
Atlanta, GA  
"Forensic Application of Computer-Based Image Analysis for Postmortem Identification"
- February 2001 American Academy of Forensic Sciences  
Seattle, WA  
"An Anthropological Guide To The Skull For Forensic Dentists"
- July 2000 Federal Bureau of Investigation  
9<sup>th</sup> Bi-Annual Scientific Meeting of International Association for Craniofacial Identification  
Washington D.C.  
"Computer Technologies for Comparing Antemortem and Postmortem Dental Radiographs Using Digitized and Digital Images"
- June 2000 Faculty  
14<sup>th</sup> Southwest Symposium on Forensic Dentistry  
University of Texas Health Science Center San Antonio  
"Mass Disaster Using CAPMI Software"
- June 2000 14<sup>th</sup> Southwest Symposium on Forensic Dentistry  
University of Texas Health Science Center San Antonio  
"Computer Technique for Comparing Antemortem and Postmortem Dental Radiographs Using Digitized and Digital Images"
- June 2000 Department of Public Safety  
Austin, TX  
Investigative Analysis of Homicide And Violent Crimes  
"Forensic Dentistry: Identification, Child Abuse, Bitemarks"



August 1999	Baylor College of Dentistry Dallas, TX "Mass Disaster Preparedness"
May 1998	Baylor College of Dentistry Dallas, Texas "Mass Disaster Preparedness"
November 1997	Dallas County Dental Hygiene Society Dallas, Texas "Forensic Dentistry"
August 1996	Baylor College of Dentistry Dallas, Texas Mass Disaster Preparedness"
August 1995	Baylor College of Dentistry Dallas, Texas "Mass Disaster Preparedness"
January 1991	Dallas Midwinter Dental Convention Dallas, Texas "Microbiological Diagnostics"
January 1991	Dallas Midwinter Dental Convention Dallas, Texas "Irrigation Therapy in the '90's"
February 1990	Chicago Midwinter Dental Convention Chicago, IL "Irrigation Therapy in the '90's"
April 1989	Arkansas Dental Hygienist Society Little Rock, AR "Antimicrobial Periodontal Therapy"

**Publications**

July 2006	<u>A Comparison of Animal Jaws and Bite Mark Patterns</u> Journal of Forensic Sciences, July 2006, Vol. 51, No. 4 Pages 846-860
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- 2005 Chapter 13 – Computer-Aided Dental Identification:  
Developing Objective Criteria For Comparisons Of  
Orofacial Skeletal Characteristics To Prove Human  
Identity  
Computer-Graphic Facial Reconstruction by John G.  
Clement and Murray K. Marks; Elsevier Ltd Publisher
- October 2000 Forensic Science Communications  
U.S. Department of Justice  
Federal Bureau of Investigation (FBI)  
Volume 2, Number 4  
“Computer Technologies for Comparing Antemortem &  
Postmortem Dental Radiographs Using Digitized &  
Digital Images”
- November 1991 AGD Magazine  
“Initial & Longitudinal Diagnostics of the Periodontal  
Patient”
- November 1990 The Profitable Dentist  
“Monitoring, Maintenance and Re-examination”
- October 1990 The Profitable Dentist  
“Mechanical Therapy”
- September 1990 DENTIST Magazine  
“Irrigation Therapy: Serving as an Adjunct to Perio  
Care”
- September 1990 Profitable Dentist  
“Microbiological Diagnosis
- August 1990 The Profitable Dentist  
“Periodontal Diagnostics”
- July 1990 Profitable Dentist  
“Antimicrobial Periodontal Therapy”

**References: Available on request**