

Dr. Adam A. Alexander

LinkedIn



Orthodontist, Oral and Maxillofacial Radiologist, Professor
Texas A&M University

LinkedIn: www.linkedin.com/in/adam-a-alexander

<https://public-health.tamu.edu/directory/alexander.html>

TAMU



A healthcare administrator, clinician, professor, and researcher with experience in leading high-performing teams, practicing, teaching, and conducting research. Board-certified orthodontist. Board-certified oral and maxillofacial radiologist. Areas of expertise include systems and processes quality improvement, advanced imaging in orthodontics, and integration of technology in patient care and instruction. Special work skills include proven problem-solving, financial literacy, and project management.

EXPERIENCE

Instructional Professor, Department of Health Policy and Management 2022–present
Texas A&M University, College Station, TX

Chair, Department of Orthodontics 2012–2022

Director, Predoctoral orthodontic program 2012–2022

Co-chair, Department of Pediatric Dentistry & Community Oral Health 2021–2022

University of Mississippi Medical Center (UMMC), Jackson, MS

Professor 2019–2022

Associate Professor 2015–2019

assistant Professor 2010–2015

Tenure 2016

University of Mississippi Medical Center (UMMC), Jackson, MS

Orthodontist 2012–2022

Private Practice, Jackson, MS

Attending orthodontist 2010–2022

Hospital Staff 2010–2022

Children's of Mississippi Hospital, Jackson, MS

Chief resident, Oral and Maxillofacial Radiology 2007–2008

Teaching Assistant 2005–2008

University of Texas Health Science Center at San Antonio, San Antonio, TX

EDUCATION

Master in Health Care Management Harvard University T.H. Chan School of Public Health, Boston, MA	2020–2022
Doctor of Education in Curriculum and Instruction University of Louisiana at Monroe School of Education, Monroe, LA	2013–2015
Doctor of Dental Medicine University of Mississippi Medical Center School of Dentistry, Jackson, MS	2012–2014
PhD in Clinical Health Science University of Mississippi Medical Center School of Graduate Studies, Jackson, MS	2010–2013
Certificate in Orthodontics Jacksonville University School of Orthodontics, Jacksonville, FL	2008–2010
Master of Science in Dental Diagnostic Science The University of Texas Health Science Center at San Antonio School of Graduate Studies, San Antonio, TX	2006–2008
Certificate in Oral and Maxillofacial Radiology The University of Texas Health Science Center at San Antonio School of Dentistry, San Antonio, TX	2005–2007
Certificate in Dental Diagnostic Science The University of Texas Health Science Center at San Antonio School of Dentistry, San Antonio, TX	2005–2007

CERTIFICATIONS and LICENSURE

Diplomate, American Board of Orthodontics (2014–present)
Diplomate, American Board of Oral and Maxillofacial Radiology (2009–present)
Dental license, Texas (2011–present)
Dental license, Specialty licenses in orthodontics and oral and maxillofacial radiology, Mississippi (2012–2023)
Council of Interstate Testing Agencies (CITA) clinical licensure examination (2012)
Western Regional Exam Board (WREB) clinical licensure examination (2008)
National Dental Boards

HONORS and AWARDS

Scientific Reviewer Award, American Academy of Oral and Maxillofacial Radiology (2018, 2016, 2014, 2013, 2012)

Jackson Free Clinic Faculty Service Award, Jackson Free Clinic, and University of Mississippi School of Dentistry (2018, 2017)
 Evidence-Based Dentistry Award, American Dental Association and American Association for Dental Research (2016)
 Certificate of Outstanding Contribution in Reviewing, American Journal of Orthodontics and Dentofacial Orthopedics (2016)
 Outstanding Faculty Award, American College of Dentists (2015)
 Hearin Scholarship, Business Advantage Program for Professionals, Millsaps College, MS (2014)
 Certificate of Outstanding Contribution in Reviewing, Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology Journal (2014)
 Member, Phi Kappa Phi Honor Society (2014)
 Fellowship, International College of Dentists (2013)
 Fellowship, American College of Dentists (2013)
 Fellowship, Academy of Dentistry International (2013)
 Top Reviewer, American Journal of Orthodontics and Dentofacial Orthopedics (2012–present)
 Member, Alpha Eta Honor Society (2012)
 Member, Sigma Xi Scientific Research Society (2010)
 American Equilibration Society Poster Award, American Equilibration Society annual meeting, Chicago, IL (2010)
 Fellowship, Pierre Fauchard Academy, International Dental Honor Society (2010)
 Fellowship, World Federation of Orthodontists (2010)
 Featured on the journal's cover, Journal of Dental Education (2008 and 2010)
 Charley Schultz Scholar, American Association of Orthodontists (2009 and 2010)
 Howard Riley Raper Award, American Academy of Oral and Maxillofacial Radiology and Indiana University School of Dentistry (2007)
 Radiology Centennial Scholarship Award, American Academy of Oral and Maxillofacial Radiology (2007)
 Chief Resident, Oral and Maxillofacial Radiology, UTHSCSA (2007-2008)
 Kenneth D. Rudd Continuing Dental Education Participant Award, UTHSCSA (2006)

PROFESSIONAL MEMBERSHIPS

American Dental Education Association (2006–present)
 American Dental Association (2006–present)
 American Association of Orthodontists (2008–present)
 Southern Association of Orthodontists (2010–present)
 American College of Dentists (2013–present)

PROFESSIONAL SERVICE

Vice-chair, Curriculum committee, Texas A&M University School of Public Health (2023–present)

Member, Master of Public Health core courses revision task force, Texas A&M University School of Public Health (2022–2023)

Faculty facilitator, TeamSTEPPS® (Team Strategies and Tools to Enhance Performance and Patient Safety) interprofessional education, Texas A&M University (2022–present)

Chair, Faculty appointment, promotion and tenure committee, UMMC School of Dentistry (2021–2022)

Member, Orthodontics Brain Trust, Epic Systems (2021–present)

National Dental Board Examinations Test Constructor, Joint Commission on National Dental Examinations, American Dental Association, Chicago, IL (2019–present)

Examination grader, Comprehensive General Dentistry Assessment (CGDA), UMMC School of Dentistry (2020–2022)

Member, Professionalism committee, UMMC School of Dentistry (2019–2022)

Poster judge, American Academy of Oral and Maxillofacial Radiology annual meeting (2018)

Member, University Dentists management advisory committee, UMMC School of Dentistry (2018–2022)

Epic System Super User, UMMC School of Dentistry (2018–2022)

Member, Epic Wisdom Development committee, UMMC School of Dentistry (2018–2022)

Member, UMMC Web committee, UMMC (2017–2021)

Member, Instructional design task force, UMMC School of Dentistry (2017)

Member, Pre-doctoral dental expansion task force, UMMC School of Dentistry (2017)

Member, Faculty compensation committee, UMMC School of Dentistry (2017–2019)

Member, Overhead expense task force, UMMC School of Dentistry (2017)

Examination constructor and grader, Objective Structured Clinical Examination (OSCE), UMMC School of Dentistry (2017–2022)

Member, Curriculum mapping task force, UMMC School of Dentistry (2017–2019)

Member, Student loan and scholarship committee, UMMC School of Dentistry (2017–2022)

Member, Space utilization committee, UMMC School of Dentistry (2017–2022)

Volunteer, Standards Committee on Dental Informatics, American Dental Association (2016–2019)

Member, Membership recruitment and retention committee, American Academy of Oral and Maxillofacial Radiology (2016–2018)

Member, Faculty appointment, promotion, and tenure committee, UMMC School of Dentistry (2016–2022)

Student advisor, Student Research Group, UMMC School of Dentistry (2016–2022)

Consultant, Online Cone-Beam Computed Tomography Resource Center, Council on Scientific Affairs, American Association of Orthodontists (2015–2022)

Board member, Board of Directors, UMMC Alumni Association (2014–2017)

Member, Advanced General Dentistry and General Practice Residency programs admissions committee, UMMC School of Dentistry (2014–2022)

Poster Judge, School of Dentistry Research Day, UMMC School of Dentistry (2012–2022)

Member, Executive committee, UMMC School of Dentistry (2012–2022)

Member, Appeals committee, UMMC School of Dentistry (2012–2022)
Member, Clinical affairs advisory committee, UMMC School of Dentistry (2012–2022)
Member, Faculty search committee, UMMC School of Dentistry (2012–2022)
Advisor, Dental students advising committee, UMMC School of Dentistry (2012–2022)
Member, Curriculum committee, UMMC School of Dentistry (09/2012–07/2017)
Member, Admissions committee, UMMC School of Dentistry (07/2012–06/2016)
Member, Smile Plus committee, UMMC School of Dentistry (01/2012–06/2014)
Member, Research advisory committee, UMMC School of Dentistry (2011–2022)
Member, Radiation and laser safety committee, UMMC (2011–2013)
Radiology Student Achievement Award Manager, American Academy of Oral and Maxillofacial Radiology (2010–2019)
Member, Council on Academy Affairs, American Academy of Oral and Maxillofacial Radiology (2009–2018)

COMMUNITY and VOLUNTEER SERVICE

Attending dentist, Health fair, Isable Elementary School, Jackson, MS (2021)
Volunteer, Mississippi Mission of Mercy, Greenwood, MS (2019)
Booth coordinator, Moving Our Delta's Health Forward Health Fair, Belzoni, MS (2018 and 2019)
Attending dentist, Dental Mission Week, UMMC School of Dentistry (2017–2022)
Volunteer dentist, Institutions of Higher Learning Health fair Assignment, Education and Research Center of Mississippi, Jackson, MS (2017)
Volunteer dentist, Jackson Free Clinic, Jackson, MS (2016–2020)
American Heart Association's Jackson Heart Walk, Jackson, MS (2016)
Volunteer, UMMC Fitness Fest Jackson (2016–2018)
Volunteer, UMMC Grants Ferry Health Fair (2016)
University of Mississippi Oral Cancer Awareness Walk, UMMC (2014)
Rush to Brush, UMMC Batson Children Hospital and University Wellness Center (2014–2016)
Kohls Cares Batson Safe Kids, UMMC (2013)
Mississippi Mission of Mercy, Jackson, MS (2012)
Give Kids a Smile Day, UMMC School of Dentistry (2010–2022)

TEACHING

Texas A&M University (2022–present):
Course coordinator, Organizational Theory
Course coordinator, Project Management in Health Systems
Course coordinator, Management Strategies and Principles for Public Health
Course coordinator, Advanced Public Health Practice and Capacity Building
Course designer, Health policy and management
Course designer, Health Systems Management
Course Instructor (Studio Lead), Thinking in Populations: The Public Health Mindset
Course Instructor (Studio Lead), Investigation and Control: Acute Public Health Events

Course Instructor (Studio Lead), Assessment and Intervention: Wicked Problems in Public Health
Course Instructor (Studio Lead), Framing and Persuasion: Public Health in the Public Sphere

University of Mississippi Medical Center (2016–2022):
Course instructor, Advanced Clinical Dentistry
Course instructor, Evidence-Based Practice in Dentistry
Course instructor, Microscopic and Developmental Anatomy
Course instructor, Histology
Coordinator, Orthodontic education and preparation for the American Board of Pediatric Dentistry, Graduate Program in Pediatric Dentistry

University of Mississippi Medical Center (2013–2018):
Course coordinator, Advanced Topics in Dentistry (For residents in Advanced General Dentistry and General Practice Residency)

University of Mississippi Medical Center (2013–2015):
Course coordinator, Radiology I

University of Mississippi Medical Center (2012–2022):
Course coordinator, Orthodontics I
Course coordinator, Orthodontics II
Course coordinator, Clinical Orthodontics
Course coordinator, Advanced Clinical Orthodontics
Course instructor, Esthetics
Course instructor, Periodontal Disease III-Surgery
Course instructor, Aging

University of Mississippi Medical Center (2010–2022):
Course instructor, Methods I-Oral Diagnosis
Course instructor, Methods II-Oral Radiology Clinic
Course instructor, Oral Lesions I-Introductory Oral Pathology
Course instructor, Oral Lesions II-Oral Pathology Seminar
Course instructor, Senior Comprehensive Competency

The University of Texas Health Science Center at San Antonio (2005–2008):
Course instructor, Panoramic Radiology (Graduate Oral and Maxillofacial Radiology)
Course instructor, Dental Radiology Educators Continuing Education Program
Trainer, Oral and Maxillofacial Radiology Technicians, Department of Dental Diagnostic Science
Teaching assistant, first and second-year dental students

EDITORIAL and REVIEWING

Reviewed 1000+ manuscripts for dental, public health, and scientific journals

DISSERTATIONS and THESES

Attitudes and perceptions of medical versus dental faculty towards problem-based learning. A doctoral dissertation was submitted in partial fulfillment of the requirements for the degree of Doctor of Education in Curriculum and Instruction. University of Louisiana at Monroe, School of Education, Monroe, LA (2015).

Attitudes and perceptions of dental students versus faculty towards dental education, licensure, practice and academia. A doctoral dissertation was submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the Clinical Health Science. University of Mississippi Medical Center, School of Graduate Studies, Jackson, MS (2013).

A cone beam CT evaluation of the oropharyngeal airway space and its relationship to mandibular position and craniofacial morphology. A thesis was submitted in partial fulfillment of the requirements for the Certificate of Advanced Graduate Studies in Orthodontics. Jacksonville University, School of Orthodontics, Jacksonville, FL (2010).

Effect of JPEG2000 compression on landmark identification of lateral cephalometric digital radiographs. A thesis was submitted in partial fulfillment of the requirements for the degree of Master of Science in Dental Diagnostic Science. The University of Texas Health Science Center at San Antonio, Graduate School of Biomedical Sciences, San Antonio, TX (2008).

PEER-REVIEWED PUBLICATIONS

Published 27 peer reviewed articles and 47 abstracts, editorials, and book reviews.

CONFERENCE and INVITED PRESENTATIONS

Delivered 43 presentations at national and international meetings.

SUPERVISION of STUDENT RESEARCH

Supervised 8 student research projects.

GRANTS

Title:	Tarrson Dental School Student Community Leadership Award
Agency:	American Dental Association Foundation
Role:	Principal Investigator
Period:	12/2018–12/2019
Amount:	\$5,000

Title: Millsaps Scholarship for Business Advantage Program
 Agency: Hearin Foundation
 Role: Principal Investigator
 Period: 08/2014–12/2014
 Amount: \$3,500

Title: Educational supplies for UMMC Department of Orthodontics
 Agency: American Orthodontics
 Role: Principal Investigator
 Period: 09/2012–09/2013
 Amount: \$50,000

PROFESSIONAL DEVELOPMENT PROGRAMS and CERTIFICATIONS

Mastering the Business of Orthodontics, Wharton Business School and American Association of Orthodontists (2022)
 How To Read A Cone Beam CT, BeamReaders (2022)
 Camtasia Explorer and Voyager Certification, TechSmith (2021)
 Diversity and Inclusion Champion Certificate, UMMC (2020)
 Biomedical Research Investigators and Key Personnel Program, Collaborative Institutional Training Initiative (2020)
 Social & Behavioral Research Investigators Program, Collaborative Institutional Training Initiative (2019)
 Crucial Conversations Program, VitalSmarts (2019)
 Leadership Program, Southern Association of Orthodontists (2019)
 Systematic Review Course, Joanna Briggs Institute (2019)
 EndNote Online and Writing Manuscripts, Technology Learning Central, UMMC (2019)
 Capturing and Producing Videos and Canvas - TLC Canvas Course, UMMC (2019)
 Chronic Disease Management Program, UMMC (2018)
 Excellent Teacher Program, UMMC (2017)
 Basics of investing, Millsaps College, MS (2016)
 UMMC Leadership Program, UMMC (2015)
 Basic photography and digital photo editing, Millsaps College, MS (2015)
 How to edit what you write, Millsaps College, MS (2015)
 Teaching for Quality, Association of American Medical Colleges (2014)
 Business Advantage Program for Professionals, Millsaps College, MS (2014)
 Teachers in Medical Education Certificate, UMMC (2013)
 Dental LASER standard proficiency, Academy of Laser Dentistry (2012)
 Invisalign certification, Align Technology (2009)
 Annual San Antonio institute of Dental Radiology Educators Certificate, UTHSCSA (2007)
 Preceptorship in Dental Implantology, UTHSCSA (2006-2007)
 Southwest Symposium on Forensic Dentistry and Advanced Forensic Anthropology, UTHSCSA (2006)

UTHSCSA Teaching Excellence course (UTEC), Educational Research and Development Division, UTHSCSA (2006)

Diploma in Piano Tuning, American School of Piano Tuning, Morgan Hill, California (2003)

Advanced Certificate in Piano Performance, Associated Board of the Royal Schools of Music, London, England (2002)

CONTINUING HEALTHCARE EDUCATION

1000+ CE Hours

COMPUTER SOFTWARE and SYSTEMS PROFICIENCIES

Epic systems; Canvas; Moodle; Blackboard; ExamSoft; MiPACS; Camtasia Studio; IBM SPSS; JMP; SurveyMonkey; Qualtrics; EndNote; Workday; HealthStream; Adobe® Acrobat Pro; Adobe® Photoshop; Windows Microsoft® Office: Word, Excel, PowerPoint, Publisher, Visio and Document Imaging; Windows Media Center; Windows Movie Maker; Dolphin Imaging; OrthoCAD; Anatomage Treatment Studio; Accurex; OnDemand 3D; SimPlant®; E-film; ImageJ; ImageTool; InVivo Dental

INTERESTS and HOBBIES

Fitness, technology, art, psychology, playing piano, traveling, foosball, fine dining, ethnic food cooking, grilling, and good coffee