

EDUCATION

Tufts University, School of Dental Medicine

Doctor of Dental Medicine

Boston, USA

December 2024- Current

Hofstra University, School of Health Professions

Master of Public Health

New York, USA

September 2016- May 2018

Dharmsinh Desai University, Faculty of Dental Science

Bachelor of Dental Surgery

Gujarat, India

September 2009- August 2014

ACADEMIC EXPERIENCE

ADEA-ADCFP: Academic Dental Career Fellowship Program

Boston, Massachusetts

July 2025- Present

- Working with mentor Dr. Taha Masood Akhtar as part of the Fellowship Program. The program consists of faculty-student pairs who collaborate on research or teaching project. This fellowship aims to gain firsthand experience and understanding of the daily responsibilities of a dental school faculty member. Engage in one-on-one discussions to hear personal reflections and insights from faculty. Learn and apply best practices in teaching, learning, and research. Explore academic career planning and navigating the broader landscape of dental education.

Teaching Assistant

Boston, Massachusetts

September 2025- Present

- Assist faculty in pre-clinical and clinical teaching of complete and partial denture techniques, including impression making, jaw relation records, tooth arrangement, and denture insertion/adjustment.
- Provide one-on-one guidance to dental students, reinforcing proper use of instruments, materials, and lab procedures (wax-ups, frameworks, try-ins).
- Support faculty during lectures, demonstrations, and pre-clinical labs by answering student questions and troubleshooting common errors.

UNIVERSITY LEADERSHIP EXPERIENCE

Massachusetts Dental Society Government Affairs Committee

Boston, Massachusetts

August 2025-Present

- Monitoring legislative and regulatory issues, advising on policy priorities, and engaging with legislators to promote oral health and the interests of the profession.
- Strengthen grassroots advocacy, helping organize Beacon Hill Day and district-level initiatives, while educating and mobilizing members on legislative topics and policy impact.

ASDA District 1 Advanced Standing Chair

Boston, Massachusetts

April 2025- Present

- Serving as liaison to chapter and district leadership while advocating for their academic, cultural, and professional needs.
- Promote engagement and inclusion by developing resources, supporting mentorship and networking opportunities, and ensuring representation of advanced standing perspectives at district and national ASDA events.

IS Class President

Boston, Massachusetts

January 2025- Present

- Serving as a Class President, representing student interests to faculty and administration, advocating on academic and policy matters, and fostering communication between classmates and institutional leadership.
- Organized and led class initiatives, including meetings, professional development and community service events, fundraisers, and graduation activities, while promoting unity and engagement within the class.

PROFESSIONAL DENTAL EXPERIENCE

Amazing Smiles NYC

New York, USA

Dental Assistant

September 2017- December 2022

- Assisted the dentist in chair-side procedures including root canal, extractions, post-core placement and ancillary clinical functions like pouring impression models, disinfection, and obtaining X-rays.

Dentemp Inc.

New York, USA

Dental Assistant

November 2018- February 2019

- Assisted dentists while performing procedures, seating patients, setting, and breaking up operatory, recording radiographs and impressions using putty and alginate, checking patients out, and restocking inventory. Identified the flow of administrative billing systems followed in the clinic.

Adarsh dental clinic and Implant Center

Gujarat, India

- Associate Dentist February 2016- June 2016
- Performed simple and complex restorations, extractions, dental prophylaxis, fixed and removable prostheses and radiographs. Gained practical experience in handling apex locator, dental microscope, rotary instruments.
- Smile Bright Dental clinic and Implant Center** **Gujarat, India**
- Associate Dentist November 2015- February 2016
- Provided quality comprehensive dental care such as oral prophylaxis, restorations, endodontic treatment, partial and complete dentures, extractions. Promoted preventive dental care awareness among patients.
- South Gujarat Medical Trust Education and Research Center** **Gujarat, India**
- Associate Dentist November 2014- October 2015
- Provided dental care to underserved population by various procedures like extractions, suturing, fixed and removable dentures, crown and bridge, managing the outpatient documentation.

DENTAL OBSERVERSHIPS AND PRECEPTORSHIPS

- University of California, San Francisco School of Dentistry** **California, USA**
- Dental Preceptor April 2023- June 2024
- Assist faculty and residents in AEGD department in dental treatment planning of restorations using CAMBRA, implant placement, dentures. Scheduling, charting, and taking notes in EPIC software. Learned about clinical application of soft tissue lasers and Invisalign. Attending case presentations, quality improvement seminars, conducting research literature review
- Boston University, School of Dental Medicine** **Boston, USA**
- Dental Preceptor January 2022- February 2022
- Attended oral biology, pathology lectures, hands-on CAD-CAM, treatment planning, CBCT and Salud software learning. Assisted DMD students and group practice leaders at their pre-doctoral clinics and residents at Endodontics, Periodontics, Oral Surgery, Pedodontics, Orthodontics and Prosthodontics post-doctoral clinics.
- Ohio State University, School of Dentistry** **Ohio, USA**
- Dental Extern September 2021
- Effectively participated in case presentations, literature review with residents attended courses on Radiology and Biomechanics. Shadowed orthodontic faculties and residents in diagnosis and treatment planning.
- Columbia University School of Dental Medicine** **New York, USA**
- Dental Extern April 2018| August 2018
- Shadowed orthodontic residents gaining insights about various orthodontic instruments and cast analysis procedures. Effectively showcased patient management skills by pacifying perturbed pediatric, geriatric, and sedated patients who deeply feared dental procedures.

RESEARCH EXPERIENCE

- Tufts University, School of Dental Medicine** **Massachusetts, USA**
- Engaged in collaborative research projects under the mentorship of the Dean July 2025- Present related to educational research, with Dr. Hend for integration of artificial intelligence in dentistry and Dr. Taha Masood Akhtar for focusing on the and the advancement of digital prosthodontics. Work includes exploring AI applications in diagnosis and treatment planning, developing CAD/CAM and 3D-printing workflows for prosthodontic care, and contributing to innovations that enhance clinical efficiency and patient outcomes.
- University of Michigan, School of Dentistry** **Michigan, USA**
- Research Assistant February 2023- Present
- Perform literature reviews, analyze data, and summarize results by supporting principal investigator by following study objectives and requirements related to oral health access for vulnerable populations.
- University of California, San Francisco School of Dentistry** **California, USA**
- Research Assistant April 2023- June 2024
- Perform literature, systematic reviews, case reports by summarizing results and supporting principal investigator by following study objectives, requirements for submission to various journals.
- University of California, Los Angeles School of Dentistry** **California, USA**
- Newsletter writer, editor September 2023- May 2024
- For pre-dental newsletter Leeway Space, wrote articles related to oral health during Fall 2023. Editor for the same for Spring 2024 to make sure articles are understandable for pre-dental students.
- Northwell Health** **New York, USA**
- Research Scholar September 2017- December 2018

- Performed recruitment, literature review, quantitative analysis on cultural determinants of COPD such as Hispanic Paradox, assisted in IRB proposals for a Chronic Obstructive Pulmonary Disease telehealth study for the Patient-Centered Outcomes Research Institute (PCORI)

PUBLICATIONS

- Burnout rate among dental professionals post COVID-19 at one academic dental institution October 2025
<https://doi.org/10.1186/s12909-025-07841-0>
- State of Residency of Students in US Dental Schools: Implications for Access to Dental Education September 2025
<https://doi.org/10.1002/jdd.70034>
- Understanding Trends in Chair Utilization and Underutilization as Graduation Approaches April 2025
<https://doi.org/10.1002/jdd.13907>
- Failure Rates of Tooth-Supported Crown Restorations in an Academic Dental Center April 2025
<https://doi.org/10.46889/JDHOR.2025.6111>
- A Comparison of Nationwide Dental Utilization and Medicaid Dental Coverage October 2024
[https://doi.org/10.37191/Mapsci-2583-2255-5\(1\)-039](https://doi.org/10.37191/Mapsci-2583-2255-5(1)-039)
- Determining the Failure Rate of Direct Restorations—Chart Review versus Electronic Health Record Reports August 2024
<https://doi.org/10.3390/dj12080250>
- A Comprehensive Review of Clear Aligner Therapy March 2024
Journal of Decisions in Dentistry
<https://decisionsindentistry.com/article/a-comprehensive-review-of-clear-aligner-therapy/>
- Effectiveness of Whitening Agents Used in the Walking Bleach Technique December 2023
Journal of Decisions in Dentistry
<https://decisionsindentistry.com/article/effectiveness-of-bleaching-agents-used-in-the-walking-bleach-technique/>
- Trends in Malpractice Payments and Adverse Actions Against Pharmacists in the United States Between 1990-2022 July 2023
European Society of Medicine *Medical Research Archives*, 11.7.1 (2023): n. pag. Web. 15 Jul. 2023.
Available at <https://esmed.org/MRA/mra/article/view/4043>
- Evaluation of sealing ability of MTA flow, biodentine and pro-root MTA to seal the furcal perforation with and without internal matrix- An in-vitro study July 2023
Journal of Pharmacy and Bioallied Sciences. 15(Suppl 2):p S1192-S1194, July 2023
- Diabetes and its impact degrading oral health April 2023
European Chemical Bulletin 2023, 12 (Special issue 1), 1561-1571
- Evidence-based decision-making in healthcare-A literature review November 2021
Asia Pacific Dental Journal Volume 8, Issue 3

POSTER PRESENTATIONS

- University of Michigan School of Dentistry Research Day** **Michigan, USA**
- A Comparison of Nationwide Dental utilization and Medicaid Dental coverage February 2024
- Shortage of Dental Staffing in the United States dental schools February 2024
- Medicaid Dental Coverage and Oral Health Outcomes in Adults February 2023
- Greater New York Dental Meeting** **New York, USA**
- Role of Dental Sealants in Dental Caries: A Literature Review November 2023
- Predictors of dentists' behavior regarding primary dental care- Literature review November 2022
- COVID-19 and its implications on dentistry November 2021
- The Impact of Caregiver Negligence and other risk factors on oral health status in Five-year-old children November 2018
- Effectiveness of comparison between Herbal and Chlorhexidine mouthwash on gingivitis November 2017

NON-DENTAL EXPERIENCE

- Mount Sinai Hospital** **New York, USA**
Business Insights Analyst III March 2022- December 2024
 - Develop and maintain monthly tracking system for all U.S. News and CMS Stars measures and programs to identify opportunities to improve outcomes and scores for U.S. News rankings and CMS Stars ratings
- Optum-UnitedHealth Group** **New Jersey, USA**
Senior Business Analyst January 2019 – February 2022

- Analyzed various value-based programs and healthcare plans such as HEDIS, NCQA, STAR reports to generate accurate models of Population Health and Business Operations

COMMUNITY SERVICE EXPERIENCE

Remote Area Medical	Massachusetts, USA
<ul style="list-style-type: none"> Provided comprehensive dental care under faculty supervision, including examinations, preventive and restorative treatments, surgical procedures and patient education, in a high-volume setting. 	August 2025
Aspire to Learn	Texas, USA
<ul style="list-style-type: none"> Virtually teaching basic English to Spanish speaking students to improve their vocabulary and understanding of English language. 	January 2024- May 2024
American Red Cross Society	Wisconsin, USA
<ul style="list-style-type: none"> Interacting with public who come for blood donation and call all the volunteers to schedule their upcoming shifts. 	September 2022- August 2024
California Care Force, CDA Cares, Care Harbor	California, USA
<ul style="list-style-type: none"> Assisted dentists in providing cleanings, restorations, and basic preventative treatment to underserved dental patients along with oral health education. 	March 2023 August 2022 March 2022
Hawthorne Elementary School	Wisconsin, USA
<ul style="list-style-type: none"> Educated elementary school students and their families regarding Affordable Dental Care organization for low-cost dental treatment to maintain their oral hygiene and served food to all the attendees. 	January 2023
Mission of Mercy	Iowa, North Carolina, Florida, USA
<ul style="list-style-type: none"> Fulfilled the duties of a dental assistant during my tenure at the clinic and engaged with a diverse group of motivated dentists 	November, August, March 2022
Families Against Sex Trafficking (F.A.S.T.)	California, USA
<ul style="list-style-type: none"> Served as a bridge connecting people impacted by sexual exploitation and services, community, and resources and provided data analysis on how frequently the outreach needs to be done and what information could be useful to ask victims by hotline customer service team 	August 2022- December 2022
Father's Heart NYC	New York, USA
<ul style="list-style-type: none"> I assisted kitchen personnel in areas of need (line servers, dishwashers, helping to set up for meals and helping to clean up after meals) and assisted in some preparation of food for around 1063 attendees 	August 2022
Organization for Autism Research	New York, USA
<ul style="list-style-type: none"> Provided feedback on job seekers' resumes and cover letter, helped them identify and search for jobs commensurate with their skills, qualifications, and support with interview preparation 	March 2022- April 2022
Keen New York LLC	New York, USA
<ul style="list-style-type: none"> Helped children with severe mentally disabled for various social activities such as Gymnastics, interactive games, story time and social activities 	February 2022- August 2022
Greater Boston Food Bank	Boston, USA
<ul style="list-style-type: none"> Helped in packing the meals to be distributed around eastern Massachusetts 	January 2022
Give Kids a Smile Day	New York, USA
<ul style="list-style-type: none"> Selflessly performed oral health screenings and education to over 1000 school students 	March 2017 March 2018

PROFESSIONAL LEADERSHIP EXPERIENCE

Student Poster Judge	New Orleans, Louisiana
<ul style="list-style-type: none"> Judged student posters for the poster competition at American Dental Education Association conference 	March 2024
Manuscript Reviewer	
Journal of American Dental Association	November 2023- Present
Cureus Journal of Medical Science- Oral Health Public Health	October 2023- Present
Journal of Dental Education	November 2021- Present
<ul style="list-style-type: none"> Providing feedback on the manuscripts for improvements and make recommendations to the editor about whether to accept, reject or request changes to the manuscript. 	
Abstract Reviewer for American Dental Education Association Conference	Chicago, USA
<ul style="list-style-type: none"> Reviewed abstracts and provided score whether an abstract can be accepted or rejected 	June 2022
For ADEA annual meeting 2023	

Hofstra University, School of Health Professions**New York, USA**

President

June 2022- May 2024

- Preside at meetings with the rest of the E-board, monitor budgets for Public Health Alumni Association

Vice President/ Secretary

September 2019-August 2021

- Presided at meetings in the absence of the President, facilitated election with the E-Board for Delta Omega Honor Society

National Public Health Week Volunteer

April 2017| April 2018| April 2020| April 2021

- Aided public health companies in various tasks and cared for attendees during the session.

Treasurer

September 2016 - May 2018

- Maintained paperwork and monitored the budget for multiple Society of Public Health Advocates (SOPHA)

Student co-editor

January 2017 - May 2017

- Contributed to the MPH newsletter-The BRIDGE, writing and compiling articles on Public Health events.

Media Representative at Presidential Debate - Donald Trump & Hillary Clinton

September 2016

- Answered general questions from BBC and ABC News reporters about the center and where their credentials will allow them to go while directing incoming reporters to the rate card desk.

AWARDS AND HONORS

- **Cochrane India National Level Essay Competition**

India

Secured prize on Essay regarding Evidence-based Decision-making

October 2021

- **Hofstra University, School of Health Professions**

New York, USA

- Delta Omega Public Health Honor for outstanding community involvement

May 2019

- 3rd rank in 5th Interdisciplinary film competition, National Public Health Week.

April 2018

- Merit-based public health academic excellence scholarship

August 2017| January 2018

CONFERENCES & CONTINUING EDUCATION (335 ADA CERP + 21 International Credit Hours)

- American Dental Education Association

New Orleans, Louisiana: March 2024

- Greater New York Dental Meeting

New York, New York: November 2023|2022|2021|2018|2017

- California Dental Association Presents

San Francisco, California: September 2022

- Dr. Duggan Bench Preparation Hands-On Course

Los Angeles, California: April 2022- May 2022

- Yankee Dental Congress

Boston, Massachusetts: January 2021| January 2022