

DR. ABHISHEK JAHAGIRDAR DDS MDS

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PROFESSIONAL SUMMARY

Dr. Abhishek Jahagirdar is a dentist-scientist and academician with advanced training in Oral Pathology, comprehensive clinical experience in the United States and India, and a strong record of peer reviewed research. He has served as an Assistant Professor and Interim Department Chair, contributed to university level governance and examinations, and published extensively in PubMed indexed journals. His work—particularly in cytogenetic biomarkers such as micronuclei in oral exfoliated epithelial cells—has been independently cited by other researchers and has informed early cancer risk assessment methodologies. He also serves as a peer reviewer and editorial board member for multiple journals, reflecting sustained recognition of his expertise by the academic community.

EDUCATION

<u>Matched into Master of Science Residency in Dental Anesthesiology</u>	<u>Starting June 2026– June 2029</u>
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Ohio State University, Wexner Medical Center, Columbus, OH

International Dentist Program (DDS)

June 2018– June 2020

University of California, San Francisco School of Dentistry

Master of Dental Surgery (MDS) in Oral Pathology and Microbiology (GPA–3.63)

May 2009– May 2012

Rajiv Gandhi University of Health Sciences, Karnataka, India

Bachelor of Dental Surgery (BDS) (GPA–3.39)

August 2003– April 2009

Rajiv Gandhi University of Health Sciences, Karnataka, India

PROFESSIONAL EXPERIENCE

CLINICAL

Associate Dentist

Family Smiles, *Lubbock, Texas*

Oct 2025–present

Plainview Dentistry, *Plainview, Texas*

October 2024–Sep 2025

Brownfield Dental, *Brownfield, Texas*

August 2021–September 2024

Smile Shine Dental, *Patterson, California* and Western dental, *Pittsburgh, Ca*

September 2020–July 2021

- Performed comprehensive oral examinations with an emphasis on individualized, preventive-based dental care. ***Predominantly served Medicaid kids and adults, Veterans and special needs for almost 5 years of my career including in Ca and Texas and even now currently***
- Conducted a wide range of procedures, including oral prophylaxis, composite restorations, crown and bridge preparations, simple and complex surgical extractions, molar root canals, and partial and complete dentures.

- Executed single and full-arch implant placements and prosthetic rehabilitation.
- Provided pediatric dental care including preventive fluoride application, pit and fissure sealants, composite restorations, pulpotomies, stainless steel crowns, space maintainers, etc.
- Assisted in IV sedation procedures, including preparation, IV-line placement, monitoring, and recovery support under supervision.

ACADEMIC EXPERIENCE

Assistant Professor, Department of Oral Pathology and Microbiology

Dayananda Sagar College of Dental Sciences, Bangalore

May 2014– May 2018

Rajiv Gandhi College of Dental Sciences & Hospital, Bangalore

June 2012– July 2013

- Provided didactic and preclinical instruction in Dental Anatomy, Dental Histology, and Oral Pathology to first- and third-year dental students (D1 and D3).
- Mentored residents in Oral Pathology through journal clubs, seminars, research dissertation guidance, and diagnostic slide interpretation.
- Performed histopathological reporting of specimens, including common cysts, tumors, salivary gland pathology, oral cancers, and head and neck cancers using immunohistochemical markers.
- Served as an ***internal and external examiner for D1 and D3*** dental students at various universities nationwide, evaluating them in areas such as oral pathology, dental anatomy, and clinical diagnostic skills. Assessed their theoretical knowledge, practical skills, and clinical judgment through written exams, OSCEs, and viva voce formats, ensuring standardized evaluation according to university academic guidelines.
- Served as ***Interim Chair of the Department***, overseeing academic scheduling, faculty coordination, case assignments, and departmental administration.
- Instrumental in enhancing academic outcomes, leading to a ***record-high pass rate of 97%*** among D1 and D3 students during tenure.

Assistant Registrar, Rajiv Gandhi University of Health Sciences, Bangalore

July 2013– May 2014

- Coordinated the preparation, scheduling, and facilitation of Senate and Syndicate meetings, playing a pivotal role in shaping university governance.
- Supervised the assignment of internal and external examiners across 600+ affiliated institutions, serving over 15,000 students, including medical, dental, nursing, pharmacy, and allied health colleges, thereby ensuring the smooth conduct of university-wide examinations.
- Ensured the seamless execution of evaluation processes and the prompt and accurate publication of results, reinforcing academic integrity and excellence.
- Collaborated with academic deans and institutional coordinators to resolve examination-related issues and standardize academic procedures across colleges.

RESEARCH, PUBLICATIONS, AND PRESENTATIONS

RESEARCH:

- Safety and efficacy of different sedation protocols in managing dental anxiety in adults **June 2023**
- Comparative Study of Local Anesthesia Techniques for Pain Management in Mandibular Third Molar Extractions **January 2022**
- HPV DNA extraction methods– A comparative evaluation in oral cancer **June 2013**
- Odontometry and skull anthropometry– A possible tool for stature estimation **October 2011**
- A comparative study for selectivity of micronuclei in oral exfoliated epithelial cells **March 2011**
- Evaluation of mast cells in periapical lesions **December 2010**
- Saliva– As a Diagnostic Tool **November 2009**

PUBLICATIONS: 11 PubMed Indexed and 5 International, and one international textbook chapter 2025

- Efficacy and safety of different sedation protocols in pediatric dental procedures: A comparative study. J Pharm Bioall Sci 2025; JULY 2025. **(PUBMED)**
- The Crucial Role of Oral Pathology in Modern Dental Practice. PriMera Scientific Surgical Research and Practice 6 (6), 01–02
- Comparative study of local anesthesia techniques for pain management in mandibular third molar extractions. J Pharm Bioall Sci 2025. March 2025. **(PUBMED)**
- Safety and efficacy of different sedation protocols in managing dental anxiety in adult patients: A randomized controlled trial. J Pharm Bioall Sci 2025. March 2025. **(PUBMED)**
- Benefits and Challenges of Dental Implants in Pedodontics: An umbrella review. Journal of International Oral Health. Accepted for Publication
- Healthcare provider perspectives on periodontal therapy and its effects on oral health–related quality of life: Periodontal Healthcare perspectives. Journal of University Medical & Dental College. Accepted for publication.

2024

- Analysis of psychological distress and dental anxiety in patients attending dental care during the COVID-19 pandemic. J Pharm Bioall Sci 2024;16:S2615–7. **(PUBMED)**
- Retrospective study of anesthesia–related complications in elderly patients undergoing surgery. J Pharm Bioall Sci 2024;16:S2572–5. **(PUBMED)**
- Connecting Smiles: Bridging Gaps in Oral Health Access with Teledentistry [Internet]. Biomedical Engineering. IntechOpen; 2024. **Textbook Chapter**
- Evaluation of treatment outcomes and quality of life in patients with obstructive sleep apnea receiving oral appliance therapy. J Pharm Bioall Sci 2024;16:S2634–6. **(PUBMED)**
- Analysis of the impact of sleep apnea on cardiovascular health and mortality: A long–term cohort study. J Pharm Bioall Sci 2024;16:S2631–3. **(PUBMED)**

2017

- Avascular necrosis of the maxilla: A rare case report with review. RJMS 2017;1:16–20
- HPV DNA extraction methods– A comparative evaluation in oral cancer. RJMS 2017;1:24–25
- Collagen and its role in predicting the biological behavior of Odontogenic lesions. J Contemp Dent Pract 2017 Feb 1;18(2):137–141. **(PUBMED)**

2013

- Characterization of mast cells in periapical lesions: A bird's eye view. RJMS 2013;2:105–109

2012

- A comparative study for selectivity of micronuclei in oral exfoliated epithelial cells. Journal of Cytology 2012 Oct–Dec; 29(4): 230–235. (PUBMED)
- An atypical presentation of Pindborg tumor in anterior maxilla: Report of a case and literature review. Dental Research Journal 2012 Jul–Aug; 9(4): 495–498. (PUBMED)

2011

- Dental caries– An ever–expanding horizon. Int Poster J Dent Oral Med 2011, Vol 13 No 4, Poster 568.
- Glandular Odontogenic cyst: Report of an unusual bilateral occurrence. Indian J Dent Res 2011;22:364 (PUBMED)

EDITORIAL BOARD MEMBERSHIPS

- Journal of American Dental Association Reviewer
- Journal of Research in Medical & Dental Sciences
- Editorial Board member for PriMera Scientific Surgical Research and Practice
- Updates in Dentistry, Reviewer
- Reviewer for Journal of Oral & Maxillofacial Pathology
- Institutional Review Board member for Updates in Dentistry

PRESENTATIONS:

- Understanding dental malpractice: Legal definitions, implications, and emergency preparedness at Greater New York Dental Meeting, New York, **December 2024**
- Optimizing Oral Health in patients with special health care needs: Challenges and practical Implications at Greater New York Dental Meeting, New York **December 2024**
- Odontometry and skull anthropometry– A possible tool for stature estimation (Oral) **September 2017**
15th National Conference of IAFO, Bangalore
- Ozone Therapy (Poster)– 8th International Dental Students & Surgeons Congress **April 2016**
- An unusual case report of Orthokeratinized Odontogenic cyst (Oral) **July 2011**
11th National PG Convention (Indian Association of Oral and Maxillofacial Pathologists)
- Mast cells in periapical lesions– Potential role in their pathogenesis (Poster) **December 2010**
19th National & 1st International Conference (IAOMP)
- Dental Caries– An ever–expanding horizon (Poster)– 10th National Resident Convention **June 2010**

AWARDS & HONORS

- Invited as a Judge at my sons school for the annual STEAM competition December 2025
- **1st prize for Oral paper presentation** at 15th National Conference of Indian Association of Forensic Odontology, Bangalore
- **Chaired a scientific session** for oral presentations of postgraduates at the 15th National Conference of the Indian Association of Forensic Odontology, Bangalore **September 2017**
- **Reviewer** of Journal of Oral and Maxillofacial Pathology (PUBMED Indexed), the official publication of the Indian Association of Oral & Maxillofacial Pathology. **April 2017**
- Nominated by the Honorable Vice Chancellor of Rajiv Gandhi University of Health Sciences as a member of the **Board of Faculty of Dentistry** in the Assistant Professor Category. **March 2017**
- Selected to undergo the prestigious **Prolead II Health promotion programme** at the World Health Organization, Regional Centre, Kobe, Japan. **September 2017**
- Served as **external and internal examiner** for D1 and D3 dental students at various universities throughout the country in areas of oral pathology and dental anatomy through written exams, OSCEs, and viva voce formats. **June 2015–May 2018**
- All India **1st prize for poster presentation** at 10th National Post Graduate Convention, Indian Association of Oral and Maxillofacial Pathology, Coorg **June 2010**

HONOR SOCIETY MEMBERSHIPS/FELLOWSHIPS NOMINATIONS

- Pierre Fauchard Academy---Accepted
- Sigma Xi---Accepted
- International College of Dentists---nominated and waiting for decision
- American College of Dentists--- nominated and waiting for decision
- Academy of Dentistry International--- nominated and waiting for decision

LEADERSHIP ACTIVITIES

CODA Accreditation Representative for *International Dentist Program Class of 2020, UCSF School of Dentistry, San Francisco, CA* **July 2018–May 2020**

Served as the official liaison between the IDP Class of 2020 and the school's CODA accreditation committee, facilitating precise and timely communication. Identified and reported students concerns and feedback about clinical workflow challenges to ensure alignment with CODA standards. Collaborated with faculty and administrators to implement corrective measures, improving clinical and academic systems in preparation for site visits. Contributed to the school's successful CODA re-accreditation **with no reporting requirements**, underscoring the effectiveness of collaborative efforts.

Member of Organizing Committee, 15th National Conference of Indian Association of Forensic Odontology, Bangalore, September 2017

Worked as conference coordinator, raising grants from Rajiv Gandhi University of Health Sciences and other sponsors totaling 200,000 rupees. Coordinated all aspects of the conference, including the inaugural ceremony, planning and execution of the banquet, and served as Master of Ceremonies for the post-conference workshop. Implemented an effective marketing strategy, utilizing social media and email campaigns to increase attendance and participant engagement. Recognized for exemplary teamwork and leadership, contributing to the conference being acknowledged as a grand success.

Member of the Board of Faculty of Dentistry, Rajiv Gandhi University of Health Sciences, Bangalore, India March 2017–March 2018

Responsibilities included reporting & recommending changes involving the organization of teaching, training, research, and examinations related to the dental faculty. Suggested a comprehensive shift in the pattern of residency exams, which was aimed at improving assessment methodologies to reflect clinical competencies better. Recommended the implementation of computerized posting of examiners to ensure a transparent and unbiased conduct of practical exams, increasing trust in the assessment process. Promoted online access to journals for undergraduates to cultivate a scientific temper and facilitate research awareness from the early stages of education. Played a key role in shaping institutional reforms that aligned with modern academic standards and improved operational transparency.

Interim Chair, Department of Oral Pathology, Dayananda Sagar College of Dental Sciences, Bangalore, India May 2014– February 2015

Responsibilities included organizing teaching schedules, work allotment to colleagues, biopsy reporting, assigning projects to D1 & D3 dental students, remedial classes for slow learners, and serving as an examiner for D1 and D3 students. There was an increase in pass rates of dental students to an **all-time high of 97%** during my tenure.

VOLUNTEER & COMMUNITY EXPERIENCE

Community Dental Clinic, UCSF School of Dentistry, Ca July 2018– May 2020

Provided high-quality, compassionate dental care to underserved and homeless populations in San Francisco County, as part of UCSF's community outreach initiatives. Delivered a full range of procedures, including comprehensive oral examinations, oral prophylaxis, fillings, crown preparations, simple and surgical extractions, and complete and partial dentures. Contributed to reducing oral health disparities by promoting prevention-based care and continuity of treatment for vulnerable populations.

California Dental Association Cares, Modesto, Ca October 2018

Provided pro bono dental care to underserved populations of the Central Valley, including extractions, fillings, and oral prophylaxis, as part of a large-scale public health outreach event. Offered oral health education and preventive counseling to patients with limited access to regular dental care. Demonstrated commitment to community service and improving access to oral healthcare for vulnerable populations.

Give Kids a Smile Day, at UCSF Dental Center, Ca**February 2019**

Provided free dental care to underserved children in San Francisco County as part of a national initiative to improve pediatric oral health. Performed preventive and basic restorative services, including exams, cleanings, fluoride treatments, and oral hygiene instruction. Educated children and caregivers on the importance of oral health in overall well-being, school performance, and long-term development.

Oral Cancer screening and awareness camp, Bangalore, India**May 2017**

Volunteered in a large-scale community outreach initiative conducted as part of World No Tobacco Day, targeting over 1,000 daily commuters and members of the public. The camp was conducted at the Banashankari bus terminus for commuters and the public. Through talks, play, and pamphlets, they were apprised of the ill effects of tobacco consumption. Screening was also successful in diagnosing precancerous and tobacco-related lesions, with treatment rendered at the dental school.

CAMHADD (Commonwealth Association for Mental Handicap & Developmental Disabilities)**May 2016**

The main objective is to prevent brain damage due to birth asphyxia by promoting institutional deliveries. Promoting healthy city initiative by reinvigorating the famed **Bangalore Model** by reviving **preventive cardiology, ophthalmology, and dental screening clinics for the urban poor** in collaboration with **WHO & Tri Sector** partners to realize the utopian goal of **'Health for all as a fundamental right'**

Dayananda Sagar College of Dental Sciences, Bangalore, India**May 2014**

- Attended various dental camps in underserved areas, providing free dental checkups, health education, and treatment, including extractions, restorations, and oral cancer screening.
- Marathon to disseminate the awareness of Breast Cancer.
- World Health Day celebrations by organizing a debate among students on Nutrition & Health

V S Dental College & Hospital, Bangalore, India**2006 – 2009**

Organized and attended dental camps at public health centers in rural and underserved areas. Provided free dental checkups, health education, and treatment, including extractions, restorations, and dentures.

LICENSURE & PROFESSIONAL MEMBERSHIPS

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| • American Society of Dental Anesthesiologists | July 2024 |
| • American Dental Association | June 2020 |
| • California Dental Association | August 2018 |
| • Texas Dental Association | August 2021 |
| • American Student Dental Association | August 2018 |
| • San Francisco Dental Society | August 2018 |

- Academy of General Dentistry August 2018
- Indian Association of Forensic Odontology September 2017
- Board of Faculty of Dentistry, RGUHS, Bangalore March 2017
- CAMHADD (Commonwealth Association) May, 2016
- Indian Association of Oral and Maxillofacial Pathologists May 2010
- Indian Dental Association May 2008