

# Jessica M. Latimer, DDS, DMSc

## EDUCATION

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- 2020 – 2024**      **Doctor of Medical Sciences (D.M.Sc.) in Oral Biology**  
Thesis: “Abaloparatide to Treat Alveolar Bone Loss for Dental Implant Reconstruction”  
Awarded Honors. Mentor: Dr. William Giannobile  
Harvard School of Dental Medicine (HSDM), Boston, MA.
- 2020 – 2024**      **Specialization in Periodontology**  
Harvard School of Dental Medicine, Boston, MA. Certificate.
- 2020**              **Doctor of Dental Surgery (D.D.S.)**  
University of Washington School of Dentistry (UWSOD), Seattle, WA.  
Graduated in top 10% of class as an inducted member of Omicron Kappa Upsilon Honor Society.
- 2014**              **Bachelor of Science (B.S.) in Molecular, Cellular, & Developmental Biology**  
University of Washington (UW), Seattle, WA.

## LICENSURE

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- 2021 – Present**      Massachusetts Dental License: DN1858880, NPI: 1760078307  
Active DEA License
- 2020 – Present**      American Heart Association, Advanced Cardiovascular Life Support (ACLS)

## EMPLOYMENT

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- 2024 – Present**      **Part-Time Lecturer**, Department of Oral Medicine, Infection and Immunity. Harvard School of Dental Medicine.
- 2024 – Present**      **Associate Periodontist**, Andover Periodontics. Andover, MA.
- 2024 – Present**      **Associate Periodontist**, Dental Associates. Quincy, MA.

## AWARDS & HONORS

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- 2024**              **American Academy of Periodontology, Basic Science, Balint Orban Memorial Competition Finalist**  
1 of 4 finalists in the basic science division of the premier competition for resident research.
- 2024**              **Harvard School of Dental Medicine, Henry D. Epstein Award**  
Periodontology Faculty vote to select a resident from the graduating class who emulates the character of Dr. Epstein, “a remarkable mentor, collaborator, teacher, clinician and friend.”
- 2021**              **Harvard University, Presidential Scholarship**  
To support academically talented students that demonstrate commitment to public service.

# Jessica M. Latimer, DDS, DMSc

- 2021 American Academy of Periodontology, Nobel Biocare Student Travel Scholarship**  
Given to support student members attendance of the annual meeting.
- 2021 International Association for Dental Research, Young Investigator's Research Award, 2<sup>nd</sup> Place**  
2<sup>nd</sup> place finalist in the competition hosted by the Implantology Research Group.
- 2020 American Academy of Periodontology, Clinical Science Award, Research Forum Poster Session**  
Given to 1 of 4 finalists in the clinical research division of the poster competition.
- 2020 American Academy of Periodontology, Clinical Impact Award, Research Forum Poster Session**  
Given to 1 of 8 finalists in the basic or clinical research divisions, whose research has the greatest potential for changing and improving periodontal health and patient care.
- 2020 Harvard School of Dental Medicine, Division of Periodontology Fellowship**  
Given for academic achievement and potential to excel in the profession.
- 2020 Omicron Kappa Upsilon National Dental Honor Society, Certificate of Achievement**  
Ranked top 10% of the graduating class and granted Sigma Sigma chapter membership.
- 2020 American Academy of Periodontology, Dental Student Award**  
Given to a graduating senior who displays the highest level of academic and clinical achievement related to periodontics.
- 2020 American Academy of Esthetic Dentistry, Dental Student Award**  
Given to the student who has demonstrated the most clinical proficiency and interest in esthetic dentistry.
- 2020 UW Periodontics, Robert Johnson Award for Excellence in Periodontology**  
Given to a dental student who has demonstrated excellence in the study of periodontics.
- 2020 Academy of General Dentistry, Howard Competition, 2<sup>nd</sup> Place**  
Finalist in the case competition for presentation of original clinical research.
- 2019 Aseptico Incorporated, Dental Trade Alliance Foundation Scholarship**  
Recognized for academic excellence in dentistry and commitment to community service.
- 2019 Oral Health Foundation, Pierre Fauchard Academy Dental Student Scholarship**  
Awarded to a student that demonstrates great potential for developing into an outstanding leader in the profession of dentistry.
- 2019 UW School of Dentistry, Dental Alumni Association Scholarship**  
Awarded for academic performance and overall achievement at the UWSOD.
- 2018 UW School of Dentistry, Stephen M. Talbot Memorial Scholarship**  
To support a predoctoral student who demonstrates a true generosity of spirit - through active service to the community, putting other first, and a desire to engage in organized dentistry.

# Jessica M. Latimer, DDS, DMSc

- 2018 American Dental Association Foundation, Dental Student Scholarship**  
To recognize dental students who are strong academically and who demonstrate outstanding promise in leadership, public service/volunteerism, and/or research. One of seven students selected nationally.
- 2018 American Dental Education Association, Preventive Dentistry Scholarship**  
To support predoctoral students who have demonstrated academic excellence in preventive dentistry. One of twelve students selected nationally.
- 2018 UW School of Dentistry, J.O. Ball Scholarship**  
To provide financial assistance for upper division students attending the UWSOD.
- 2018 UW Medical Center, Martin Luther King Jr. Community Service Award**  
To honor individuals who exemplify MLK Jr.'s principles through creating a community where individuals can empower themselves, as well as developing programs to improve the human condition.
- 2017 UW Dental Class of 1951 Legacy Endowed Student Scholarship**  
For a student whose academic achievements, creative excellence, and outstanding performance puts them at the top of their class.
- 2016 American Student Dental Association, National Leadership Conference Sponsorship**  
Sponsored to attend the national leadership conference and participate in national initiatives in organized dentistry.
- 2013 Mary Gates Foundation, Leadership Scholarship**  
Recognized for community service leadership in the Greater-Seattle Asian-American community.

## RESEARCH EXPERIENCE

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- 2020 – Present Research Collaborator, Laboratory of William V. Giannobile, DDS, MS, DMSc. Harvard School of Dental Medicine.**  
Research areas: Bone regeneration, implantology, preclinical models, medical-dental integration
- 2019 – 2021 Research Collaborator, Laboratory of Diane M. Daubert, RDH, MS, PhD. UW School of Dentistry.**  
Research areas: Peri-implant diseases, biologic and prosthetic risk factors
- 2018 – 2021 Research Collaborator, Laboratory of Georgios A. Kotsakis, DDS, MS. UT Health San Antonio.**  
Research areas: Implantology, alveolar bone pathophysiology, diabetes mellitus
- 2018 – 2020 Research Intern, UW Timothy A. DeRouen Center for Global Oral Health**
- 2017 – 2019 Research Assistant, Ana L. Seminario, DDS, PhD, MPH. UW Center for Pediatric Dentistry**

**PUBLICATIONS**

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Kalani K, Stuhr S, Alrmali A, Mallela D, **Latimer J**, Wang HL, Saleh M. Reconstructive Peri-implant Site Development throughout an Implant Life Cycle. A Retrospective Study. Accepted by Journal of Oral & Maxillofacial Implants. 2025 Jan 21.

**Latimer JM**, Feher B, Shiba T, Fretwurst T, Sugai J, Kostenuik P, Mitlak B, Lanske B, Giannobile W. Abaloparatide Enhances Alveolar Bone Regeneration in Extraction Socket Dental Implant Defects. 2025 Jan 9. doi: 10.1111/clr.14397.

**Latimer JM**, Maekawa S, Shiba T, Fretwurst T, Chen M, Larsson L, Sugai J, Kostenuik P, Mitlak B, Lanske B, Giannobile W. Healing sequelae following tooth extraction and dental implant placement in an aged, ovariectomy model, JBMR Plus, Volume 8, Issue 10, October 2024. doi: 10.1093/jbmrpl/ziae113.

**Latimer JM**, Travan S, Berkey F, Giannobile W. Physician-dentist dual referral model concept for coordinated bone anabolic therapy. J Am Dent Assoc. 2024 Oct 4:S0002-8177(24)00478-1. doi: 10.1016/j.adaj.2024.08.009.

Urban IA, Di Martino M, Rangel R, **Latimer JM**, Forster A, Tavelli L. Inter-implant Papilla Reconstruction using the Iceberg and 'Garage' Connective Tissue Graft Technique. A Case Report and Technique Illustration. Int J Periodontics Restorative Dent. 2024 Jul 26;0(0):1-15. doi: 10.11607/prd.7179.

Alrmali A, Stuhr S, Saleh MHA, **Latimer JM**, Kan J, Tarnow DP, Wang HL. A decision-making tree for evaluating an esthetically compromised single dental implant. J Esthet Restor Dent. 2023 Jul 14. doi: 10.1111/jerd.13100.

Do JH, **Latimer JM**, Nguyen TT. Multiple Subperiosteal Sling Sutures for Connective Tissue Graft Stabilization in the Treatment of Multiple Recession Defects Utilizing Subperiosteal Tunnels via VISTA and Intrasulcular Access. International Journal of Periodontics & Restorative Dentistry. 2023 May-Jun;43(3):379-385. doi: 10.11607/prd.5809.

Duffy JM, **Latimer JM**, Fried RM, Dragan IF. Minimally Invasive Coronally Advanced Flap Techniques for Correction of Gingival Recession Defects: A Review. Compend Contin Educ Dent. 2023 Jan;44(1):36-41.

Shahzad Dowlathshahi M, Anoosh G, Alania J, **Latimer JM**. Crown Lengthening Techniques and Modifications to Treat Excessive Gingival Display. Dent Clin North Am. 2022;66(3):361-372. doi:10.1016/j.cden.2022.03.002

Wu, DT, Raof S, **Latimer JM**, Nguyen TT. Partial Extraction Therapy: A Review of Human Clinical Studies. Quintessence International. Dec 22, 2021. doi:10.1563/aaid-joi-D-21-00095

**Latimer JM**, Roll KL, Daubert DM, Zhang H, Shalev T, ABCD Study Collaborators, Wolff LF, Kotsakis GA. Clinical Performance of Hydrophilic Dental Implants in Patients with Well-Controlled and Poorly-Controlled Type 2 Diabetes Mellitus: One-year Results of a Dual-Center Cohort Study. Journal of Periodontology. 2021 Nov 5. doi: 10.1002/JPER.21-0015.

Bosco, AF, Almeida JM, Retamal-Valdes B, Tavares R, **Latimer JM**, Messina D, Henke M, Gantes L, Martins TM. Laterally Positioned Flap with Subepithelial Connective Tissue Graft. Modified One-stage Procedure for the Treatment of Deep Isolated Gingival Recessions in Mandibular Incisors: Three Case Reports. Case Reports in Dentistry. 2021 Aug 6. doi.org/10.1155/2021/2326152

# Jessica M. Latimer, DDS, DMSc

**Latimer JM**, Maekawa S, Yao Y, Wu DT, Chen M, Giannobile WV. Regenerative Medicine Technologies with Bioresorbable Scaffolds to Treat Dental, Oral, and Craniofacial Defects. *Frontiers, Biomaterials*. 2021 Aug 6. doi:10.3389/fbioe.2021.704048

Huynh AV, **Latimer JM**, Daubert DM, Roberts FA. Integration of a New Classification Scheme for Periodontal and Peri-implant Diseases through Blended Learning. *Journal of Dental Education*. 2021 Jul 15. doi: 10.1002/jdd.12740.

Gharpure AS, **Latimer JM**, Kahng HJ, Aljofi FE, Daubert DM. Role of Thin Gingival Phenotype and Inadequate Keratinized Mucosa Width (< 2 mm) as Risk Indicators for Peri-implantitis and Peri-Implant Mucositis. *J Periodontol*. 2021 Apr 15. doi: 10.1002/JPER.20-0792.

**Latimer JM**, Gharpure AS, Kahng HJ, Aljofi FE, Daubert DM. Interproximal open contacts between implant restorations and adjacent natural teeth as a risk-indicator for peri-implant disease – a cross-sectional study. *Clinical Oral Implants Research*. 2021 Feb 25. doi: 10.1111/clr.13730.

Seminario AL, Jumani K, Velan E, Scott JM, **Latimer JM**, Schroth RJ. Suboptimal Serum Vitamin D Associated with Early Childhood Caries in Children with Special Care Needs. *J Dent Child (Chic)*. 2018 Sep 15;85(3):93-101.

## **TEXTBOOK CHAPTERS**

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Chapter 6. Recombinant growth factors and novel graft constructs for oral bone tissue engineering. Craig Misch's Horizontal and Vertical Bone Augmentation for Dental Implant Therapy. Quintessence Publishing, Batavia, IL. Lorenzo Tavelli, **Jessica Latimer**, Shogo Maekawa, Chia-Yu Chen, David Kim, Hom-Lay Wang, William V. Giannobile. 2023; 1-28.

## **PRESENTATIONS**

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**Latimer JM**. The Winner's Circle. Invited speaker at: 2022 AAP Annual Meeting; 2022 October 30.

**Latimer JM**. Rising Stars in Peri-implantitis Research: Novel Clinical Research Advances. Invited speaker at: 2022 AADOCR/CADR Annual Meeting & Exhibition; 2022 March 3.

**Latimer JM**, Daubert DM, Wolff L, Kovacs K, Kotsakis GA. Alveolar Bone Pathophysiology and Implant Performance in Type 2 Diabetes. Invited for oral presentation at: 2021 IADR/AADR/CADR General Session. Session Title: Implantology Research I. Osseointegration, bone regeneration and implant disease; 2021 July 23.

**Latimer JM**. Interproximal open contacts between implants and natural teeth: a risk indicator for peri-implant disease. Invited speaker at: 2021 5th International Congress of the CiiEM, Thematic Session C – Dentistry and Clinical Research; 2021 June 18.

**Latimer JM**, Gharpure AS, Kahng HJ, Aljofi FE, Daubert DM. Interproximal open contacts between implant restorations and adjacent natural teeth as a risk-indicator for peri-implant disease – a cross-sectional study. Presented at: 2020 American Academy of Periodontology Virtual Annual Meeting, Research Forum Poster Competition; 2020 Oct 3.

# Jessica M. Latimer, DDS, DMSc

Gharpure AS, **Latimer JM**, Kahng HJ, Aljofi FE, Daubert DM. The Role of Thin Gingival Phenotype and Inadequate Keratinized Tissue Width (< 2 mm) as Risk-Indicators for Peri-implant Disease. Presented at: 2020 American Academy of Periodontology Virtual Annual Meeting, Balint Orban Memorial Competition; 2020 Oct 3.

**Latimer JM**, HV Ashley, Giardino MA, Daubert DM, Roberts FA. Teaching Predoctoral Students the Classification System. Presented at 2019 American Academy of Periodontology Annual Meeting, Predoctoral Program Directors Meeting; 2019 Nov 2; Chicago, IL.

Roll KL, Kotsakis GA, Zhang H, Thieu K, Hemmerich C, Wolff LF, Shalev T, **Latimer JM**, Eftekhari M. Alveolar Bone Changes in Diabetes. Presented at: 2019 Academy of Osseointegration 34th Annual Meeting; 2019 Mar 15; Washington, DC. Awarded “Best Oral Clinical Presentation”. Presented at: 2018 American Academy of Periodontology Annual Meeting; 2018 Oct 26; Vancouver B.C., Canada. Awarded “Balint Orban Memorial Award for Clinical Research”

## **INVITED LECTURES**

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Lecture for Department of Oral Surgery, Heinrich Heine University, Dusseldorf Germany titled “The Science of Soft Tissue Grafting”. 2025 Feb 12.

## **PUBLISHED ONLINE COURSES**

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Kotsakis, GA, **Latimer JM**, Mills, MP. Immunological and Inflammatory Aspects of Periodontal Disease. 2021 Aug 11.  
<https://www.dentalcare.com/en-us/professional-education/ce-courses/ce1>

**Latimer JM**, Daubert DM, Giardino M, Roberts F. Diagnosis, Staging, and Grading of Periodontitis. 2020 Oct 1.  
<https://www.softchalkcloud.com/lesson/serve/ZcWmrRIMqICQG7/html>

## **TRAINING & SKILLS**

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**Moderate Sedation**, Harvard Medical School Continuing Education Programs, Boston, MA. September 29<sup>th</sup>, 2023.

**Soft Tissue Substitutes Workshop** with Dr. Robert Levine, HSDM, Boston, MA. August 30<sup>th</sup>, 2023.

**Management of Peri-implantitis and Platelet-Rich Fibrin Workshop** with Dr. Maria-Elisa Galarraga, HSDM, Boston, MA. August 15<sup>th</sup>, 2023.

**Horizontal and Vertical Ridge Augmentation** with Dr. Istvan Urban, HSDM, Boston, MA. April 19<sup>th</sup>, 2023.

**Immediate Dentoalveolar Restoration Workshop** with Dr. Carlos Rosa, HSDM, Boston, MA. March 20<sup>th</sup>, 2023.

**GEM21S Workshop for Root Coverage/Soft tissue Augmentation and Periodontal Regeneration/Bone Augmentation** with Drs. Paul Rosen, Jeffrey Ganales, Michael Sonick, and Lorenzo Tavelli. Boston, MA. June 10<sup>th</sup>, 2022.

**Er,Cr:YSGG Laser Training: World Clinical Laser Institute Certified Training Course and Associate Fellowship**, Dallas, TX. April 22-23<sup>rd</sup>, 2022

# Jessica M. Latimer, DDS, DMSc

**Osteology Research Academy**, HSDM, Boston, MA. October 4-7<sup>th</sup>, 2021.

**IV Sedation Training and Hands-on** with Dr. Joshua Jackstein, HSDM, Boston, MA. August 2-6<sup>th</sup>, 2021. 45 lecture hours.

**Versah Hands-On Training** with Dr. Salah Huwais, HSDM, Boston, MA. March 24<sup>th</sup>, 2021.

## PEER REVIEW

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**2024 – Present** Peer Reviewer, Journal of Periodontal Research  
**2022 – Present** Peer Reviewer, Clinical Advances in Periodontics  
**2022 – Present** Peer Reviewer, Clinical Implant Dentistry and Related Research  
**2022 – Present** Peer Reviewer, Clinical and Experimental Dental Research  
**2022 – Present** Peer Reviewer, Journal of Biological Engineering  
**2022 – Present** Peer Reviewer, Journal of Dental Education  
**2021 – Present** Peer Reviewer, Oral B Dental Continuing Education Courses  
**2021 – Present** Review Editor, Frontiers in Oral Health, Section: Oral Infections and Microbe

## TEACHING EXPERIENCES

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**2024 – Present** Course Director, PER 601/701/801, Periodontal Therapy, HSDM, Boston, MA  
**2024 – Present** Clinical Attending, Graduate Periodontics Clinic, HSDM, Boston, MA  
**2022 – Present** Clinical Attending, Predoctoral Periodontics Clinic, HSDM, Boston, MA  
**2022 – Present** Teaching Assistant, SDM 244C, Treatment of Active Disease, HSDM, Boston, MA  
**2019 – 2020** Peer Mentor, RESD 655, Restorative Dentistry, UWSOD, Seattle, WA  
**2019 – 2020** Teaching Assistant, DENTCL 632, Periodontics Clerkship, UWSOD, Seattle, WA  
**2018 – 2020** Student Lead, ORALM 651, Health and Homelessness, UWSOD, Seattle, WA  
**2018 – 2019** Teaching Assistant, OHS 201, Planning a Career in Dentistry, UWSOD, Seattle, WA  
**2019** Instructor, Empowering Youth, Big Bend Community College, Moses Lake, WA; Apr 14, 2019  
**2019** Instructor, College Success Foundation, Tacoma, WA; Mar 23, 2019  
**2018** Instructor, Community Health Professions Academy, Seattle, WA; Feb 10, 2018  
**2017** Instructor, Summer Health Professions Education Program, Seattle, WA; Jul 18/25, 2017

## MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

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**2025 – Present** Scientific Co-Chair, Merrimack Valley District Dental Society  
**2020 – Present** Mentor, American Association for Women Dentists, HSDM Chapter  
**2020 – Present** Omicron Kappa Upsilon National Dental Honor Society (Top 10% of dental school class)  
**2018 – Present** American Academy of Periodontology (AAP)  
**2018 – Present** Academy of Osseointegration  
**2017 – Present** American Association for Dental Research, International Association for Dental Research  
**2016 – Present** American Dental Education Association  
**2016 – Present** American Dental Association

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## COMMITTEES

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**2024 – Present**            **Innovation Advisory Council (IAC), AAP**  
**2024 – Present**            **Predoctoral Admissions Committee, HSDM**

## LEADERSHIP EXPERIENCES

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**2023 – Present**            **Leadership Team Member, National Osteology Group (NOG) – United States of America**  
**2021 – Present**            **Member, American Academy of Periodontology (AAP) Connect Workgroup**  
**2020 – 2021**              **Postgraduate Education Chair, American Dental Education Association (ADEA), District 1**  
**2019 – 2020**              **Director, UW Chapter of the National Student Research Group (NSRG)**  
**2018 – 2019**              **Regional Representative, Northwest, American Association for Dental Research (AADR) NSRG**  
**2019 – 2020**              **Curriculum Representative and Education Chair, ADEA, UW Chapter**  
**2017 – 2020**              **Founding President, UW Periodontics Dental Student Interest Group**  
**2016 – 2020**              **Co-founder and Director of Relief Efforts, Husky Health Bridge, 501(c)(3)**