

Curriculum Vitae

BRITTNEY FERGUSON,
DDS, MS



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EDUCATION

Postgraduate Training	UT School of Dentistry at Houston Houston, TX Master of Science in Dentistry, Oral Biology Certificate in Periodontics	July 2016-June 2019
Graduate Education	UT School of Dentistry at Houston Houston, TX Doctor of Dental Surgery	August 2012-May 2016
Undergraduate Education	Texas Tech University Lubbock, TX Dual Bachelor Degree Major: BS Biology Major: BA Psychology Minor: Chemistry	Fall 2008-Spring 2012
	Baylor University Waco, TX Major: B.S. Psychology, Pre-Dental	Fall 2007-Spring 2008
High School Education	Franklin High School El Paso, TX High School Diploma	May 2007

LICENSE STATUS

Colorado Dental License License Number: 00204013	April 2019-present
Texas Dental License License Number: 33516	Sept 2017-October 2019
American Academy of Periodontology Diplomate	October 2021-present

WORK EXPERIENCE

McClain & Schallhorn Periodontics, Aurora, Colorado Title: Associate Periodontist Private practice limited to periodontal treatment and implant therapy	August 2021-Present
Associates in Periodontics, Fort Collins, Colorado Title: Associate Periodontist	July 2020-August 2021

Private practice limited to periodontal treatment and implant therapy

In House Periodontics, Denver, Colorado

August 2019-May 2020

Title: Associate Periodontist

Mobile & private practice limited to periodontal treatment and implant therapy

AWARDS

Selected to participate in the Osteology Foundation Hack-a-thon	October 2022
Straumann AAP Annual Meeting Scholarship	November 2020
Balint Orban Memorial Award - Clinical Science	November 2019
Caffesse Scholarship	Spring 2017, 2018
AAP Group In-Service Award Scholarship	Spring 2017, 2018, 2019
AAP In-Service Award Scholarship, Highest Overall Exam Score	Spring 2018
Quintessence Award for Clinical Achievement in Periodontics	April 2016
\$26,000 Provost's Scholarship, Baylor University	Fall 2007

ACADEMIC HONORS

Graduated Top 15% of Biological Sciences Department Texas Tech University, Outstanding Senior	May 2012
Texas Tech University Dean's List (GPA of 3.5 or better)	Spring 2009, 2012
Texas Tech University Presidential Honors List (GPA 4.0)	Fall 2008, 2009, 2011 Spring 2010, 2011
Graduated Top 10% of Franklin High School 2007	May 2007

PROFESSIONAL AFFILIATIONS

Member of the American Dental Association	2016-present
Member of the American Academy of Periodontology	2016-present
Member of the Southwest Society of Periodontists	2016-present
Member of the Greater Houston Society of Periodontists	2016-present
Member of the Colorado Dental Association	2019-present
Member of the Metro Denver Dental Society	2019-present
Member of the BOX for Osteology Foundation	2022-present

SERVICE/VOLUNTEER EXPERIENCE

Texas Mission of Mercy (TMOM), UTSD	Spring 2014
Give Kids a Smile (GKAS), UTSD	Spring 2014, 2015, 2016
Houston Easter Thrillfest, UTSD	Spring 2015
Phi Beta Kappa Monthly Service Projects, Texas Tech University	2010-2012
Veterans Smile Day, Serving Those Who Have Served	November 2015
UTSD Dental Van, Hurricane Harvey	August 2017

CONTINUING EDUCATION

American Academy of Periodontology Annual Meeting	2017-2021
Versah Osseodensification World Symposium	January 2019
Nelson R Pinto, L-PRF and the Intraspin System	June 2019
Wilckodontics (PAOO) Course Certification	October 2022

RESEARCH EXPERIENCE

Undergraduate Research: Assistant Spring 2010 & 2012
Behavioral Pharmacology Laboratory – Directed by Dr. L. Cohen, Ph.D.

1. **The Effect of Opiates on Nicotine Withdrawal in Chronic Pain Patients**
Primary Investigator: Catherine Filtz, Master's Thesis Equivalent
Texas Tech University, Psychology Department
2. **Chronic Pain and Smoking: The Elucidation of a Synergistic Relationship**
Primary Investigator: David Trotter, Dissertation
Texas Tech University, Psychology Department
3. **Cigarette Smoking: Attentional Mediation of Anxiety as a Predictor of Nicotine Withdrawal Severity**
Primary Investigator: Holly Morrell, Dissertation
Texas Tech University, Psychology Department
4. **EDC Effects on the Endocrine Stress Axis and Reproduction**
Primary Investigator: James Carr, Ph.D.
Texas Tech University, Biological Sciences Department

Graduate Research: Student Research Program Summer 2014
The University of Texas School of Dentistry at Houston

1. **Characterization of virulence and antibiotic resistance of *Enterococcus faecalis* isolates from secondary endodontic and periodontal infections**
Faculty sponsor: Dr. Ransome van der Hoeven

Post-Graduate Research: Post-Graduate Thesis Research 2016-2019
The University of Texas School of Dentistry at Houston
MSD Oral Biology

1. **Profiling Specialized Pro-Resolving Lipid Mediators and their Receptors in Periodontal Inflammation**
Primary faculty: Dr. Chun-Teh Lee

Private Practice/Clinical Research 2022-present
McClain & Schallhorn Periodontics & Implant Dentistry
iMc: The McGuire Institute

1. **A prospective, multicenter, non-randomized, controlled clinical study utilizing non-guided vs guided surgery to immediately loaded Primetaper implants in partially edentulous patients: Dentsply DS2021-01. Start date March 2022.**

PRESENTATIONS

1. **Brittney Ferguson**, Mbachan Okwen, Peter DiFiore, Ransome van der Hoeven. Characterization of virulence and antibiotic resistance of *Enterococcus faecalis* isolates from secondary endodontic and periodontal infections. Poster accepted to the 2015 annual meeting of the **International Association for Dental Research (IADR)**, Boston, MA.
2. **Brittney Ferguson**, Mbachan Okwen, Peter DiFiore, Ransome van der Hoeven. Characterization of virulence and antibiotic resistance of *Enterococcus faecalis* isolates from secondary endodontic and periodontal infections. Poster and presentation accepted to the 2014 annual meeting of the **Summer Research Symposium at The University of Texas School of Dentistry at Houston**, Houston, TX.

3. Mbachan Okwen, **Brittney Ferguson**, Brian Minavi, Gena Tribble, Peter DiFiore and Ransome van der Hoeven. Characterizing the virulence and susceptibility to antibiotics in clinical isolates of *Enterococcus faecalis*. American Association of Endodontics Annual Session, Seattle, WA. May 2015.
4. **Brittney Ferguson**, Nishantha R Bokka, Krishna Rao Maddipatti, Srinivas Ayilavarapu, Robin Weltman, Lisha Zhu, Wdnjin Zheng, Nikola Angelov, Thomas Van Dyke, Chun-Teh Lee. Profiling specialized pro-resolving lipid mediators and their receptors in periodontal inflammation. **American Academy of Periodontology Annual Session, Balint Orban Memorial Program**, Chicago, IL. November 2019.
Winner: **Balint Orban Memorial Award – Clinical Science (2019)**
5. **Brittney Ferguson**. Reviewing the proceedings from the 2017 World Workshop Classification. In House Periodontics Continuing Education Course. Denver, CO. January 2020.
6. **Brittney Ferguson**. Soft Tissue Grafting Review. Willow Creek Dental Specialty Center Continuing Education Course. Greenwood Village, CO. November 2021.
7. **Brittney Ferguson**. Winner’s Circle Presentation: Profiling specialized pro-resolving lipid mediators and their receptors in periodontal inflammation. American Academy of Periodontology Annual Session, Miami, FL. November 2021.
8. **Brittney Ferguson**, Aceta Martinez, Eswar Kandaswamy, Jennifer Chang, Shayan Barootchi. Osteology Foundation Oral Regeneration Hack-a-thon presentation & discussion. October 2022.

PEER REVIEWED ARTICLES

1. **Ferguson B**, Bokka NR, Maddipati KR, Ayilavarapu S, Weltman R, Zhu L, Chen W, Zheng WJ, Angelov N, Van Dyke TE, Lee C-T. Distinct profiles of specialized pro-resolving lipid mediators and corresponding receptor gene expression in periodontal inflammation. *Frontiers in Immunology* 2020, 11:1307.
2. Soldatos N, Al Ramli R, Nelson-Rabe L, **Ferguson B**, Soldatos K, Weltman R. Vertical ridge augmentation (VRA) with the use of a cross-linked resorbable membrane, tenting screws, and a combination grafting technique: a report of three cases. *Quintessence International* 2020(Oct):2-13.
3. Lee C-T, Li R, Zhu L, Tribble GD, Zheng WJ, **Ferguson B**, Maddipati KR, Angelov N, Van Dyke TE. Subgingival microbiome and specialized pro-resolving lipid mediator pathway profiles are correlated in periodontal inflammation. *Frontiers in Immunology* 2021; 12:691216.