

Benjamin Smith, DMD, ScM, MMSc Diplomate, American Board of Orthodontics

Drbensmith@nevinsdentalcenter.com

EDUCATION

Harvard School of Dental Medicine, Boston, MA July 2019 – May 2022

- Postgraduate training, Certificate in Orthodontics, Master of Medical Science (MMSc, Oral Biology) '22

Tufts University School of Dental Medicine, Boston, MA August 2015 – May 2019

- D.M.D., graduated Summa Cum Laude (3rd overall), inducted into Omicron Kappa Upsilon Society

Johns Hopkins University School of Public Health, Baltimore, MD August 2010 – June 2012

- ScM in Reproductive and Cancer Biology in the Department of Biochemistry and Molecular Biology
- Completed a research-based thesis on the “Changes in Expression of ZBTB16 and Stra8 in Stem and Other Undifferentiated Spermatogonia during Inhibition of GDNF Signaling”

Harvard University, Cambridge, MA September 2006 – May 2010

- B.A. in Psychology – Social and Cognitive Neuroscience track, Language Citation in Spanish

WORK EXPERIENCE

Orthodontist, North Attleboro Orthodontics (North Attleboro, MA) & Nevins Dental Center (Boston, MA) June 2023 – Present

Orthodontist, Simply Orthodontics (Worcester, MA & Graton, MA) June 2022 – June 2023

Teaching Assistant, Diagnosis & Treatment Planning, HSDM January 2022 – March 2022

Assistant Course Director, Introduction to Dentistry, TUSDM February 2018 – May 2019

Teaching Assistant, Dental Anatomy/Craniofacial Function I, TUSDM August 2016 – November 2018

Head Assistant Coach/Defensive Coordinator, Harvard University Men's Lacrosse July 2012 – July 2015

- Mentored 45 student athletes on and off the field; 2014 IVY League Champions (First since 1990)

Teaching Assistant, Molecular Biology of Pandemic Influenza, JHSPH October 2011 – December 2011

PUBLICATIONS

Research Investigations:

Co-Author, Biology of Reproduction August 2014

- Parker N., Falk H, Singh D, Fidaleo A, **Smith B**, Lopez MS, Shokat KM, Wright WW. Responses to glial cell linederived neurotrophic factor change in mice as spermatogonial stemcells form progenitor spermatogonia which replicate and give rise to more differentiated progeny. Biol Reprod. 2014 Oct; 91(4):92.

Abstracts, Poster Presentation and Exhibits Presented at Professional Meetings:

Primary Author, Bates Research Day/ADEA Convention (Orlando, FL) March 2018

- Completed a research project on the “Perspective on the Use of Learning Catalytics in the Curriculum”
- Presented at Bates Research Day (2018 & 2019) and the ADEA Convention in Orlando, FL (March, 2018)
- Worked directly with current TUSDM Dean, Dr. Nadeem Karimbux, D.M.D, M.M.Sc, Dr. Irina Dragan, D.D.S., M.S., Sarah E. Pagni, Ph.D., and Jennifer Murphy, MS Ed.

Co-Author, Bates Research Day March 2017

- Presented academic research on “The Use of Student-Response Systems in the Dental School Curriculum”

Primary Author, Massachusetts General Hospital, Medicine-Cardiac November 2012

- **B.D. Smith**, B.P Dhakal, R. Murphy, D. Cocca-Spofford, M. Semigran, and G.D. Lewis. Relationship between Ventilatory Efficiency and Functional Capacity in Patients with Heart Failure with Preserved Ejection Fraction. CVRC, MGH, Boston, MA, USA and Cardiology, MGH, Boston, MA, USA. Nov. 2012; 199.

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- Co-author, *Massachusetts General Hospital, Medicine-Cardiac*** November 2012
- Y. Liu, P.P. Pappagianopoulos, S.S. Hough, **B.D. Smith**, B.B. Dhakal, G.D. Lewis, and Y. Jiang. Validation of Electrical Velocimetry vs. Fick Method and Thermodilution to Determine Cardiac Output in Patients Undergoing Cardiopulmonary Exercise Testing. Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital, Boston, MA, USA and Cardiology Division and Pulmonary Critical Care Unit of the Department of Medicine, Massachusetts General Hospital, Boston, MA, USA. Nov. 2012; 122.

Publications/materials in print or other media:

- Author, *Tufts ASDA Newsletter, Impressions*** October 2018
- Smith, Benjamin. Finding Balance. Tufts American Student Dental Association Newsletter, Impressions, Volume 4, Issue 1. October 2018.
- Author, *Tufts ASDA Newsletter, Impressions*** March 2018
- Smith, Benjamin. If I knew then what I know now: 2nd year, 2nd semester. Tufts American Student Dental Association Newsletter, Impressions, Volume 3, Issue 2. January 2018.

SCHOLARLY ACTIVITIES & AWARDS

- Diplomate, American Board of Orthodontics** January 2023 – Present
- Anthony A. Gianelly Award, *Massachusetts Association of Orthodontics*** January 2023
- AAO Resident Champion, *AAO/Harvard Ortho Representative*** April 2020 – May 2022
- Class Award for Outstanding Peer Support and Leadership, *TUSDM Class of 2019*** May 2019
- Pharmacology Award, *TUSDM*** May 2019
- AAO Senior Student Award, *American Association of Orthodontics*** May 2019
- American College of Dentists Award, *Yankee Dental Convention*** October 2018
- Awarded to a 4th year dental student who emulates high achievement, strong leadership, and high ethical standards
- ADEA Academic Dental Career Fellowship Program, *Tufts Dental School*** September 2018 – March 2019
- Sellers Scholarship Award, *TUSDM*** December 2017

LEADERSHIP EXPERIENCE, SERVICE TO COMMUNITY, HONORS

- Class President, *Tufts University School of Dental Medicine Class of 2019*** September 2015 – May 2019
- Led the 2019 Executive Board; served as liaison between D19 class and Academic, Clinical, and Student Affairs
- Project Bridge/Team Smile, *Dental provider*** December 2015 – May 2019
- Provided dental services to Bridge Over Troubled Waters for Boston's homeless and runaway at risk youths
- Johns Hopkins University Varsity Lacrosse, *Player*** 2010 – 2011
- W. Taylor Cook Award awarded for strength of character and positive influences on the team
- Harvard University Varsity Lacrosse, *Player*** 2006 – 2010
- Most Outstanding Player and Class of '59 Trophy for Leadership and Enthusiasm; All IVY League Selection (2010)