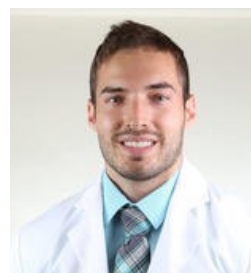


**Personal Data:** **Zachary L. Neitzey, DMD**  
 [REDACTED] (Cell)  
 zneitzeydmd@gmail.com



### **EDUCATION:**

	<b><u>Radford University (RU)</u></b>	<b><u>Tufts University School of Dental Medicine (TUSDM)</u></b>
<b>Degree:</b>	Bachelor of Science: Biology Major, Chemistry Minor	Doctor of Dental Medicine (DMD)
<b>Year:</b>	2013	2017
<b>Standing:</b>	GPA = 3.79 (Magna Cum Laude)	GPA = 3.75 (Magna Cum Laude) Class Rank: 10/188

#### **AWARDS/HONORS EARNED AT RU:**

Deans List: 7 Semesters  
 - Awarded for minimum 3.4 GPA in all classes

Residential Life Academic Award: 4 Semesters  
 - Awarded for receiving all A's as a Residential Assistant

Residential Assistant of the Week: 8x  
 - Elected by staff/supervisors for extraordinary work during my 4 semesters as an RA

#### **AWARDS/HONORS EARNED AT TUSDM:**

Deans List: 4 years  
 - Awarded for minimum 3.6 GPA

Robert R. Andrews Society Inductee  
 - Dental Research Honor Society  
 Omicron Kappa Upsilon Inductee  
 - National Dental Honor Society

Merit-based Scholarship: 3 years  
 - Awarded for minimum top 20 class rank

### **RESEARCH EXPERIENCE:**

School	Radford	Tufts	Tufts
<b>Project Name</b>	<i>Pseudomonas</i> sp. pigments as anti-La Crosse virus and anti-mosquito larvae compounds	Metrics from Computer-Based Testing: Question Difficulty, Word Count and Time-Spent	Identification of predictive factors for relapse in skeletal open bite patients
<b>Brief Description</b>	Microbiology research looking into a possible way of safely preventing vector-transmission of harmful diseases using a species of bacteria found in mosquito intestine.	Designed and carried out a study looking into a way of using testing software to quantitatively determine the efficacy of specific exam questions. Developed a quick, easy, and cheap method to help professors make this determination.	Assisted two orthodontic residents with research regarding the relapse rates of anterior open-bite in patients with certain morphologic features.
<b>Peer Instructor</b>	Justin Anderson, Ph.D.	Yun Saksena, D.M.D.	Georgios Kanavakis, D.D.S., M.S.
<b>Completed</b>	2013	2015	2016

**PUBLICATIONS/CONFERENCE ABSTRACTS:**

<b>Project</b>	<b>Presentation</b>
Animal Diversity Web Paper Publication	<a href="http://animaldiversity.ummz.umich.edu/accounts/Kobus_vardonii/">http://animaldiversity.ummz.umich.edu/accounts/Kobus_vardonii/</a>
Metrics from Computer-Based Testing: Question Difficulty, Word Count and Time-Spent	<ul style="list-style-type: none"> <li>- Manuscript Written</li> <li>- Abstract published in Journal of Dental Education</li> <li>- Presented at: Bates-Andrews Research day and ADEA Research Conference 2015</li> </ul>
Identification of Predictive Factors for Relapse in Skeletal Open Bite Patients	Faculty Presentation

**ENRICHMENT PROGRAMS:**

<b>Program</b>	<b>Description</b>
TUSDM Orthodontic Elective Program	Spent 1 month attending orthodontic classes and working in the clinic with residents. I was able to assist and perform a variety of clinical treatments.
TUSDM Orthodontic Selective Program	<p>As extra-curricular credit, I spent 2 months working in the orthodontic department. The duties I completed were:</p> <ul style="list-style-type: none"> <li>- Attended classes and case presentations with residents</li> <li>- Completed a case-presentation with the Tufts faculty and residents present</li> <li>- Completed a research review utilizing 35 articles on temporary anchorage devices.</li> <li>- Spend 160 hours working in the clinic assisting and completing procedures.</li> </ul>
Externships/Site Visits	Visited the following programs: VCU, Columbia, Baylor, UPenn, UIC, and Harvard. During my time at these sites, I assisted residents, attended multiple case presentations, sat in on lectures and observed resident-patient interactions.

**WORK EXPERIENCE:**

<b>Organization</b>	<b>Description</b>
Lane & Associates Hamlet, North Carolina	Became interested in working for this company because they have a reputation for providing employees with support and learning opportunities to treat patients with high quality care. The company had availability in several areas, but they were most in need of a dentist in Hamlet North Carolina. Hamlet is an very rural, poverty-stricken area with many medically complex patients. This job has allowed me to treat patients in-need while providing me with the support necessary for the challenges that a rookie dentist faces.

**GRE SCORES:**

<b>Category</b>	<b>Scaled Score</b>	<b>Percentile</b>
Verbal Reasoning	157	74
Quantitative Reasoning	156	64
Analytical Writing	4.5	80

**ADVANCED DENTAL ADMISSIONS TEST (ADAT) SCORES:**

<b>Category</b>	<b>Score</b>	<b>Percentile</b>
ADAT (Overall)	640	98
Critical Thinking	660	98
Biomedical Sciences	720	99
Clinical Sciences	620	91
Data, Research Interpretation, & Evidence Based Dentistry	590	86
Patient Management	530	65

**COMMUNITY SERVICE/VOLUNTEER WORK:**

<b>Project</b>	<b>Description</b>
Partook in or planned events such as:	Adopt an Angel, Valentines Cards for Sick/Troops, Clean up the River, Clean up the Town, Project Bridge, Multiple Book Discussions, Elective Lectures on Practice Management, Implants, Maxillofacial Prosthodontics, Oral Surgery, Diversity in Dentistry, American Academy of Women in Dentistry
Missions of Mercy - VA	Visited Grundy, Virginia and helped give free dental care to patients in need.
Leukemia & Lymphoma Society Man & Woman of the Year	Utilizing the tools available to me through my fathers sign business, I produced approximately \$5,000 worth of sign work to assist the organization with their event.
Smile, Share, & Care	Volunteered to go to a daycare/ pre-K to interact with the children teaching them proper oral hygiene techniques.
TUSDM Class of 2018 Orientation	Assisted the first year dental students in acclimating to the new environment. Helped give tours, lead group discussions, organized social events and assisted with management.
TUSDM Pre-Dental Day	Assisted with an event run by Tufts in which pre-dental students come to TUSDM and learn more about our dental program. Helped give tours, Q&A discussions, teach wax-ups, teach amalgam restorations, and assisted with management.
TUSDM Sharewood Clinic & Project Bridge	Provided free examinations and treatment to patients in need. Participated on numerous occasions as an organizer and volunteer.
Massachusetts Dental Society (MDS) Beacon Hill Day	Twice I participated in a yearly event in which MDS proposed multiple bills to the state government. Lobbied for bills with state senators and congressmen by presenting our viewpoints on current issues in the dental field.
Smile Squad	Participated in multiple projects with this organization that goes to children events. The objective is to teach primarily children the proper brushing and flossing techniques.
Project Bridge	Participated in a clinic that provides free dental care to the homeless.

**TEACHING EXPERIENCE:**

Tutor & Teaching Assistant (TA) 09/2010- 05/2017	As a great way to refine my knowledge and assist others, I have tutored many students during my time at TUSDM in didactic courses and have been serving as a clinical TA assisting classmates and underclassmen with all facets of clinical learning requested.
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**LEADERSHIP EXPERIENCE:**

Organization	Position	Description
Radford University Residential Life	Resident Assistant (RA)	Worked as a leader by looking after and providing for my residents. Dealt with a wide variety situations and helped many residents in need.
Pre-Dental Club (RU)	President	The Pre-Dental Club at RU was inactive when I first joined. As President, I organized the club and held monthly meetings for members. Helped members achieve their various goals within the club.
Tufts Orthodontic Study Club	President	During my time as President, I organized the club and helped make it useful to members. We had a major boost in attendance, which I feel is due to the enhanced quality and quantity of content delivered at our meetings.
Admissions Committee (TUSDM)	Class Chair	This position started out as a position elected by my classmates and was appointed by Tufts faculty in following years. Tasks for this committee included conducting interviews, partaking in admissions meetings, and meeting with pre-dental students at events such as the virtual fair and conferences.

**MEMBERSHIPS:**

Organization	Description
Sports teams	Played lacrosse for the club team at RU and played basketball with the class team at TUSDM. Playing sports has always been a major part of my life and has helped shape me into a team player and leader.
BBB (RU Biology Honors Society), Chemistry Club (RU)	BBB was a biology study club for which I helped organize events such as job fairs, research talks, and I offered free tutoring. Free tutor for the Chemistry Club.
Alpha-Omega (TUSDM Social Fraternity)	A member of a social fraternity at Tufts. Activities included monthly social meetings and volunteer events.
ASDA, ADEA, ADA, MDS, NCDS	Participated in as many events as possible with these organizations.
Student Professionalism and Ethics Association in Dentistry (SPEA)	SPEA's mission is to promote ethical behavior and professionalism in dental school by providing opportunities to bring in speakers and hold ethics debates. I have participated in every meeting.

**EXTRACURRICULAR ACTIVITIES:**

Exercise	Basketball	Cooking
Music	Geocaching	Reading
Hiking	Comedy	Traveling/Trying New Things