

Abhishek Desai

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Education

Boston University School of Medicine	2019
Boston University, College of Arts & Sciences Seven Year Accelerated Medical Program (SMED) Bachelor of Arts, Medical Science Minor, Linguistics	2016

Experience

AMA-MSS Region 7 Community Service Chair & Governing Council Member	2016-2017
<ul style="list-style-type: none">• Represented medical students from NY, CT, RI, MA, VT, NH, ME in the national forum• Organized a fundraising competition at the 2016 AMA interim meeting raising several thousand dollars for the AMAF• Established the Regional Service Project, which serves to coordinate AMA-MSS community service across Regions and chapters in order to amplify our impact and strategically focus our resources and efforts on goals that we, as the nationwide medical student body, decided were critical to all of our local communities.<ul style="list-style-type: none">○ 2016-2017 RSP focused on naloxone training and homeless health initiatives; over 500 medical students were involved• Forged strong collegial relationships with the CS chairs of other regions• Began the process of collecting comprehensive data on the community service activities and interests of the chapters within our Region.	
BUSM Brain Enrichment Program Co-Leader	2016-2017
<ul style="list-style-type: none">• Expanded operations to a second site• Doubled the frequency of presentations• Put into effect a standardized strategy for soliciting feedback from other members• Began developing a website and "start-up package" for new satellite chapters• Started a longitudinal research project under Drs. Rushmore (neurobiology) and Hardt (geriatrics) to investigate the effects of BEP work on medical students.	
Firefighter-Cadet & EMT-B, Cabin John Park Volunteer Fire Department	2010-2014
<ul style="list-style-type: none">• Began training 1 week after reaching the minimum age requirement; received EMT license at 15• The CJPVFD provides coverage for EMS, fire/rescue including high-angle rescue, and swift water emergencies on the Potomac River, including the class V Great Falls.	
Cardiothoracic Surgery Volunteer Intern, DC VA Medical Center	2010-2011
<ul style="list-style-type: none">• Rounded with surgical team, observed surgery, assisted with patient discharge• Assisted department manager with administrative duties and case scheduling• Designed and implemented system for automatically calling patients after discharge and before clinic appointments to improve compliance• Awarded as DC VAMC Male Volunteer of the Year	

Research

Eskandar Lab, Massachusetts General Hospital

2016

- Under the tutelage of Shaun Patel, PhD and Todd Herrington, MD PhD
- Used 20kHz EEG to investigate neural activity during decision making
- Developed diagnostic software to debug signal anomalies
- Performed rudimentary EEG signal analysis using industry-standard tools
- Overhauled design of the OpBox, an open-source operant conditioning and experimental environment for small rodents in use at 5+ MGH labs and internationally.
 - Reduced per-unit cost by 35%, now <10% cost compared to commercial solutions
 - Prototyped design and built 12 functional units

Awards & Honors

Dean's Scholarship, BU School of Medicine

2015-present

Sam & Evelyn Margolis Scholarship

2014-2015

Dean's List, BU College of Arts & Sciences

2012-2015

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