

# Abhishek Desai

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## *Education*

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

## *Experience*

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| AMA-MSS Region 7 Community Service Chair & Governing Council Member  | 2016-2017 |
| <ul style="list-style-type: none"><li>• Represented medical students from NY, CT, RI, MA, VT, NH, ME</li><li>• Established the Regional Service Project<ul style="list-style-type: none"><li>○ 2016-2017 RSP focused on naloxone training and homeless health initiatives; over 500 students from 40+ medical schools nationwide participated</li><li>○ Driven by strong collegial relationships between the community service chairs of all 7 regions; a collaboration Abhi established, and one that did not previously exist</li></ul></li><li>• Co-author of Resolution 68 of the AMA-MSS Annual Meeting 2017<ul style="list-style-type: none"><li>○ “Disaggregation of Data Concerning the Status of Asian-Americans in Medicine.”</li></ul></li><li>• Organized a fundraising competition at the 2016 AMA interim meeting raising several thousand dollars for the AMA Foundation</li><li>• Began the process of collecting comprehensive data on the community service activities and interests of the chapters within our Region</li></ul> |           |
| BUSM Brain Enrichment Program Co-Leader  | 2016-2017 |
| <ul style="list-style-type: none"><li>• BEP provides 1) weekly interactive educational programming for assisted living home residents and 2) a platform for medical students to hone their communication and public speaking skills</li><li>• Expanded operations to a second site</li><li>• Doubled the frequency of presentations</li><li>• Began developing a website "start-up package" for new satellite chapters at other medical schools</li></ul>  |           |
| Firefighter-Cadet & EMT-B, Cabin John Park Volunteer Fire Department   | 2010-2014 |
| <ul style="list-style-type: none"><li>• Began training 1 week after reaching the minimum age requirement; received EMT license at 15</li></ul>   |           |
| Cardiothoracic Surgery Volunteer Intern, DC VA Medical Center  | 2010-2011 |
| <ul style="list-style-type: none"><li>• Rounded with surgical team, observed surgery, assisted with patient discharge</li><li>• Assisted department manager with administrative duties and case scheduling</li><li>• Designed and implemented system for automatically calling patients after discharge and before clinic appointments to improve compliance</li><li>• Awarded as DC VAMC Male Volunteer of the Year</li></ul>   |           |

## ***Research***

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- Boston Medical Center Division of Bariatric Surgery 2018
- Currently conducting a case review of revision/conversion bariatric operations performed at BMC to investigate their efficacy and safety
- Eskandar Lab, Massachusetts General Hospital 2016
- Under the tutelage of Shaun Patel, PhD and Todd Herrington, MD PhD
  - Used rapid-sampling EEG to investigate neural activity during decision making
  - 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
  - Developed diagnostic software to debug EEG signal anomalies
  - Performed rudimentary EEG signal analysis using industry-standard tools
- BUSM Brain Enrichment Program 2017-2018
- Began a longitudinal study to investigate how participating in the organization affected medical students' communication capabilities and their perceptions of self and others

## ***Awards & Honors***

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- 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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