

Abhishek Desai, MD

PGY-1 General Surgery

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Rutgers Robert Wood Johnson Medical School

Education

Boston University Seven-Year Liberal Arts/Medical Education (SMED) Program	
MD, School of Medicine	2015-2019
BA, College of Arts & Sciences	2012-2016
Medical Science, Linguistics	

Experience

AMA-MSS Region 7 Community Service Chair & Governing Council Member 2016-2017

- Represented medical students from NY, CT, RI, MA, VT, NH, ME
- Established the Regional Service Project
 - 2016-2017 RSP focused on naloxone training and homeless health initiatives; over 500 students from 40+ medical schools nationwide participated
- Co-author of Resolution 68 of the AMA-MSS Annual Meeting 2017
 - “Disaggregation of Data Concerning the Status of Asian-Americans in Medicine.”
- Organized a fundraising competition at the 2016 AMA interim meeting raising several thousand dollars for the AMA Foundation
- 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

- 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
- Expanded operations to a second site
- Doubled the frequency of presentations
- Began developing a website "start-up package" for new satellite chapters at other medical schools

Firefighter-Cadet & EMT-B, Cabin John Park Volunteer Fire Department 2010-2014

- Began training 1 week after reaching the minimum age requirement; received EMT license at 15

Cardiothoracic Surgery Volunteer Intern, DC VA Medical Center 2010-2011

- 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

Boston University School of Medicine Machine Learning Group 2018-2019

- Ongoing exploration of the potential applications of machine learning techniques to reduce heuristic decision-making in the management of surgical patients

Boston Medical Center Division of Bariatric Surgery 2018-2019

- “Revisional Bariatric Surgery for Failure to Lose Weight/Weight Regain and Refractory Complications at a Single MBSAQIP Accredited Center over Three Years.”
 - Under review by ASMBS for presentation at ObesityWeek 2019

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
 - Prototyped design and built 12 functional units
 - Reduced per-unit cost by 35%, now <10% cost compared to commercial solutions
- 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

Dean's Scholarship, BU School of Medicine

2015-2019

Sam & Evelyn Margolis Scholarship

2014-2015

Dean's List, BU College of Arts & Sciences

2012-2015

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