

MAARIJ BAIG

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EDUCATION

Doctor of Osteopathic Medicine - Expected Graduation: June 2017

Philadelphia College of Osteopathic Medicine, Philadelphia, PA

Master of Science, Biomedical Sciences - June 2013

Philadelphia College of Osteopathic Medicine, Philadelphia, PA

Bachelor of Science, Mathematics (Pre-Med Concentration) - May 2011

University of Mary Washington, Fredericksburg, VA

EXPERIENCE

September 2012 – Present (15 hrs / week)

Work-Study Research Assistant

Philadelphia College of Osteopathic Medicine, Philadelphia, PA

- Research the mechanisms of steroid action and how estrogenic compounds, both endogenous and environmental, impact various systems, particularly inflammation and cell-to-cell adhesion
- Trained to change the media of THP-1 cells and Human Umbilical Vein Endothelial Cells (HUVEC), split cells in order to change cell plates, cross-culture cell types, and assist with Western Blots and using the Confocal microscope.

July 5- July 23, 2013 (80 hours)

Medical Mission Trip Volunteer

Githunguri Health Centre, Limuru, Kenya

- Obtained vitals (blood pressure and weight) on patients entering outpatient clinics and aided in wound dressing
- Assisted in the maternal ward to obtain vitals (height, weight, and BMI) and provided nutritional counseling for malnourished pediatric patients
- Observed IUD placement and removal and assisted with family planning and counseling

May 13- May 31, 2013 (120 hours)

Intern

Philadelphia Medical Examiner's Office, Philadelphia, PA

- Assisted investigators at crime scenes in photographing the crime scene, obtaining interviews/statements from all required personnel, collecting evidence, and transporting victims
- Shadowed Forensic Pathologists during autopsies of previously transported victims and collaborated extensively with the physicians to determine cause of death

October 2012 (7 hours)

Osteopathic Physician Shadowing (1 of 2)

Montgomery County Coroner's Office, Norristown, PA

- Viewed two external and internal forensic autopsies performed by osteopathic pathologist, Dr. Gregory McDonald, on a burn victim and a potential homicide victim
- Actively applied information from pathology course with Dr. McDonald to abnormalities found

February 2009 – April 2011 (15 hrs / week)

Medical Scribe

Mary Washington Healthcare, Fredericksburg, VA

- Charted and took patient histories in the Emergency Department (i.e, CC, HPI, past medical history, medicine list, primary language, immunization history)
- Evaluated patient data such as laboratory and diagnostic imaging results
- Interacted with, viewed, and qualitatively compared the roles of MDs, DOs, and PAs

February 2011- March 2011 (40 hours)

Volunteer

Habitat for Humanity International, Pickens County, SC

- Aided in the construction of homes for two impoverished families living in mobile homes
- Performed manual labor including indoor and outdoor siding, roofing, and flooring

December 2010 (20 hours)

Osteopathic Physician Shadowing (2 of 2)

Mary Washington Hospital/ Mediplex/Stafford Hospital Center, Fredericksburg, VA

- Observed methods for treating patients under the supervision of osteopathic physician, Dr. Patrick McHugh
- Understood how to reach differential diagnoses based on patient presentation and further researched the etiology, prevalence, and symptomatology of the specific diagnosis

HONORS & AWARDS

- Philadelphia College of Osteopathic Medicine Foundation Scholarship (2011, 2012,2013)
- Who's Who Among Students in American Universities and Colleges (2011)
- University of Mary Washington: Dean's List (2011)

ACTIVITIES & COMMUNITY INVOLVEMENTS

- PCOM DO Council Treasurer (2014-2015)
- PCOM DO Council Representative (2013-2014)
- PCOM Ambassador (2014-2015)
- PCOM Students National Medical Association (SNMA) MAPS Co-Chair (2013-2014, 2014-2015)
- PCOM Health Career Academy Program (2014-2015)
- Member: PCOM Emergency Medicine, PCOM Internal Medicine, PCOM SOMA, PCOM AMSA
- Run For Our Sons (Duchenne Muscular Dystrophy) Half-Marathon fundraiser and runner (2012)
- Relay For Life volunteer (2011, 2012,2013)
- Honor Council Class of 2011 Representative (2008-2009, 2010-2011)
- Taste of Asia, Multicultural Fair, and Bhangra Beat participant and co-coordinator (2007-2011)
- Pre-med/Pre-dent club, International Living Center club, Asian Student Association member (2007-2011)

SKILLS

- Proficient in Urdu
- Proficient in Microsoft Office (Microsoft Excel Certified)