

IMA KNIGHT

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EDUCATION

MARIAN UNIVERSITY COLLEGE OF OSTEOPATHIC MEDICINE

Doctor of Osteopathic Medicine

May 2019

UNIVERSITY OF MICHIGAN COLLEGE OF LITERATURE, SCIENCE, AND ARTS

Bachelor of Science in Neuroscience

May 2015

UNIVERSITY OF MICHIGAN STEPHEN M. ROSS SCHOOL OF BUSINESS

Bachelor in Business Administration

May 2015

Areas of Concentration: Finance and Management Operations

EMPLOYMENT HISTORY

UNIVERSITY OF MICHIGAN SCIENCE LEARNING CENTER

Physics 235 Study Group Facilitator

Jan 2014 – May 2015

- Developed intellectually challenging study material that highlighted key points from the course material to aide student's learning during a weekly two-hour study group session.
- Mentored students and worked as a personal tutor to handle difficult material on a one on one basis while always making myself available to answer questions.
- Acted as a leader to coordinate weekly meetings and ensure each session ran efficiently and students were effective in their learning.

CARDINAL HEALTH

Summer Supply Chain Intern

June 2014

- Created innovative tools to bring transparency to the medical segment supply chain allowing for better inventory management and more efficient delivery of products to hospitals, clinics, and homes.
- Developed new processes to ensure the total network was optimized by reviewing stocking strategy and developing metrics to determine the health of the network.
- Assisted planning teams to identify areas of improvement and created solutions to increase planning efficiency.
- Presented to high level executives and department managers to showcase my summer projects. Received accolades and requests to implement my solutions department wide.

RESEARCH EXPERIENCE

NEUROSCIENCE CENTER AT GOODMAN HALL

Research Assistant - Dr. Aaron-Cohen, MD, MSC Neurosurgery Lab

June 2016 – Present

- Assisting in a clinical research project to understand the significance of an aneurysm remnant following an endovascular coil embolization procedure for patients with brain aneurysms. The goal is to evaluate the potential necessity for follow up work to ensure the best patient outcome.
- Contributing to the content and interpretations to be included in future publications based on the findings from my projects.
- Working with a team of 5 other medical students and residents to extrapolate meaningful data from a database of 1000s of patients while ensuring accurate interpretations from the data are being developed.

UNIVERSITY OF MICHIGAN DEPARTMENT OF BIOPSYCHOLOGY**Research Assistant - Dr. Aragona's lab****Jan 2012 – Jan 2014**

- Researched dopamine levels in pair bonded voles as research assistant for an honors thesis project. The results of this study had implications on the effects of human relationships and brain chemistry and helped establish a link between behavior and permanent changes in neurotransmitter release.
- Completed tasks ranging from creating solutions, developing electrodes, taking care of the animals, and performing dissections.
- Trained new members in laboratory techniques allowing for a smooth transition for incoming members.

HONORS & AWARDS

- Magna Cum Laude, University of Michigan - Ann Arbor, MI **May 2015**
- Honors Distinction, University of Michigan - Ann Arbor, MI **May 2015**
- Dean's List, University of Michigan - Ann Arbor, MI **May 2015**
- Michigan Greek Life Leadership Excellence Award – Ann Arbor, MI **March 2015**

PUBLICATIONS AND PRESENTATIONS**BIOPSYCHOLOGY DEPARTMENT RESEARCH SYMPOSIUM - Ann Arbor, MI****Feb 2012****Presenter**

- Presentation on research performed in Dr. Aragona's biopsychology lab primarily detailing the effects of dopamine level changes in pair bonded voles verse control groups.

MEMBERSHIPS**RESEARCH CLUB – Indianapolis, IN****Treasurer****Jan 2016 – Present**

- Working towards a mission to increase interest and develop new resources for clinical and biomedical research at Marian University.
- Arranging a speaker series to learn more about the role research plays in medicine, specifically how epigenetic imprinting affects neonates, which helped further engage my interest in research.
- Managing the organization's student government account while keeping careful track of all expenditures and maintaining a balanced budget through fundraising.

RADIOLOGY-ONCOLOGY INTEREST CLUB – Indianapolis, IN**Vice President****Jan 2016 – Present**

- Planning in speaker series featuring radiologists and surgeons from around Indianapolis, IN which helped me understand and plan for many of the challenges I will face in my future career.
- Assisting in executing a training event involving medical technicians and physicians demonstrating basic medical imaging devices and providing tips on their usage.

MU-COM OFFICE OF ADMISSIONS – Indianapolis, IN**Admissions Interviewer and Tour Guide****Sept 2015 – Present**

- Interviewing students seeking admission into Marian University College of Osteopathic Medicine through evaluating their character, ability to succeed in medical school, and potential to be a prominent future physician.
- Providing tours of Marian University's Medical School to potential future students to showcase the positive aspects of the school and engage their interest in attending.

TIMMY GLOBAL HEALTH – Indianapolis, IN**Co-President****Sept 2015 – Present**

- Managing the executive board as President through organizing meetings, facilitating new ideas for volunteer and speaker events, and ensuring that the executive board completes its tasks efficiently and effectively.
- Planned a medical trip to Las Canas, Dominican Republic for myself and 18 other medical students and professionals for the summer of 2016 in which my group provided medical services and supplies to communities with very limited resources. The trip was an enriching experience and enabled us to be part of the continuous care that TGH provides to these communities.
- Collaborated in organizing a speaker event with the Benjamin Rush Institute to host the screening of a documentary, 'Poverty, INC.' that provided insight into ways TGH could contribute to underserved areas both domestic and abroad.

STUDENT OSTEOPATHIC MEDICAL ASSOCIATION – Indianapolis, IN**Member****Sept 2015 – Present**

- Assisting in helping committees develop events to increase awareness of Osteopathic Medicine, improve professional development events for medical students, and create opportunities for pre-medical students to learn more about medical school.
- Volunteered at Pre-SOMA conference, an event focused on increasing undergraduate interest in Osteopathic Medicine, and assisted in interview workshops to prepare students for their medical school interviews.

MEANINGFUL MEDICINE MENTORING ELECTIVE – Indianapolis, IN**Member****Sept 2015 – Present**

- Learning about the importance of taking a humanistic approach to patient care and its role in developing compassionate and caring physicians.
- Attending a speaker series which has provided me with the knowledge and tools to care for specialized patient demographics, such as refugees and obese patients.
- Shadowing Dr. David Agarwal, an Interventional Radiologist at the Indiana University Health System, several times a month. He has provided me with direct insight into how physicians provide humanistic care to their patients and gave me a firsthand look into the radiology specialty.

C.S. MOTT CHILDREN'S HOSPITAL**Volunteer****Jan 2014 – May 2014**

- Volunteered in Mott's Children's hospital, a world renowned healthcare system that is paving the way for the future of children's medicine, to coordinate events and activities for the patients.
- Managed 'Music Night,' an event which featured live musicians and food that gave the young patients a time to interact with each other and have fun outside of their hospital suite.
- Committed over 40 hours to developing activities for the young patients to participate in, such as art stations and karaoke.

MULTICULTURAL GREEK COUNCIL - Ann Arbor, MI**Vice President****Aug 2013 – June 2014**

- Coordinated subcommittees to plan Greek events such as Greek Week and MGC retreat which fostered bonding between the organizations. Additionally, developed annual Crohn's and Colitis Charity Ball which raised over \$2500 for the foundation.
- Collaborated with the President of MGC to make important decisions regarding distribution of a \$6,000 budget, resulting in increased spending efficiency.
- Facilitated communication and acted as liaison between the 11 Greek organizations within MGC and the other 3 Michigan Greek Councils leading to an increase in awareness and cross-council participation.

ALPHA PHI OMEGA - COMMUNITY SERVICE ORG - Ann Arbor, MI**Member****Aug 2013 – June 2014**

- Engaged in service projects throughout the community including gathering and donating clothes to homeless individuals, hosting blood drive events, and raising money for charities such as Relay for Life.
- Led weekly consulting committee meetings to develop action plans to help local charities gain the recognition, funds, and donations they require to succeed.

INTERNATIONAL SERVICE LEARNING - Alajuela, Costa Rica**Volunteer Team Member****March 2013**

- Constructed and operated medical clinics in Government funded communities, allowing team to provide patient care to underprivileged families.
- Acquired basic medical training and learned how to communicate professionally with patients, facilitating team to reach and aide over 180 community members during week-long alternative spring break program.

OMEGA GAMMA PI FRATERNITY, INC. - Ann Arbor, MI**Public Relations - Executive Board Member****Aug 2011 – June 2015**

- Handled relationships between the organization and the Multicultural Greek Council, University of Michigan, and other Greek Life members.
- Created and distributed public relations materials through online and print media leading to a beneficial increase in community awareness.
- Marketed and helped develop annual Crohns and Colitis Charity Ball which raised over \$2500 for the foundation. Additionally, planned philanthropic indoor field day at Wing Lake, a school of cognitively impaired students, which was attended by 50+ members.

INDIAN AMERICAN STUDENT ASSOCIATION (IASA) - Ann Arbor, MI**Political Awareness Core****Aug 2012 – June 2013**

- Collaborated in organizing the performances for the IASA Cultural show, the largest student run cultural show with a sold out audience of 3,538 seats, which ensured a smoothly run and enjoyable production.
- Implemented "Wednesday Night Live" show with an audience of 200 students, which increased social injustice awareness through facilitated audience discussions.
- Established political awareness lecture and Q&A session educating students on the 2012 election stances and processes.

LANGUAGES

English - Native Language

Hindi - Speak, read, and write with basic competence

ADDITIONAL

- Professional DJ at club, formal, and banquet events.
- Enjoy producing music, traveling, and skydiving.