

Ali Assi

PERSONAL:

Birth: February 10, 1993

Address: 6901 Rosemary St, Dearborn Heights, MI 48127

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E-mail: aaassi@umd.umich.edu

EDUCATION:

University of Michigan-Dearborn, MI

Cumulative GPA: 3.70

Science GPA: 3.60

Major: Biology

Minor: Psychology

HONORS/AWARDS:

University Honors: April 19, 2011; April 20, 2012; April 20, 2013

Dean's List: Winter 2011; Winter 2012, Winter 2013

Golden Key International Honor Society: September 24, 2011

University of Michigan-Dearborn Difference Makers Award, 2013

- Recipients of this award are recognized for high academics, integrity, and strong portrayal of leadership on and off campus

RESEARCH:

Karmanos Cancer Institute, Wayne State University School of Medicine, Detroit, MI

Research Assistant, Gorski Lab

Contact: Dr. Cecilia L. Speyer

E-mail: clspeyer@wayne.edu

Phone: (248)-921-4512

- Collected, pooled, and analyzed data for three abstracts
- Performed Cell Culture, Western Blotting, Gel Electrophoresis, Fluorescence Microscopy, and Centrifugation in vitro
- Performed surgical procedures such as injection of pharmacological treatments and tumor isolation in Vivo
- Expanded on cancer analysis through techniques of Immuno-histology Staining
- Maintained detailed lab notes and assisted with lab maintenance
- Researched various publications related to my project to gain a better understanding of the project as a whole and ideas of different techniques

Detroit Medical Center, Children's Hospital of Michigan, Detroit, MI

Research Assistant, Emergency Department

Contact: Dr. Hania Salama

E-mail: hsalama@dmc.org

Phone: (313)-461-5481

Study: Assess the access to proper healthcare for primarily Arabic speaking families who experience language barriers

- Helped initiate study by applying for grants and filling out IRB documents for approval
- Contributed in setting up a system for conducting a surveys to assess patient access to healthcare
- Approached primarily Arabic speaking families to fill out survey and collected data
- Conducted Data analysis of the results

ABSTRACTS:

- Metabotropic Glutamate Receptor-1 as as Potential Mediator of Angiogenesis in Breast Cancer
 - Currently being reviewed for publication
- Glutamate Signaling Regulates Neutrophil Migration in Triple Negative Breast Cancer
- Exploring Anti-oncogenic Properties of Riluzole on Breast Cancer

RESEARCH PRESENTATIONS:

- *Meeting of the Minds, University of Michigan-Dearborn, 2012*
- *Department of Natural Science's Twentieth Annual Poster Session, University of Michigan-Dearborn, 2012*
- *College of Arts Sciences & Letters' Student Research Showcase, University of Michigan-Dearborn, 2012*
- *1st Annual Windsor Cancer Research Group Conference, 2012*

- *College of Arts Sciences & Letters' Student Research Showcase*, University of Michigan-Dearborn, 2013
- *Department of Natural Science's Twentieth Annual Poster Session*, University of Michigan-Dearborn, 2013

LEADERSHIP:

Neurology Club

Founder

- The Intent was to improve the pre-medical environment at the University of Michigan-Dearborn, build bridges with other Universities that also had a branch of the Organization (Oakland University, University of Michigan-Ann Arbor, and Wayne State University), provide hundreds of campus students with opportunities to get familiar with the field, volunteer at institutions related to the field, and meet researchers who are currently involved in the field.

President

- Led the first E-board of six members of Neurology Club at the University of Michigan-Dearborn
- Developed a system and wrote a constitution that would enhance the performance of the organization on campus as well as ensure the dedication and work ethic of future members
- Developed a website where students would be updated on future events, watch live events, and look at pictures of previous events
- Developed an organization logo that would represent the organization on campus
- Planned and executed a variety of social, educational, and opportunity-based events for students on campus

Students for Islamic Awareness (SIA)

Director of Multimedia

- Maintained and updated organization website
- Directed technological crew at organization's events
- Took photos and videotaped all events
- Managed organization's Facebook page for advertisement and posted pictures

President

- Planned and executed a variety of special events, including picnic socials, political events, and educational events
- Led an E-board of six members where I delegated tasks, ran meetings, and ensured deadlines were met
- Established a new system and area of focus point in order to allow the organization to thrive

Students for Orphan Relief

Co-Founder

- The intent was to create a philanthropic, non-profit organization that involves students that aim to help fund and relieve the lives of orphans across the world. We hope to instill the proper values in society and eradicate any sense of selfishness and therefore allow our society to progress morally. This organization is one that has no ethnicity, color, or religion. We work under the banner of humanity. This organization is in the process of becoming a 501c3.

Co-Director

- Produced a Constitution for the organization that listed bylaws, Executive Board positions with duties, meeting times and formats, Accountability system, voting policies, etc.
- Produced an Executive Planning Committee to work under the Executive Board in order to plan and help execute events
- Developed a Logo and a Website, including other social media pages (i.e. Facebook, Twitter, and Instagram) to better promote the organization
- Currently leading a "Build-a-Well" Project where we hold fundraising activities in local communities to fund the construction of a well in Somalia, sub-Saharan Africa
- Set-up promotion tables, t-shirt sale tables, and various events around the Detroit area to accumulate funds

Supplemental Instructor

University of Michigan-Dearborn
Peer Assisted Study Sessions

Behavioral Sciences

Supervisor: Deborah Roundtree
Contact Information

E-mail: droundtr@umd.umich.edu

Phone: (313)-436-9190

Introduction to Sociology (Soc 200)

Natural Sciences

Supervisor: Dr. Debalina Bhandyopadhyay

Contact Information

E-mail: debalina@umd.umich.edu

Phone: (313)-593-5511

Introduction to Molecular and Cellular Biology (Biology 140)

Microbiology (Micro 385)

- Partook in an SI training workshop where I learned how to become an effective SI leader and enhance the study skills of the students
- Held weekly sessions and led study groups for students who were struggling in the courses
- Developed and conducted creative group activities in order to help students better learn the material
- Adopted many techniques for satisfying the learning needs of different students
- Worked with professors to organize sessions and gain access to the classroom database where I was able to make announcements and updates
- Allowed my knowledge base of the material to improve since it was a refresher

Weekend Youth Group

M.A.Y.A School. (Muslim American Youth Academy)

19500 Ford Road

Dearborn, MI, 48128

- Coached youth (ranging from 7 to 15 years of age) in various sports such as basketball, soccer, and football
- Managed a mentoring program that taught kids essential life lessons and proper morals for becoming successful
- Held various youth group discussions about problems in society and possible solutions for those problems

TUTORING:

Wise Learning and Sports: Rise to Excellence

23830 Ford Road

Dearborn Heights, MI, 48127

Contact: Hussein Charara

Phone: (313)-377-2667

- Worked as a paid tutor for youth ages of 10 to 17 in subjects such as Writing, Reading and Comprehension, Science, and Mathematics
Adopted techniques to satisfy the different learning needs of individuals
- Developed and maintained a database of grades and how they progressed over time
- Contacted parents and teachers of the students in order to provide the best means of success for the students
- Taught students study skills that are useful in both current and future settings
- Taught Religious Studies in which students developed the ability to think analytically and critique various arguments, which enhanced their sense of curiosity and logic

JOBS IN MEDICAL FIELD:

27144 Joy Road

Redford, MI, 48239

Contact: Hadi Dourra, M.D.

Contact Information

Office Phone: (313)-937-1400

Personal Phone: (313)-410-6003

Medical Assistant

- Responsible for checking patients in and out
- Organized and filed charts for each patient
- Validated the active status of insurance for each patient

- Billed the insurance for each patient
- Spoke to insurance companies, such as Blue Cross Blue Shield, Medicare, and HAP, for the validation of patient insurance statuses.
- Spoke to pharmacies in regards to patients and their prescriptions
- Analyzed and interpreted patient charts per requesting patient

Advanced Homecare Pharmacy

**12699 Farley Road
Redford, MI, 48239**

Contact: Moussa Musa

Contact Information

Office Phone: (313)-532-4500

Pharmacy Technician

- Became familiar with many drugs as I filled prescriptions for patients from various nursing homes
- Contacted insurance companies based on the active status of patients
- Inputted patient information into the system for filling

SHADOWING EXPERIENCE:

27144 Joy Road

Redford, MI, 48239

Primary Care

Contact: Dr. Hadi Dourra, M.D.

Contact Information

Office Phone: (313)-937-1400

- Two years of Shadowing Experience
 - 10-15 hours a week

VOLUNTEERING EXPERIENCE:

Oasis Rescue Missionary Center

13220 Woodward Avenue

Detroit, MI, 48203

- Helped prepare dinner and dessert for those less fortunate
- Accumulated about 2 hours of volunteer work at this location

Detroit Rescue Mission

Detroit, MI, 48203

- Helped prepare lunch for those less fortunate
- Accumulated about 2 hours of volunteer work at this location

Detroit Medical Center Children's Hospital

3901 Beaubien

Detroit, Michigan 48201

- Accumulated 2 hours of volunteer work at this location

MLK Day of Service

University of Michigan-Dearborn

Dearborn, Michigan

2011; 2013

- Participated in various activities to help improve areas in Southeast Michigan such as making book covers for elementary students, cleaning up and painting areas of Detroit Michigan