

Yazan A. Al-Ajlouni

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Education

08/2015 – 05/2019 **New York University Abu Dhabi (NYUAD)** **Abu Dhabi, UAE**

- *Bachelor of Science in Biology with a concentration in Psychology and Public Health*
- Full Academic Scholarship
- *Study Abroad: Imperial College London (Summer 2016)*

08/2011 – 05/2015 **Amman Academy High School** **Amman, Jordan**

- Bilingual IB Diploma with international distinction, Score: 44/45 (Ranked top 0.9% worldwide)
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Research Experience

01/2016 – Present **NYU Lagone Medical Center – Spatial Epidemiology Lab** **New York, NY**

Department Of Population Health

Faculty Mentor/Primary-Investigator: Dustin T. Duncan, ScD

Title: Undergraduate Research Assistant

Description: The Spatial Epidemiology Lab, directed by Dr. Dustin Duncan, is housed in the New York University (NYU) School of Medicine's Department of Population Health. The lab employs a geospatial lens in studying health behaviors and outcomes, especially obesity, hypertension, type 2 diabetes, drug abuse, and HIV/AIDS. The lab has an emphasis on health disparities and vulnerable populations. Methodologically, the lab applies spatially explicit approaches such as computer-based geospatial technologies and geospatial modeling techniques. Using innovative methods like global positioning system (GPS) technologies, the lab aims to relate neighborhood attributes to health-related behaviors and outcomes. By studying specific neighborhood characteristics, we hope to inform salient and effective interventions and policies.

- Conduct literature reviews for grant proposals and publications.
- Endnote various grant proposals and publications.
- Assist in writing manuscripts for publication consideration as well as writing grant proposals.
- Work on a plan to enhance and maintain the lab's various social media accounts and website.
- Assist in various administrative tasks for the lab.

06/2016 – 07/2016 **Imperial College – Revolutions in Biomedicine Summer Program** **London, UK**

Faculty of Medicine, Immunology Department

Faculty Mentor/Primary-Investigator: Wayne Mitchell, PhD

Title: Undergraduate Research Assistant

Description: Revolutions in Biomedicine (RIB) is an intense summer program that immerses graduate and undergraduate students in the cutting-edge research environment of Imperial College's world-leading Faculty of Medicine. Guided by leading academic staff, students will consider past, present and future revolutions in biomedicine across eight themes aligned with research strengths in the Faculty. Alongside the theoretical aspect of the program, students also work on their own laboratory-based research project in Immunology department laboratories in Imperial College School of Medicine.

- Worked on my own research project entitled '*Investigating The Relative Significance of Anti-CD3 and Anti-CD28 Activating Antibodies on T-Cell Activation*' as part of a summer program entitled 'Revolutions In Biomedicine' at Imperial College School of Medicine.
- Worked an average of 15 hours a week using techniques such as ELISA and RQ-PCR.

06/2014 – 08/2014 **Stem Cells of Arabia Laboratories** **Amman, Jordan**
Faculty Mentor/Primary-Investigator: Adeb AlZoubi, PhD
Title: Summer Research Assistant

Description: Stem Cells of Arabia is a pioneering Jordanian scientific research company in the field of stem cells and cellular therapy that was founded in 2008. The team of SCA consists of highly motivated professionals, scientists, researchers, and stem cell specialists who are committed to advance medicine through innovative research and to provide medical solutions that address the society's biggest health challenges. Our state-of-the-art facilities and advanced technologies aid us in delivering the highest quality of cells and cellular products for treatment purposes. Overcoming untreatable diseases through stem cell research and regenerative medicine is the utmost priority for SCA.

- Worked an average of 20 hours a week on various stem cell treatment cases.
- Worked hands-on in laboratories using techniques such as Cell Culturing, ELISA, RQ-PCR and Gel Electrophoresis.
- Drafted and reported analysis of qualitative and quantitative data collected from patients tested in preparation for treatment.
- Learned the basis of writing a research paper and drafting manuscripts.

Work Experience

- 01/2016 – 06/2016 **Admissions Ambassador**, NYUAD Admissions **Abu Dhabi, UAE**
- Reached out to national and international communities and hosted prospective students and visitors at NYUAD
 - Provided event, logistic and administrative support for NYUAD's recruitment weekends.
- 06/2012 – 08/2015 **Coach Assistant**, Al-Ahli FC **Amman, Jordan**
- Coached kids aged 9-13 years for three consecutive years and led the teams in various national and international tournaments.

Peer Reviewed Publications

- Duncan DT, Tamura K, Regan SD, Athens J, Elbel B, Meline J, **Al-Ajlouni YA**, Chaix B. Quantifying Spatial Misclassification in Neighborhood Noise Exposure Among Low-Income Housing Residents in NYC: A GPS Study. *Annals of Epidemiology*. (In Review)
- Tamura K, Duncan DT, Chaix B, Regan SD, Athens J, Meline J, **Al-Ajlouni YA**, Ravenell J, Ogedegbe G, Elbel B. A GPS Study of Neighborhood Noise, Body Mass Index and Blood Pressure Among Low-income Housing Residents in New York City. *Journal of Epidemiology and Community Health*. (In Preparation)

Conferences and Presentation (* = presenting author)

- Duncan DT*, Tamura K, Regan SD, Athens J, Elbel B, Meline J, **Al-Ajlouni YA**, Chaix B. *Quantifying Spatial Misclassification in Neighborhood Noise Exposure Among Low-Income Housing Residents in NYC: A GPS Study*. Poster presentation. Society for Epidemiologic Research Annual Meeting. Miami, FL. June 2016.

- **Al-Ajlouni YA***, Alhosani H. *Investigating The Effect of Vibration on Crystal Growth: An Application to Kidney Stone Treatment*. Poster Presentation. NYUAD 6th Annual Crystal Symposium. Abu Dhabi, UAE. May 2016
 - **Al-Ajlouni YA***, Roufeil AE, Yungchein C. *Investigating The Relative Significance of Anti-CD3 and Anti-CD28 Activating Antibodies on T-Cell Activation*. Imperial College RIB 2nd Annual Conference. London, UK. July 2016.
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Community Involvement:

06/2014 – 08/2014 **Hospital Volunteer**, Queen Rania Children Hospital

Amman, Jordan

- Assisted healthcare professional with clerical duties in the emergency room
 - Transported patients between tests and aided with miscellaneous requests
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Leadership

- President, Pre-Health NYUAD Advisory Board *May 2016 – present*
 - NYU Abu Dhabi Men's Varsity Soccer Team *August 2015 – present*
 - Student Athletic Committee Chair, NYUAD Student Government *September 2015 - present*
 - Al-Ahli FC Men's First Team, Jordanian Professional League (U13 until U18) *July 2011 – August 2015*
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Skills

- Computing (Python), and scientific research tools (LaTeX, Statistica, Endnote)
- Languages: Arabic, English.