

Youssef Jalloul

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EDUCATION

Staten Island University Hospital (SIUH)	June 2021 - Present
Degree: Categorical Internal Medicine	
PGY-2 Resident of the year awarded for outstanding overall performance	2022 - 2023
American University of Beirut Medical Center (AUBMC)	June 2018 - June 2019
Degree: Preliminary Year Internal Medicine (PGY-1)	
American University of Beirut (AUB)	June 8, 2018
Degree: Doctor of Medicine	
American University of Beirut (AUB)	May 2014
Degree: BS in Physics	
Graduated with Distinction	
Dean's Honor List	2011-2014

EXPERIENCE

North Shore University Hospital (NSUH)	May 2023 – June 2023
PGY-2 Elective in Vascular Cardiology	
Staten Island University Hospital (SIUH)	January 2023
Cardiovascular Workshop	
<ul style="list-style-type: none">Presented a workshop for residents, fellows, and faculty on the epidemiology, diagnosis, management, & prognosis of thoracic aortic aneurysms. I am grateful to my mentor Dr Jessica Bjorklund.	
Staten Island University Hospital (SIUH)	2023 - Present
Research Committee	
<ul style="list-style-type: none">Brainstormed and critiqued research proposals for upcoming medical residents and helped promote their research projects through study design, literature review, and statistical analysis	
American University of Beirut (AUB)	
Research work with Dr. Marwan Refaat	July 2020 – Jan 2022
Postdoctoral Cardiology Research Fellow with Dr. Marwan Refaat	July 2019 – June 2020
<ul style="list-style-type: none">Conducted multiple research projects including both clinical and basic science research; tasks include literature review, collecting data, data analysis, and writing editorials, IRB/grant proposals, and, manuscripts<ul style="list-style-type: none">Some projects can be found on ORCID: https://orcid.org/0000-0003-2668-0465Others are still ongoing they include using electrospinning for vascular graft manufacturing, analyzing the HCUP dataset, studying electrophysiologic abnormalities, and others	
American University of Beirut (AUB)	July 2019 – June 2020
Research Personnel Project	
<ul style="list-style-type: none">Presented and attended an annual collection of seminars and workshops that develop participants' research skills. Finally won 2nd place at the 7th Annual Clinical Research E-Open House.	
American University of Beirut Medical Center (AUBMC)	2019
PGY-1 Elective in Cardiology	
Trinity College Dublin, the University of Dublin's affiliated St. James's Hospital	Jan 2018 - Feb 2018
Med IV Elective in Endocrinology	

American University of Beirut Medical Center (AUBMC)

Nov 2017 – Dec 2017

Med IV Elective in Vascular and Cardiothoracic Surgery

American University of Beirut (AUB)

2015-2016

Med II Research Project

- Investigated Lebanese people's knowledge and perception of cancer (discussing mathematical models, conducting numerical analysis, collecting data, and data analysis)

American University of Beirut (AUB)

Spring 2014

Experimental Physics Project

- Evaluated the Zeeman Effect using a novel method of data analysis that I created

American University of Beirut (AUB)

Fall 2013

Computational Physics Project

- Simulated the interaction between Newton's Laws and the Second Law of Thermodynamics

SKILLS

Computer Skills: Java, MATLAB, SPSS, R (Programming Language), SAS Programming, Python, GitHub, Microsoft Office (Word, Excel, PowerPoint), EBM Search strategies, Mendeley, EndNote

Languages: Arabic (native), English (fluent)

Technical Skills: Advanced Life Support (AHA ACLS), Basic Life Support (AHA BLS), Red Cross First Aid Trainee, Ultrasound Guided Insertion of Peripheral IVs, Midlines, Central Lines, & Arterial Lines

CERTIFICATES AND AWARDS

PGY-2 Resident of the year awarded for outstanding overall performance

2022 - 2023

Coursera [Collaborative effort between Lebanese Ministry of Labor & United Nations Economic and Social Commission for Western Asia]

Imperial College London

- Infectious Disease Modelling Specialization **December 2020**
 - Building on the SIR Model **December 2020**
 - Interventions and Calibration **December 2020**
 - Developing the SIR Model **November 2020**

DeepLearning.AI

- Neural Networks and Deep Learning **December 2020**

SAS

- Getting Started with SAS Programming **December 2020**

Johns Hopkins University

- R Programming **February 2021**
- The Data Scientist's Toolbox **December 2020**
- Patient Safety and Quality Improvement: Developing a Systems View (Patient Safety I) **December 2020**
- COVID-19 – Contact Tracing **November 2020**

University of Florida

- COVID-19 - A clinical update **November 2020**

Osmosis

- COVID-19: What You Need to Know (CME Eligible) **November 2020**

Won 2nd place at the 7th Annual Clinical Research E-Open House at AUBMC

May 2020

Graduated BS in Physics with Distinction and was on the Dean's Honor List

2011-2014

Medical Residents' Research Committee	2023 - Present
Associate Faculty Member of Faculty Opinions F1000	May 2019-Present
Presented at the 7 th Annual Clinical Research E-Open House at AUBMC	May 2020
Presented an Abstract Presentation at HRS 2020 Science	May 2020
Attendee of the 1 st Middle East Lung Cancer Congress	June 2019
Attendee of the AKH Inc. Management of the Hospitalized Heart Failure Patient	June 2019
Attendee of the SANOFI Endocrinology SpR Meeting in Dublin, Ireland	January 2018
Attendee of the Regional Integrative Health Forum at AUB	February 2017
Attendee of the International Annual Congress of the Lebanese Society of Ob/Gyn	October 2016
Volunteer at Saint Jude Children's Center of Lebanon	Fall 2013
Delegate at MUN (Model United Nations) at LAU	April 2010

PUBLICATIONS

1. Abi Melhem, R., El Bizri, A., Mustafa, A., Jalloul, Y., Wei, C., Grovu, R., Lafferty, J., Majzoub, M. (2023, April 19). Cardiac Sequelae of Intravenous Immunoglobulin Infusion [Presentation]. In Staten Island University Hospital Department of Medicine Research Day.
2. K. El Gharib, C. Wei, R. Grovu, A. Mustafa, F. Sakr, Y. Jalloul, G. Khattar, F.S. Siddiqui, and H. El Hage. Determinants of Right Ventricular Failure in Pulmonary Hypertension Type 1. B57 INTERMEDIATES, CORRELATES, AND SURROGATES, OH MY!: NOVEL END POINTS AND ASSESSMENTS IN PVD. p. A3757-A. https://doi.org/10.1164/ajrcm-conference.2023.207.1_MeetingAbstracts.A3757
3. Eltarras A, Jalloul Y, Assaad O, et al. Epidemiology, etiology, and outcomes of in-hospital cardiac arrest in Lebanon. *J Geriatr Cardiol*. 2021;18(6):416-425. <https://doi.org/10.11909/j.issn.1671-5411.2021.06.005>
4. Refaat M.M., Jalloul Y., Mansour M. (2020) Atrial Fibrillation: Catheter Ablation and a Hybrid Approach. In: Yan GX., Kowey P., Antzelevitch C. (eds) Management of Cardiac Arrhythmias. Contemporary Cardiology. Humana, Cham. https://doi.org/10.1007/978-3-030-41967-7_17
5. Jalloul Y, Refaat MM. Catheter Ablation of Atrial Tachycardias after Mitral Valve Surgery. *J Cardiovasc Electrophysiol*. 2020;1-3. <https://doi.org/10.1111/jce.14667>
6. Refaat, M.M., Jalloul, Y., Sleiman, W., Zgheib, A., Makki, M., Tamim, H. & Bou Khalil, P. (2020, May 28). The Prevalence of Right Sided Heart Failure among Patients with Chronic Obstructive Pulmonary Disease [ePresentation]. In 7th Annual Clinical Research E-Open House at AUBMC.
7. El Tarras, A., Assaad, O., Jalloul, Y., & Refaat, M.M. (2020, May 28). Epidemiology and Etiology of Inpatient Cardiac Arrest at the American University of Beirut Medical Center (AUBMC) [ePresentation]. In 7th Annual Clinical Research E-Open House at AUBMC.
8. Refaat, M.M., Jalloul, Y., Roumi, J., Makki, M., Tamim, H. & Eid, S. (2020, May 8). Admissions for atrial fibrillation in the elderly population: Evaluation of demographic predictors of mortality from the national inpatient sample [ePoster]. In HRS 2020 Science Series. Retrieved from <https://cslide-us.ctimeetingtech.com/hrs20/attendee/eposter/poster/1234>
9. Jalloul, Y. and Refaat, M.M. (2020), Patients' Experience after Cryoballoon Ablation Under Moderate Sedation and General Anesthesia. *J Cardiovasc Electrophysiol*. Accepted Author Manuscript. <https://doi.org/10.1111/jce.14545>
10. Jalloul, Y. and Refaat, M.M. (2020), Flecainide increased capture threshold in permanent His-bundle pacing. *Pacing Clin Electrophysiol*, 43: 357-359. <https://doi.org/10.1111/pace.13887>

11. Jalloul, Y. and Refaat, M.M. (2020), Brugada syndrome and chest pain. *Pacing Clin Electrophysiol*, 43: 364-364. <https://doi.org/10.1111/pace.13882>
12. Jalloul, Y., & Refaat, M. M. (2020). Left ventricular apical thinning. *Journal of Cardiovascular Electrophysiology*, 31(4), 921–923. <https://doi.org/10.1111/jce.14385>
13. Jalloul, Y., & Refaat, M. M. (2020). Novel variants in TECRL cause catecholaminergic polymorphic ventricular tachycardia. *Journal of Cardiovascular Electrophysiology*. <https://doi.org/10.1111/jce.14443>
14. Jalloul, Y. and Refaat, M.M. (2020), Electrocardiographic characteristics in detecting pacemaker battery depletion. *Pacing Clin Electrophysiol*, 43: 10-11. <https://doi.org/10.1111/pace.13829>
15. Jalloul, Y. and Refaat, M.M. (2019), The utility of the Florida Shock Anxiety Scale: What have we learned?. *Pacing Clin Electrophysiol*, 42: 1302-1303. <https://doi.org/10.1111/pace.13794>
16. Jalloul, Y., & Refaat, M. M. (2019). IL-6 Rapidly Induces Reversible Atrial Electrical Remodeling by Downregulation of Cardiac Connexins. *Journal of the American Heart Association*, 8(16). <https://doi.org/10.1161/jaha.119.013638>

CURRENT RESEARCH PROJECTS

1. Cardiac Sequelae of Intravenous Immunoglobulin (IVIG) Infusion [Pending Journal Approval]
2. Risk of Structural Heart Disease in Patients with Inflammatory Bowel Disease [Statistical Analysis Phase]
3. Assessment of Myocardial Bridging prevalence, symptoms, & management at Staten Island University Hospital as detected by CCTA
4. A review of atrial fibrillation management in patients with end-stage renal disease
5. Usefulness of acoustic cardiography parameters to predict outcome after cardiac resynchronization therapy
6. Markers of Right-Sided Heart Failure as Predictors of Chronic Obstructive Pulmonary Disease
7. Admissions for atrial fibrillation in the elderly population: evaluation of demographic predictors of mortality from the National Inpatient Sample

QUALITY IMPROVEMENT PROJECTS

1. Improving Referrals to Subspecialists in Clinic – Pulmonary: Reduction of Asthma readmissions through creating an Asthma Action Plan
2. Health Disparities: Improving outpatient patient experience through targeting primary care prevention including immunization, cancer screening, & ASCVD risk reduction