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**MOHAMMED BU SAAD, MBBS, MPH, DrPH (c)**

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**Education**

**University of Pittsburgh** Pittsburgh, United States  
DrPH in Epidemiology. GPA (so far): 3.95/4 August 2016 - Present

**Johns Hopkins University** Baltimore, United States  
MPH, Concentration of Epidemiology & Biostatistics. GPA: 3.7/4 Graduation Date: 12/18/2015

**Capstone Project:** Urinary Alanine as a biomarker and incidence of type II diabetes

**King Faisal University** Al Ahsa, Saudi Arabia  
MBBS, Bachelor of Medicine & Surgery. GPA: 3.75/4 Graduation Date: 04/17/2013

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**University of Pittsburgh** Pittsburgh, United States  
Certificate in Global Health.  
Certificate in Public Health Programs Evaluation

**Queen Margaret University, IHD** [Summer courses] Edinburgh, United Kingdom  
Courses were in: August 2011

- Economics of Health Systems
- Economic Evaluation of Health Care
- Economic Cost of Sickle Cell Disease Patients in Saudi Arabia (Supervised Research Project)

**Experience**

**UPMC Children's Hospital of Pittsburgh** Pittsburgh, United States  
**Internship** May 2019 – September 2019

- Worked on conducting a process and outcome evaluation of an initiative at the emergency department of Pittsburgh Children's Hospital that focused on addressing the problem of food insecurity in hospital settings.
- Conducted pre-post analysis of the process, short-term, and medium term outcomes. This analysis was done through in-person interviews for caregivers, and email surveys for care providers at two time points (5 months apart).

**Early Head Start Organization (EHS)** Pittsburgh, United States  
**Summer intern** June 2018 – August 2018

This internship was arranged through Bridging the Gaps Organization and the University of Pittsburgh. The internship involved working with community-based organizations that work with underserved populations in Pittsburgh area and focus on child development, health services, mental health, nutrition, family support, disabilities, community partnerships, and pregnancy. As part of my duties in this projected, I had:

- Conducted a Community Needs Assessment of the families and areas that EHS serves in Pittsburgh, to identify and understand local needs and resources.
- Administered surveys and conducted in-person interviews with parents and families that EHS serves.

- Summarized the needs assessment results and submitted them to EHS to better understand the needs of their communities, and ultimately, optimize the program to best serve the needs of the EHS families in Pittsburgh area.

**Johns Hopkins University**  
**Post-Doctoral Research Fellow - Department of Epidemiology**

Baltimore, United States  
 January 2016 – August 2016

I was on a research fellow position for six months, and by the end of this training I had achieved the followings:

- Had a research experience concerning public health practice issues of relevance to the Gulf Region based on the department's current contracts with the Saudi Health Council in Riyadh, Kingdom of Saudi Arabia, with the Supreme Council on Health in Doha, State of Qatar and with the Health Authority of Abu Dhabi, United Arab Emirates
- Got involved in the documentation of the role of public health and strategies for implementing new models which dovetail with primary care and the tertiary hospital systems in each country
- Worked on analysis and reports preparation of survey data of the Saudi population on their knowledge of early detection of disease and screening histories and their awareness of health education issues
- Participated in planning a national household survey in Abu Dhabi on diet, nutrition and health

**University of Dammam**  
**Lecturer - Department of Family and Community Medicine**  
**Teaching Assistant - Department of Family and Community Medicine**

Dammam, Saudi Arabia  
 October 2017 – Present  
 September 2013 – May 2014

- Led students' groups in the course of Field Epidemiology teaching them about the basics of public health surveillance and risks assessment
- Organized health promotion campaign to educate the public and raise their health awareness
- Facilitated and helped in holding some Research Methodology and Evidence Based Medicine courses
- Participated in workshops led by Monash University to modernize University of Dammam Medical School's Curriculum to be comprehensive of burden of diseases in Saudi Arabia
- Prepared a paper on Hajj Health Hazards (annual religious mass gathering that takes place in city of Makkah, Saudi Arabia), the paper was used in the update of Public Health Course in University of Dammam Medical School's Curriculum.
- Led medical students groups in educational schools visits about "New technology and smart phones health problems".
- Participated in data collection for a study about "Awareness of new technology health hazards among intermediate school students in Dammam, Saudi Arabia"

**Different hospitals**  
**Medical Internship in different medical and surgical specialties**

Al Ahsa, Dammam, and Riyadh, Saudi Arabia  
 August 2012 – July 2013

## Leadership and Activities

<b>Council of Three Rivers American Indian Center (COTRAIC)</b> Volunteer at Oral Health Campaign	Baltimore, United States 2018
<b>Saudi Health Organization</b> Vice president of internal affairs	Baltimore, United States July 2015 – May 2016
<b>Susan Komen Maryland</b> Volunteer at a Breast Cancer Campaign	Baltimore, United States 2015
<b>Saudi Food and Drug Authority</b> Manager of Medication Safety Campaign	Al Ahsa, Saudi Arabia 2014
<b>World Assembly of Muslim Youth</b> President of Medical Committee	Al Ahsa, Saudi Arabia May 2010 – May 2014
<b>HAYA Association</b> Volunteer in an Antismoking Campaign	Al Ahsa, Saudi Arabia 2012
<b>Saudi Cancer Foundation</b> Volunteer at a Breast Cancer Campaign	Al Ahsa, Saudi Arabia 2009, 2011, and 2012
<b>Saudi Aramco</b> Volunteer at World Health Day	Al Ahsa, Saudi Arabia 2011
<b>King Faisal University</b> Volunteer at World Health Day	Al Ahsa, Saudi Arabia 2010

## Publications

### Published

Alghnam, Suliman, Saleh A. Alessy, Mohamed Bosaad, Sarah Alzahrani, Ibrahim I. Al Alwan, Ali Alqarni, Riyadh Alshammari, Mohammed Al Dubayee, and Majid Alfadhel. "The Association between Obesity and Chronic Conditions: Results from a Large Electronic Health Records System in Saudi Arabia." *International Journal of Environmental Research and Public Health* 18, no. 23 (2021): 12361.

Devaraj, Susan M., Jenna M. Napoleone, Rachel G. Miller, Bonny Rockette-Wagner, Vincent C. Arena, Chantele Mitchell-Miland, Mohammed Bu Saad, and Andrea M. Kriska. "The role of Sociodemographic factors on goal achievement in a community-based diabetes prevention program behavioral lifestyle intervention." *BMC Public Health* 21, no. 1 (2021): 1-11.

King, Wendy C., Amanda S. Hinerman, Gretchen E. White, Anita P. Courcoulas, Mohammed A. Bu Saad, and Steven H. Belle. "Associations between Physical Activity and Changes in Weight Across 7 Years following ROUX-en-Y Gastric Bypass Surgery: A Multicenter Prospective Cohort Study." *Annals of surgery* (2021).

Amin, Tarek Tawfik, Khalid Ibrahim Al Noaim, Mohammed Ahmed Bu Saad, Turki Ahmed Al Malhm, Abdullah Abdulaziz Al Mulhim, and Marwah Abdulaziz Al Awas. "Standard precautions and infection control, medical students' knowledge and behavior at a Saudi university: the need for change." *Global journal of health science* 5, no. 4 (2013): 114.

### **Submitted & in preparation**

The Role of the Neighborhood Walkability on Physical Activity Changes Among Lifestyle Modification Intervention's Participants

Neighborhood Walkability is Associated with Physical Activity and Prediabetes in a Behavioral Weight Loss Study: A Secondary Analysis

### **Oral Presentations**

Characterizing physical activity and mental health in pregnant women in the U.S. – University of Pittsburgh, Graduate School of Public Health Dean's Day, 2019

Parental Needs Assessment - Early Head Start Program – University of Pittsburgh, Graduate School of Public Health, The Global Health Open House Poster Presentation Day, 2018

Urinary Alanine as a biomarker and incidence of type II diabetes – Johns Hopkins University, Bloomberg School of Public Health, 2015

## **Skills & Interests**

### **Technical:**

- Stata (Data Analysis and Statistical Software)
- SAS (Data Analysis and Statistical Software)
- QGIS (Geographic Information System Software)
- Microsoft Office Software (Word, Power Point, and Excel)
- Adobe Photoshop (Graphic design software)

### **Language:**

- Arabic (Native)
- English (fluent)

### **Interests:**

- Participating in social and community-based activities and health promotion campaigns
- Getting engaged in variety of sport activities.