

Omar T. Tahtamooni, PhD, MPH, MD

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EDUCATION

PhD in Public Health, Environmental and Occupational Health August 2021
University of Pittsburgh, Graduate School of Public Health, Pittsburgh, PA
Title of Dissertation: The Association between Polycyclic Aromatic Hydrocarbons Exposure and Health Outcomes in Older United States Adults.

Master of Public Health, Global Health and Emergency Preparedness December 2016
Wright State University, Boonshoft School of Medicine, Dayton, OH
Title of Master's Thesis: The Association of secondhand tobacco smoke with abdominal adiposity in the United States population.

Bachelor of General of Medicine June 2010
Kharkiv National Medical University, Kharkiv, Ukraine

SUMMARY OF QUALIFICATIONS

- Experience working with datasets from environmental health and epidemiological studies
- Experience with the critical evaluation and interpretation of epidemiological literature
- Ability to conduct both independent and team-based research
- Familiarity with outbreak investigations, such as foodborne and infectious diseases
- Regularly collaborate with researchers to prepare manuscripts and communicate study results
- Strong written and verbal communication skills as demonstrated in publications and presentations
- Experience in promoting public health policies
- Ability to establish and maintain effective working relationships with local health officials and the general public
- Advanced knowledge of IBM SPSS Statistics, ArcGIS geographic information system, and GeoDa spatial data analysis

ACADEMIC EXPERIENCE

Miami University Department of Kinesiology, Nutrition, and Health, Oxford, OH August 2022-Present
Visiting Assistant Professor

Courses Taught:

- KNH 221 Social Marketing in Public Health
- KNH 424 Health Disparities Past and Current
- KNH 441 Environmental Health

University of Pittsburgh School of Public Health, Pittsburgh, PA September 2017-December 2019
Graduate Student Researcher

- Conducted and analyzed environmental health research projects, including health safety, hazardous material exposure, risk assessment, and other environmental health research projects

- Collaborated with researchers from different fields in the development of manuscripts and abstracts
- Applied statistical methods including linear regression analysis, multivariate analysis, and categorical data analysis

University of Pittsburgh School of the Health Sciences, Pittsburgh, PA July 2020 – August 2020
Student Researcher

- Conducted literature reviews on COVID-19 incidence, testing, hospitalization, and mortality by environmental exposures
- Assembled a database from available public data
- Conducted preliminary analyses and prepared report of findings

PROFESSIONAL EXPERIENCE

Ohio Department of Health & Public Consulting Group, Columbus, OH October 2020- October 2021
COVID-19 Contact Tracer

- Conduct phone interviews with individuals who have been exposed to COVID-19 patients
- Collect and recorded individuals' symptom information into a database
- Advise individuals to follow appropriate protocols, including self-quarantine and self-isolation
- Consult and communicate approved information to respond to individuals' questions and concerns

Jordan Ministry of Health, Amman, Jordan September 2010- May 2014
General Practitioner

- Worked in emergency rooms and various medical departments including Primary Healthcare, Internal medicine, Gynecology & Obstetrics, Pediatrics, and General Surgery.
- Diagnosed, treated, and prescribed medications, vaccinations, and conducted minor surgeries.

PUBLICATIONS

1. Khalil, N., Wallace, K., **Tahtamooni, O.**, Rogers, N.L., & Nahhas, R.W. (2018). Association of secondhand smoke with increased sagittal abdominal diameter in the United States population: National health and nutrition examination survey 2011–2012. *Environmental Disease*, 3, 45-51.

Submitted

1. **Tahtamooni, O.**, Albert, S., Hyder, A., Abdel-Rasoul, M., & Barchowsky, A. (2021). The Association between Polycyclic Aromatic Hydrocarbons Exposure and Cognitive Performance in the United States Older Adults. (Submitted to PLOS One Journal).
2. **Tahtamooni, O.**, Albert, S., Abdel-Rasoul, M., & Barchowsky, A. (2021). The Effect of Polycyclic Aromatic Hydrocarbons Exposure on Hypertension by Race in the United States Older Adults (National Health and Nutrition Examination Survey: 2011-2014). (Submitted to PLOS One Journal).

ACADEMIC ACTIVITIES

- Schools of the Health Sciences “Health Disparities and Social Justice” Virtual Poster Competition, University of Pittsburgh 2021
- Journal Club, University of Pittsburgh (presenting different health-related topics) 2017-2019

RELEVANT COURSEWORK

- **Emergency Preparedness Projects**

Conducted Mega Disaster Combined, Public Health Crisis Report, Ebola outbreak, and Roots of Terrorism research projects

- **Global Health projects**

Worked and conducted Policy Brief (Antibiotic Resistance), and Frugal Health Technology Reports

- **Community Health Assessment Projects**

Worked on Community Health Status of Two Specific Areas in the Dayton, Ohio: Centerville (zip codes 45458 and 45459) and Trotwood (zip code 45426) research project

- **Epidemiology project**

Performed and analyzed Tuberculosis in Ohio during 2010-2013 research project

- **Social and Behavioral Determinates in Health**

Performed and analyzed Logic Model Project (Adolescents and Young Adult Coital Behaviors)

SPECIAL SKILLS

- Experienced User with Statistical Packages: SPSS, ArcGIS, GeoDa
- Microsoft Windows and Office (Word, Excel, PowerPoint)
- Experienced with patient monitoring, customer service, and documentation review
- Languages: Fluent in Arabic and Russian

PROFESSIONAL AFFILIATIONS

- American Public Health Association, student member
- Jordan Medical Association

October 2016-present

April 2014-present