

Isis Magdy Mossad, MD, MS.

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Education

Doctorate Degree in Public Health, Ain Shams University November 2019

- Thesis titled "Utilization of electric air filtration in improving air quality in operating rooms and reducing the rates of surgical site infections (SSIs) in Pediatric Surgery department, Ain Shams University

Master of Science in Community Medicine and Public Health, Ain Shams University April 2015

Bachelor of Medicine and Bachelor of Surgery, Ain Shams University December 2009

- Graduated Excellent with Honors

Professional Experience

Lecturer of Public Health January 2020 - Present
Department of Community, Environmental and Occupational Medicine, Faculty of Medicine:
Ain Shams University

Assistant Lecturer of Public Health July 2015 – December 2019
Department of Community, Environmental and Occupational Medicine, Faculty
of Medicine: Ain Shams University

Teaching Assistant of Public Health July 2011 – July 2015
Department of Community, Environmental and Occupational Medicine, Faculty
of Medicine: Ain Shams University

Training

Health Literacy, Ophelia Tool, Egypt 2018 **Research**
Connect, British Council – Egypt 2017 **Good Clinical Practice,**
Pasteur Institute – Paris 2017 **Global Public Health**

Training in Disaster Preparedness and Nutrition 2011 – 2015
• Improving the Quality of Higher Education in Public Health Sciences 2011-2015 (HEPHS I and II)"
project through collaboration with the University of Eastern Finland

One year Internship, Ain Shams University Hospital 2010 - 2011

Research Experience

Consultant, Assessment of Healthcare Workforce and NCDs in Egypt.
2020-2021

- Conduct a landscape assessment on policies and gaps on health workforce and NCDs.
- Organize interviews and focus groups with healthcare professionals, and with people living with NCDs, to understand the gaps, challenges and opportunities in the health system and the health workforce from a comprehensive healthcare professional and patient perspective.
- wrote a summary report to inform country action on the subject.

Research coordinator, Smoking Cessation and Secondhand Smoking Avoidance Project, USAID

2018- Present

- Training curriculum development for Physicians and Nurses.
- Training program organizer.

Field Auditor, "Transforming Egypt's Health Care System Project", World Health Organization August 2019- October 2021

- Field visits to primary health care centers all over Egypt for Quality verification and Needs assessment.

Field Auditor, "100 Million Healthy Lives" Campaign, World Health Organization

September 2018- April 2019

- Monitoring the national HCV\NCD testing program testing sites and participants. Data entry for sites and participation checklists.

Monitor and Evaluation, Specialized Federation for Health System Improvement NGOs Outreach Initiative for Awareness and Health Education to Fight (Hepatitis C Virus) for Secondary School Students in Fayoum & Menoufia, World Health Organization.

September 2018-April 2019

- Conducted training in schools and educational departments. Monitoring to ensure the success of trainers in the delivery of scientific material to their colleagues. Conducted school visits.

Researcher, Investigative Mathematical Modeling the Hospital Transmission of Hepatitis (IMMHOTHEP), Modeling, Epidemiology and Health Risk Surveillance" Research Unit, the Conservatoire national des Arts et Métiers.

2017-Present

- Conducted field visits. Formed questionnaires modification and translation. Trained and audited data collectors. Data entry, cleaning, and management.

Monitor, National Population Council January

2017- September 2017

- Demographic, Economic and Health indicators in some governorates of Egypt, Pilot testing of questionnaires and data collection.

Researcher, Gender Assessment of the National HIV Response in Egypt, National AIDS Program Egypt, UNAIDS- UN women 2015

- Performing several focus group discussions with HIV key population and in-depth interviews with stakeholders, sharing in final report writing.

Stakeholder Interviewer, The New Social Health Insurance Law in Egypt 2014 - 2015

- In-depth interviews with stakeholders to discuss the new Law.

Publications

- **Mossad I.M.**, El Awady M.Y.and Nagwa M Abo El Magd., Effect of Electronic Air Filtration Technology on Air Quality in Operation Rooms (Cairo-Egypt),International Journal of Academic Research,Vol.5,Issue-12,2018.
- M.Y. El Awady, A.T. Abd El Rahman, L.S. Al Bagoury and **I.M. Mossad**. Air Quality in Ain Shams University Surgery Hospital, J. Egypt. Soc. Parasitol. (JESP), 44(3), 2014: 747- 757.

- Samia A. Girgis, Moshira Halim, Ihab S. Habil, Wafaa M. Hussein, **Isis M. Mossad**, Ahmed Abdel-aziz, Ayman M. Saleh, Ashraf Omar, Mahmoud El-Meteini, Investigation of a COVID-19 outbreak in a University Cardio-Thoracic Hospital in Cairo: exploration of the risk to healthcare workers and patients, *E802J PREV MED HYG* 2021; 62: E802-E807 · Dec 30, 2021.
- Taha SI, Shata AK, Baioumy SA, Fouad SH, Anis SG, **Mossad IM**, Moustafa NM, Abdou DM, Youssef MK. Toll-Like Receptor 4 Polymorphisms (896A/G and 1196C/T) as an Indicator of COVID19 Severity in a Convenience Sample of Egyptian Patients. *J Inflamm Res.* 2021 Nov 27;14:6293-6303. doi: 10.2147/JIR.S343246. PMID: 34866927; PMCID: PMC8636845.
- Maha M. Wahdan, Mohamed Y. El-Awady, Nagwa M. Abo ElMagd, Amany T. Abd Elrahman, **Isis M. Mossad**, Ghada O. Wassif, Surveillance and Effect of Electronic Air Filtration Surveillance and Effect of Electronic Air Filtration on Surgical Site Infection in Operating Rooms of a Pediatric Surgery Department, *The Egyptian Journal of Community Medicine*, 2021, volume (39).
- Samia A. Girgis, Hala M. Hafez, Hoda Ezz Elarab, Basma Sherif, Moshira H. Sabry, Iman Afifi, Fatma Elzahraa Hassan, Amira Reda, Shaimaa Elsayed, Asmaa Mahmoud, Petra Habeb, Ihab S. Habil, Rasha S. Hussein, **Isis M. Mossad**, Ossama Mansour, Ashraf Omar, Ayman M. Saleh, Mahmoud El-Meteini, SARS-CoV-2 PCR positivity rate and seroprevalence of related antibodies among a sample of patients in Cairo: Pre-wave 2 results of a screening program in a university hospital, Published: July 15, 2021, <https://doi.org/10.1371/journal.pone.0254581>.
- Anwar WA, El Gaafary M, Girgis SA, Rafik M, Hussein WM, Sos D, **Mossad IM**, Fontanet A, Temime L. Hepatitis C virus infection and risk factors among patients and health-care workers of Ain Shams University hospitals, Cairo, Egypt. *PLoS One.* 2021 Feb 8;16(2):e0246836. doi:10.1371/journal.pone.0246836. PMID: 33556152; PMCID: PMC7870060.
- Hala EL-Sayed Abd EL-Hafiz Shams EL-Din, Ghada Essam Aldin Amin, Reem Mohamed Sallam, **Isis Magdy Mossad Shehata**, Relation between Serum and Dietary Zinc Levels and Irritable Bowel Syndrome (IBS) in Medical Students of Ain Shams University, *QJM: An International Journal of Medicine*, Volume 116, Issue Supplement_1, June 2023, hcad069.628, <https://doi.org/10.1093/qjmed/hcad069.628>
- Yosra Abd El-Rahman Abd Allah Salem, **Isis Magdy Mossad Shehata**, Mohamed El Sökkary, Mohamed El-Awady, Quality of Antenatal Care Services in Four Accredited Primary Health Care Centers in Cairo, Egypt, *QJM: An International Journal of Medicine*, Volume 116, Issue Supplement_1, June 2023, hcad069.278, <https://doi.org/10.1093/qjmed/hcad069.278>
- **Preprint:** Paul Henriot, Wagida A. Anwar, Maha El Gaafary, Samia Abdo, Mona Rafik, Wafaa M. Hussein, Dalia Sos, **Isis Magdy**, Kévin Jean, Laura Temime. Preventing iatrogenic HCV infection: A quantitative risk assessment based on observational data in an Egyptian hospital. *medRxiv*; 2022. DOI: 10.1101/2022.07.22.22277938.

Activities

- Public Health Consultancy Volunteer work at Unraveling Obesity, INC ,United states.
- Active participation in Community dialogue episodes on the new Social Health Insurance law in Egypt. 2014 - 2015
- Active participation in Stakeholders dialogue about new nutritional strategy for Egypt.
- Organizing healthy food day campaigns in Faculty of Medicine Ain Shams University.
- Social Media Admin, “Hepatitisc2018”. Provide latest news and Health education topics about HCV prevention and treatment

Skills

Technical: ICDL, SPSS

Languages: Arabic, English