

MOHAMAD HOUSSAM M. TAMIM

3515 KARIYA DR, UNIT 2309, MISSISSAUGA, ONTARIO, CANADA, L5B 0C1

Email: mhutamim@hotmail.com

SUMMARY AND OBJECTIVE

Radiation protection expert, with a rigid educational background, endorsed by 10 years of practical and managerial experience in radiation protection at one of the major educational and health care institutions in the Middle East, seeking a job opportunity in the radiation protection field.

HIGHLIGHT OF QUALIFICATIONS

- Experience in both the practical implementation and the executive management of radiation protection program in health care facilities.
 - In-Depth knowledge of radiation physics, radiation biology, and radiation protection theories.
 - In-Depth knowledge of the International radiation safety/security regulations.
 - Knowledge of the Canadian radiation safety/security regulations.
 - Excellent interpersonal and presentation skills.
 - Excellent computer skills (Website editing, MS Office Suite, Programming, AutoCad ...)
 - Fluent in written and spoken Arabic (native), English, French, in the process of learning Spanish.
 - Dedicated team player and efficient team leader.
 - Fast learner, good listener, and hard worker.
 - Excellent planning, time management, problem solving, and organizational skills.
-

PROFESSIONAL DESIGNATIONS

- Certified Medical Laser Safety Officer, Board of Laser Safety, USA, 2013
 - Candidate for the CRPA(R) Designation, Canada, Registered for the May 2015 Examination
-

ACADEMIC QUALIFICATIONS

(Evaluation and Canadian Equivalency granted by World Education Services – Canada, ref: 2554692)

- **M.Sc. in Physics, Specializing in Radiation Protection**
Beirut Arab University, Lebanon, June 2013
Thesis: Radiation Protection Requirements and Quality Assurance Program for the Establishment of New Cyclotron Facilities in Medical Institutions
- **Master of Engineering Management**
American University of Beirut, Lebanon, 2005
Thesis: A new algorithm for the Open Vehicle Routing Problem
- **Bachelor of Engineering, Telecommunications and Electronics Engineering**
Beirut Arab University, Lebanon, 2002

MOHAMAD HOUSSAM M. TAMIM

3515 KARIYA DR, UNIT 2309, MISSISSAUGA, ONTARIO, CANADA, L5B 0C1

Email: mhutamim@hotmail.com

WORK EXPERIENCE

University Radiation Safety Officer

February 2009 till present

Head of the Health Physics Services Unit

Environmental Health, Safety and Risk Management Department (EHSRM)

American University of Beirut (AUB)

- Management of the Health Physics Services Division; direct supervision of two Radiation Protection Specialists.
- Coordination with the Lebanese Atomic Energy Commission to fulfill all the national licensing requirements, and acting as liaison between AUB and the Commission.
- Management and enforcement of the Radiation Protection and the Laser Safety Programs at AUB (Campus and Medical Center).
- Issuance of procedures and policies pertaining to radiation safety based on standards issued by local and international radiation regulatory authorities/commissions.
- Preparation and presentation of training sessions for radiation users (Physicians, Principal Investigators, residents, staff, and research assistants) for the various concerned departments at AUB.
- Review of technical documents and shielding designs pertaining to the purchase of radiological equipment.
- Management of the University Radiation Safety Program including: quality control program for radiation counters and detectors, Iodine Therapy radiation safety program, personnel and area monitoring programs for radiation exposure, supervision and monitoring of laboratories workers & technicians to assure safe handling of radioactive materials.
- Gained experience in life safety, fire safety, chemical safety, Lab. safety and Biosafety by assisting and coordinating with other units of EHSRM.
- Served as member of AUB Emergency Response Team (Fire and HAZMAT) since 2005.
- Served for secretary of the University Radiation Safety Committee since 2006.

Health Physicist, Assistant Radiation Safety Officer

July 2007 till February 2009

Environmental Health, Safety and Risk Management Department (EHSRM)

American University of Beirut (AUB)

Health Physicist

April 2005 till July 2007

Environmental Health, Safety and Risk Management Department (EHSRM)

American University of Beirut (AUB)

MOHAMAD HOUSSAM M. TAMIM

3515 KARIYA DR, UNIT 2309, MISSISSAUGA, ONTARIO, CANADA, L5B 0C1

Email: mhutamim@hotmail.com

Computer Laboratory Administrator

October 2003 till March 2005

Community-Service & Continuing-Education Center
Beirut Arab University

- Administrative assistance in the preparation for seminars and lectures that took place under the supervision of CCC (Brochures, Invitations ...)
 - Supervision and management of the laboratory use by students.
 - Software Maintenance.
-

PROFESSIONAL ACHIEVEMENTS

- Established a solid, organized, and professional radiation protection program at the American University of Beirut.
- Issued the first Laser Safety Program at the American University of Beirut.
- Achieved the licensing of the American University of Beirut by the Lebanese Atomic Energy Commission for possession and use of ionizing radiation sources for the first time in 2009, and maintained the licenses thereafter.
- Arranged with the Lebanese Atomic Energy Commission to package and group the long lived radioactive waste of the AUB in a centralized and secure waste storage area in compliance with the IAEA requirements.
- Planned and implemented the project of removal and repatriation of an unneeded radioactive Cobalt-60 therapy source in coordination with the Lebanese Atomic Energy Commission.
- Participated in AUB's Medical Center achievement of the Joint Commission International accreditation by ensuring compliance with the radiation safety requirements.
- Performed shielding designs for various diagnostic and therapeutic radiology units at the AUB Medical Center: Linear accelerators, CT machines, X-Ray machines, PET facility.
- Issued the engineering and administrative radiation safety requirements for the establishment of the cyclotron facility at the AUB Medical Center.

MOHAMAD HOUSSAM M. TAMIM

3515 KARIYA DR, UNIT 2309, MISSISSAUGA, ONTARIO, CANADA, L5B 0C1

Email: mhutamim@hotmail.com

PROFESSIONAL TRAININGS

- **Medical Laser Safety Officer**, Laser Institute of America, Florida – USA, 2013.
- **Regional Training Course on Security of Radioactive Sources**, IAEA, Beirut, 2012.
- **Internal Dosimetry**, IAEA, Beirut, 2012.
- **Health Effects of Ionizing Radiation**, Radiation Safety Academy (Online), USA, 2008.
- **Fluoroscopy Safety**, Radiation Safety Academy (Online), USA, 2008.
- **X-Ray Safety Awareness**, Radiation Safety Academy (Online), USA, 2008.
- **Radioactive Waste Management and Disposal**, Radiation Safety Academy (Online), USA, 2008.
- **Radioactive Materials Package Receipt and Inspection**, Radiation Safety Academy (Online), USA, 2008.
- **Fundamentals of Radiation Safety**, Radiation Safety Academy (Online), USA, 2008.
- **Basic Radiation Safety**, Radiation Safety Academy (Online), USA, 2008.

MOHAMAD HOUSSAM M. TAMIM

3515 KARIYA DR, UNIT 2309, MISSISSAUGA, ONTARIO, CANADA, L5B 0C1

Email: mhutamim@hotmail.com

REFERENCES

1. Dr. Bilal Nsouli

Director

Lebanese Atomic Energy Commission

Beirut, Lebanon

Phone: 00961-1-450811

Email: bnsouli@cnrs.edu.lb

2. Dr. Adnan Tahir

Director and Chief Medical Officer

American University of Beirut Medical Center

Beirut, Lebanon

Phone: 00961-1-350000, ext: 6000

Email: at39@aub.edu.lb

3. Dr. Fady Geara

Chairman

Radiation Oncology department and Radiation Safety Committee

American University of Beirut Medical Center

Beirut, Lebanon

Phone: 00961-1-350000

Email: fg00@aub.edu.lb

4. Dr. Samira Kaissi

Managing Director

Basic Research

American University of Beirut Medical Center

Beirut, Lebanon

Phone: 00961-1-350000

Email: sk95@aub.edu.lb