

Yaseen Ahmed Auf

A dedicated academic, researcher, and certified radiation technology specialist with a Master's degree in Radiation Biology and currently a PhD candidate in Radiobiology at Alexandria University. With 12+ years of academic experience (between being a teaching assistant and an assistant lecturer), I have honed my skills in teaching and developing curriculum across various radiological sciences. My expertise spans diagnostic imaging, radiation therapy, radiation protection and patient safety, with a commitment to fostering educational environments that promote both technical proficiency and holistic development. My practical experience in clinical settings complements my academic roles, involving advanced therapeutic techniques using state-of-the-art radiation technology. I am passionate about advancing the field of radiology through continuous learning and innovation.



Nationality

Egyptian

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Education

2022/02 – Present Radiobiology PhD Candidate.

Department of Radiation Science.

Alexandria University.

Thesis title: Studying the Correlation Between FDG PET-CT Metabolic Parameters and the Expression of Circular RNA CircHIPK3 and CircLONP2 in Metastatic Colorectal Cancer Patients

2014/02 – 2020/01 Master's degree in Radiobiology.

Department of Radiation Science.

Alexandria University.

Thesis title: Study of the Effect of Occupational Exposure to Low Doses of Ionizing Radiation on Serum Immunoglobulin and Complement Levels and Main T-cell Subsets in Hospital Radiation Workers.

2008/09 – 2013/10 Bachelor's degree in Radiology and Medical Imaging.

Faculty of Applied Medical Science.

October 6 University.

Academic Experience

2025/09 - Present Assistant Lecturer.

Faculty of Applied Health Science.

Horus University - Egypt

- Delivering core practical sessions radiology and medical imaging students in a variety of radiological sciences, with a focus on subjects such as Radiological Physics and Instrumentation, Dosimetry, Fundamentals of Radiology and Radiation Protection.
- Supporting the early-stage development of the faculty by contributing to the design and implementation of foundational courses and laboratory activities.
- Participating in establishing academic standards and assessment frameworks to ensure consistency and quality in teaching and student evaluation.
- Engaging in departmental meetings, educational workshops, and professional development initiatives to support the faculty's growth and alignment with accreditation standards

2021/10 – 2025/08 Assistant Lecturer.

Higher Technology Institute for Applied Health Science.

Badr Institute of Science and Technology.

- Preparing and delivering lectures (Introduction to Radiation, Radiological Anatomy I/II, Nuclear Physics I/II, Radiation Therapy I/II, Plain Radiography I/II, CT, Ultrasound, Radiation Protection, Patient Safety I/II, Pediatric Radiology Techniques), tutorials, workshops, and seminars.
- Organized and implemented practical programs and assessments (MRI, Ultrasound, Nuclear Physics/Medicine, Radiological Anatomy, Radiation Protection and Radiation Therapy).
- Developing curricula and course material that can be used across a number of platforms.
- Setting and grading assignments, tests, and exams.
- Attending and participating in meetings, conferences, and other events in and outside of the institution.
- Participating in training opportunities and initiatives at the institution.
- Providing support to students and other colleagues.

2020/03 – 2021/06 Assistant Lecturer. “Part-time”

Faculty of Applied Medical Science.

October 6 University.

- Implemented digital learning modules during the COVID-19 transition period.
- Responsible for carrying out teaching duties by delivering and demonstrating lectures and practical work (Nuclear Medicine 1 &

2, Radiobiology & Radiotherapy, DEXA, Woman Imaging Techniques ‘ultrasound & mammography’, Emergency Radiology, Interventional Procedures) to groups of students using advanced teaching techniques to inspire and motivate them for higher level qualifications and then future employment.

- Involved in course team activities and curriculum development for students.
- Assessing students’ course work and setting up mid-term, practical and oral exams, and helping in the making of results.
- Preparing and conducting online courses.
- Provided monitoring and support to students.

2013/11 – 2020/02 Teaching Assistant. “Part-time”

Faculty of Applied Medical Science.

October 6 University.

- Organized and implemented practical programs and assessments.
- Facilitate a discussion section or tutorial; hold weekly office hours; grade homework, programming assignments, exams, and projects.
- Delivered practical explanation for different radiological machines to groups of students.
- Keeping records; distribute and copy reading materials; prepare answer keys or supplementary notes; and act as the course web-master.
- Responsible for preparing learning material for practical courses and devising relevant practical activates for students.

Clinical Experience

2023/12 – 2024/06 Radiation Therapist. “Trainee”

International Medical Center

- Responsible for administering therapeutic doses of ionizing radiation; using advanced level linear accelerators and Tomotherapy treatment units (Varian Unique, Truebeam and Vitalbeam).
- Implement and deliver accurately the prescribed planned course of radiation therapy utilizing megavoltage equipment, adhering to acceptable departmental, institutional, governmental and professional standards.
- Performs routine and complex tumor localization procedures if required by supervisor using a CT simulator.

2023/05 – 2023/10 Radiation Therapist. “Trainee”

Children's Cancer Hospital Egypt 57357

- Providing individualized radiation therapy (LINAC/CyberKnife) treatments to patients, in consultation with the oncology team.
- Administering radiation therapies as per patient treatment plans.

- Using medical imaging equipment (CT/MRI Planning) to ensure treatments are delivered accurately.
- Assessing patients' reactions to treatments, providing advice on the side effects of treatments, and methods of alleviating these.
- Performing quality assurance tests on simulation and treatment machines to ensure they are in working order.

2016/08 – 2017/07 Radiation Technology Specialist.

Cairo Scan Radiology & Labs.

- Performed general x-ray, CT, and MRI examinations
- Executed fluoroscopic and CT contrast examinations involving contrast dye injection.

2012/11 – 2013/10 Radiology Internship.

- *October 6 University Hospital* (Conventional X-ray, Fluoroscopy, Contrast examinations, Ultrasound, Echocardiography, Computed Tomography, Dental radiography, Interventional procedures and Endoscopy).
- *Qasr El Eyni Hospital* (Radiotherapy and Nuclear Medicine).
- *Sayed Galal Hospital* (Magnetic Resonance Imaging – MRI)

Internships, Scientific Projects and Training

2024/11 – 2024/11 Participant, JINR Winter School on Nuclear Physics and Applications

Dubna, Moscow – Russia | November 05–22, 2024

Project Title: "Measurement of the response function of scintillation detectors to neutrons and high-energy gamma rays"

- Conducted advanced experiments and analysis on scintillation detector response to high-energy particles.
- Gained hands-on experience with nuclear physics instrumentation and methodologies.
- Collaborated with international researchers in a multidisciplinary setting, enhancing technical and teamwork skills.

Skills

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|------------------------|-----------------------|----------------------|
| ○ Radiology Expertise. | ○ Diagnostic Imaging. | ○ Fluoroscopy. |
| ○ Sonography. | ○ Advanced Anatomy. | ○ Radiation Therapy. |
| ○ Teamwork. | ○ Microsoft Office. | ○ MATLAB. |
| ○ Public Speaking. | ○ Communication. | ○ Flexibility. |
| ○ Time Management. | ○ Problem Solving. | ○ Leadership. |

Language Skills

Arabic
Native (mother tongue)

English
Advanced (C1)

German
Intermediate (B1)

Professional References

Prof. / Ismail Hegazy

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Technology
October 6 University

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Prof. / Mohammed Abdullah

Vice Dean, Faculty of Applied Health Science
Technology
October 6 University

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Dr. / Mohammad Samieh Nasr El Deen

Acting Head of the Radiology Department -
Faculty of Applied Health Science Technology
October 6 University

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Alexandria University

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Applied Health Science
Badr Institute of Science and Technology

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Dr. / Mohamed Hammam Sultan Nafady

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Technology
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