

CURRICULUM VITAE

Dr. Haytham Al Ewaidat

Contact Information

- **Mailing Address**
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Academic Training

- PhD Radiologic Technology
Thesis Title :(MEDICAL IMAGING: CT Dose from clinical and phantom study) Charles Sturt University. 2013.
- MSc Medical Imaging Science, Curtin University of Technology.2006
- BSc Medical Technique Radiology, Medical and Health Technology / Baghdad 2002

Professional Experience

Administrative Experience

- Vice Dean of Applied Medical Sciences, Associate Professor / Allied Medical Sciences 2018- 2022
- Vice Dean of Applied Medical Sciences, Assistant Professor / Allied Medical Sciences 2015-2017
- Acting Chairman of Allied Medical Sciences, Assistant Professor / Allied Medical Sciences 2014-2015
- Assistant Dean, Assistant Professor / Allied Medical Sciences 2013-2014

Administrative

Vice Dean:

- Worked collaboratively with the Dean in managing the affairs of the Faculty;
- Deputize for the Dean when he is not available or is delegated to do so;
- Responsible for the successful introduction of all program modifications and improvements in co-ordination;
- Assisted the Dean in disseminating regulations and explaining to the staff any modification in the University bylaws;

- Assisted the Dean in ensuring the adoption of high academic standards and quality assurance practices in learning and teaching throughout the Faculty;
- monitored the Examinations process including preparation of the examination and invigilation timetables, and supervising the examination officers, including copying , receipt and storage of examination papers;
- Solved student issues and problems within the JUST regulations in co-ordination with the Dean;
- To deputize any duties as agreed by the Dean;
- To undertake other duties as reasonably may be required by the Dean

Chairman of Allied Medical Sciences Department September 2014-15

- The department has three divisions: 1- Radiologic Technology 2-Paramedics 3-Optometry
- Students transfer academic follow up and paperwork
- Courses schedule building and fieldwork planning.
- Leading and organizing Graduate studies programs (MSc)
- Training supplies and equipment tenders' technical supervision.
- Local society services.
- Leading and organizing research activities.
- Cooperation and liaisons with other national and international institutions and foundations.

Academic Duties

- Teaching and conducting examinations.
- Carrying out innovative research and studies.
- Supervising graduate theses and scientific or social research, guiding students academically and ethically, and monitoring their activities and reports.
- Providing academic advising.
- Participating in university councils and committees, as well as in those in which the university is represented.
- Undertaking any activity that promotes the university and contributes to its advancement.
- Dedicating oneself to academic responsibilities within the university, striving to enhance its scientific mission, and maintaining the level befitting its status in research, teaching, guidance, and administration.
- Serving the community and contributing to its development.

Committees/Boards

- Chair and member of Allied Medical Sciences department council - Jordan University of Science & Technology.
- Member of Institutional Review Board committee (IRB) at King Abdullah University Hospital & Jordan University of Science & Technology.
 - Member of applied medical Sciences faculty council - Jordan University of Science & Technology.
- Chair and member of graduate studies committee at Allied Medical Science department - Jordan University of Science & Technology
- Member of graduate studies committee at applied medical Sciences faculty - Jordan University of Science & Technology.
- Member of academic curriculum committee at applied medical Sciences faculty - Jordan University of Science & Technology.
- Member of quality assurance committee at applied medical Sciences faculty - Jordan University of Science & Technology.

Teaching Experience

- Associate Professor, Radiologic Technology Program Department of Allied Medical Sciences February 2018-current
- Assistant Professor, Radiologic Technology Program Department of Allied Medical Sciences February 2013-2018
- Laboratory supervisor Charles Sturt University 2009/2010
- A chairman of Radiologic Technology Department June 2007-november 2007
- February , 17th 2003 – June 1st , 2005
 - ✓ Teaching assistant in the faculty of Applied Medical Sciences at Jordan University of Science and Technology Irbid - Jordan
 - ✓ Participating in theoretical teaching & clinical training in the following courses:
 - ◆ Clinical radiography 1, 2, 3, 4.
 - ◆ Radiological anatomy.
 - ◆ Radiological position.
- **Teaching Expertise**
 - ◆ Introduction To Radiologic Technology
 - ◆ Principles Of Diagnostic Imaging 1
 - ◆ Peripheral Osseous System Radiography
 - ◆ Central Osseous System Radiography
 - ◆ Radiographic Cross Sectional Anatomy
 - ◆ Patient Care In Radiology Department
 - ◆ Clinical Practice 1
 - ◆ Clinical Practice 2

- ◆ Quality Management In Medical Imagingi
- **Other Duties**
 - ◆ Supervision & maintenance of Radiological Lab. & materials
 - ◆ Assisting in administrative aspects (courses schedules, exams schedules, Training centers management, staff assessments implementation, materials & equipment Tenders.....etc
 - ◆ Clinician in the Radiography department at King Abdullah University Hospital
- **Clinical Experience**
 - ◆ Training & following up students in the following settings:
 - ◆ Royal Medical Services
 - ◆ King Abdullah University Hospital.
 - ◆ Princess Basma Hospital
 - ◆ Al Basheer Hospital.

Professional Activities and memberships (Accreditation Committees):

- Member, Higher Council of Jordan University of Science and Technology, 2013- 2014
- Member, Council of faculty of Applied Medical Sciences, 2013-until now
- Head. Scientific Committee of Jordanian applied medical Sciences faculty.
- Head. Certificates Evaluation Committee. Faculty of Applied Medical Sciences. JUST.
- Head. Committee of Special Accreditation of Radiologic Technology. Faculty of Applied Medical Sciences. JUST. 6. Member. Ministry of Higher Education Board of Accreditation of Radiologic Technology Programs.
- Head of Special Accreditation Committee for Jordan University assigned by the Ministry of Higher Education in Jordan.
- Member. Study Plans and Curriculums Committee. Faculty of applied Medical sciences. JUST

PUBLICATION

1. Alewaidat H, Bataineh Z, Bani-Ahmad M et al. Investigation of the diagnostic importance and accuracy of CT in the chest compared to the RT-PCR test for suspected COVID-19 patients in Jordan [version 1; peer review: awaiting peer review]. F1000Research 2023, 12:741
2. Haytham Al Ewaidat, Nagwan Abdel Samee, Jaya Prakash Allam, Kiran Kumar Patro, Paweł Pławiak, Noha F. Mahmoud, Mohamed Hammad, "The Knowledge and Perception about COVID-19 among Medical Imaging Professionals", Health & Social Care in the Community, vol. 2023, Article ID 5329930, 10 pages, 2023. <https://doi.org/10.1155/2023/5329930>
3. Al Ewaidat, H, Balawi, S, Bataineh, Z, et al. Establishment of national diagnostic reference levels as guidelines for computed tomography radiation in Jordan. Int J Imaging Syst Technol. 2023; 33(4): 1223-1234. doi:10.1002/ima.22855
4. Al Ewaidat H, Ayasrah M. A Concise Review on the Utilization of Abbreviated Protocol Breast MRI over Full Diagnostic Protocol in Breast Cancer Detection. Int J Biomed Imaging. 2022 Apr 28;2022:8705531. doi: 10.1155/2022/8705531. PMID: 35528224; PMCID: PMC9071885.
5. Abu Mhanna HY, Omar AF, Radzi YM, Akhdar HF, Al Ewaidat H. Expired EBT3 Films' Sensitivity for the Measurement of X-ray and UV Radiation: An Optical Analysis. Materials (Basel). 2022 Apr 15;15(8):2903. doi: 10.3390/ma15082903. PMID: 35454597; PMCID: PMC9027090.
6. Musa, Maisarah, Hamad Yahia Abu Mhanna, Ahmad Fairuz Omar, Yasmin Md Radzi, Hanan Fawaz Akhdar, Nor Hafizah Ishak, and Haytham Al Ewaidat. 2022. "Optical Response of Expired EBT3 Film for Absorbed Dose Measurement in X-ray and Electron Beam Range" Applied Sciences 12, no. 8: 3974. <https://doi.org/10.3390/app12083974>
7. Al-Mousa DS, Alakhras M, Spuur KM, Alewaidat H, Abdelrahman M, Rawashdeh M, Brennan PC. The implications of increased mammographic breast density for breast screening in Jordan. J Med Radiat Sci. 2020 Dec;67(4):277-283. doi: 10.1002/jmrs.414. Epub 2020 Jun 23. PMID: 32578380; PMCID: PMC7753846.
8. Al-Mousa DS, Alakhras M, Spuur KM, Alewaidat H, Rawashdeh M, Abdelrahman M, Brennan PC. Mammographic Breast Density Profile of Jordanian Women With Normal and Breast Cancer Findings. Breast Cancer (Auckl). 2020 May 18;14:1178223420921381. doi: 10.1177/1178223420921381. PMID: 32523348; PMCID: PMC7235662.
9. Rawashdeh M, Saade C, Zaitoun M, Abdelrahman M, Brennan P, Alewaidat H, McEntee MF. Establishment of diagnostic reference levels in cardiac computed tomography. J Appl Clin Med Phys. 2019 Oct;20(10):181-186. doi: 10.1002/acm2.12711. Epub 2019 Aug 30. PMID: 31469229; PMCID: PMC6807208.

10. Rawashdeh M, Abdelrahman M, Zaitoun M, Saade C, Alewaidat H, McEntee MF. Diagnostic reference levels for paediatric CT in Jordan. *J Radiol Prot.* 2019 Aug 28;39(4):1060-1073. doi: 10.1088/1361-6498/ab3ee2. Epub ahead of print. PMID: 31469115.
11. Rawashdeh, M., McEntee, M. F., Zaitoun, M., Abdelrahman, M., Brennan, P., Alewaidat, H. Saade, C. (2018). Knowledge and practice of computed tomography exposure parameters amongst radiographers in Jordan. *Computers in Biology and Medicine*, 102, 132-137. doi: <https://doi.org/10.1016/j.compbiomed.2018.09.020>
12. Abdelrahman, M. A., Abu Alfwarees, A., Alewaidat, H., Alhasan, M., Rawashdeh, M. A., & Al Mousa, D. S. (2018). Compliance With Radiation Protection Practices Among Radiologists. *Health Physics*, 115(3), 338-343. doi: 10.1097/hp.0000000000000886
13. Al Ewaidat, H., Zheng, X., Khader, Y., Abdelrahman, M., Alhasan, M. K. M., Rawashdeh, M. A., & Alawneh, K. Z. A. (2018). Assessment of Radiation Dose and Image Quality of Multidetector Computed Tomography. *Iranian Journal of Radiology*,.
14. Al Ewaidat, H., Zheng, X., Khader, Y., Spuur, K., Abdelrahman, M., Alhasan, M. K. M., & Al-Hourani, Z. A. (2018). Knowledge and Awareness of CT Radiation Dose and Risk Among Patients. *Journal of Diagnostic Medical Sonography*, 34(5), 347-355.
15. Alawneh, K., Alshehabat, M., Al-Ewaidat, H., Raffee, L., Forihat, D., & Khader, Y. (2018). Asymptomatic Effect of Occupational Radiation Exposure on Thyroid Gland Hormones and Thyroid Gland Ultrasonographic Abnormalities. *Journal of clinical medicine*, 7(4), 72.
16. Al Ewaidat, H., Zheng, X., Khader, Y., Theeb, M. A., Alhasan, M. K. M., Rawashdeh, M. A & Alawneh, K. Z. A. (2018). Radiation Dose and Image Quality in Adult Computed Tomography Scans. *Journal of Medical Imaging and Health Informatics*, 8(2), 223-231.
17. Abdelrahman, M. A., Alhasan, M., Alewaidat, H., Rawashdeh, M. A., Al Mousa, D. S., & Almhdawi, K. A. (2017). Knowledge of nosocomial infection control practices among radiographers in Jordan. *Radiography*, 23(4), 298-304.
18. Alhasan, M., Abdelrahman, M., Alewaidat, H., & Khader, Y. (2016). Radiation dose awareness of radiologic technologists in major Jordanian hospitals. *International Journal of Radiation Research*, 14(2), 133-8.
19. Batiha, A. M., Obead, K. A., Alhalaiqa, F. N., Kawafha, M. M., El-Razek, A. A., Albashtawy, M., ... & Al EWaidat, H. (2015). Quality of Life and Fatigue among Jordanian Cancer Patients. *Iranian journal of public health*, 44(12), 1704-1705.

20. Alhasan, M., Abdelrahman, M., Alewaidat, H., & Khader, Y. (2015). Medical Radiation Knowledge among Patients in Local Hospitals. *Journal of Medical Imaging and Radiation Sciences*, 46(1), 45-49.
21. Alhasan, M., Abdelrahman, M., Alewaidat, H., & Khader, Y. (2015). Medical Radiation Knowledge among Patients in Local Hospitals. *Journal of Medical Imaging and Radiation Sciences*, 46(1), 45-49.
22. Alhasan, M., Abdelrahman, M., Alewaidat, H., Almhdawi, K., & Nazzal, M. (2014). Work-related stress, musculoskeletal disorder complaints, and stress symptoms among radiographers in the Northern Part of Jordan. *Journal of Medical Imaging and Radiation Sciences*, 45(3), 291-298.

Management experience

- Chairman of 3 different specialties including Radiologic Technology, Optometry and Paramedic in the department of Allied Medical Sciences
- Hiring and recruiting faculty and technical staff through exams and interviews –
- Building web-based study timetables in each teaching semester for Radiologic Technology, Optometry and Paramedic students in the department of Allied Medical Sciences –
- Design and develop the study curriculum of different majors including Radiologic Technology, Optometry and Paramedic in the department of Allied Medical Sciences
- Participation in decision making in the faculty committee meetings regarding different issues such as budget, recruitment, and sponsoring scholars –
- Coordination with hospitals, clinics and labs regarding student clinical training

Training workshops

- Assessment and Innovative Teaching Methods in Applied Medical Sciences, Jordan, 2016
- E-learning: End Note, Jordan, 2015
- E-learning: Open Educational Resources, Jordan, 2015
- RESCAP-MED: Scientific Manuscript Writing, Jordan, 2014
- Member of the committee of editing the Manual of Quality Assurance Standards for Faculty of Allied Medical Sciences, which was directed by the Higher Education Accreditation Commission. 2015/2016.

Department committees

- A member in the graduate studies committee (2016/2017)
- A member in the community services program committee (2016/2017).
- A member in the syllabus committee (2016/2017).
- A member in the library committee (2016/2017).
- Chairman of community services committee (2014/2015, 2015/2016).
- Chairman of scientific research committee (2014/2015, 2015/2016).
- Coordinator of clinical training of faculty of applied medical sciences (2014/2015, 2015/2016).
- Member in courses transfer committee (2013/2014, 2014/2015).

- Member in scientific activities and community service committee (2015/2016).

Master Thesis Supervision:

- Ahmad Abu Alfwarees, Assessment of radiation protection awareness and compliance amongst Jordanian medical radiation workers
- Sara Balawi, Establishment of National Guidelines for Computed Tomography Radiation Dose References level in Jordan
- Ranah Albdour, The prevalence of work related musculoskeletal disorder and its association with depression among health care providers in Jordan
- Yousef Migdadi Coronary Artery Diameter in Normal Adult Population from Jordan Evaluated by Computed Tomography Angiograph
- Taqwa Jaradat, Detect Intracranial Hemorrhage by Using Deep Learning Model
- Moath Alawaqla, Assessment of Radiographers' knowledge, attitude and practice toward pediatric radiation protection guidelines in Jordan.
- Ali Almakhadmeh, Correlation Between Coronary Arterial Dominance and the Degree of Coronary Artery Disease Using Computed Tomography Angiography
- Tariq Aljarrah, Radiographers Knowledge and Attitude toward Cardiopulmonary Resuscitation – A Cross-Sectional Online Survey
- Mayar Al-ali, Establishment of Diagnostic Reference Levels for Adult Computed Tomography Angiography Examinations in Jordan

Peer Reviewing:

- Journal of Digital Imaging (ISSN: 0897-1889)
- Cardiovascular Diagnosis and Therapy (ISSN: 2223-3660)

References

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My former Faculty dean & research collaborator

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