





PERSONAL INFORMATION

Hanan Hasan Saleh



 Ma'an, P.O. Box 20, Jordan
 0096232179000  00962795287001
 hanhas2002@gmail.com; Hanan_Saleh@ahu.edu.jo

Sex Female | Date of birth 31/05/1977 | Nationality Jordanian

WORK EXPERIENCE

- Associate Prof., Al-Hussein bin Talal University, Maán- Jordan, 8/10/2015- now.
- Assistant Prof., Al-Hussein bin Talal University, Maán- Jordan, 2009-2015.
- Lecturer, University of Jordan, Amman- Jordan, 2005-2008.
- Teacher Assistant. University of Jordan, Amman- Jordan, 2003-2005.
- Physics Teacher for Secondary Stage, Ministry of Education, Zarqa, Jordan, 1998-2008.

I thought the bachelor degree students these courses;

1- **Physics courses;**

- General physics1 & 2.
- Modern physics.
- Quantum physics1 & 2.
- Electronics.
- Thermodynamics.
- Radiation physics.
- Computational physics.
- Experimental optics physics.
- 1st year experimental physics

2- **Radiography courses;**

- Radiation physics for radiographers.
- Physics of diagnostic Radiology.
- Radiation Protection.
- Radiographic imaging and processing.
- Radiobiology.
- Digital imaging.
- Qualitative analysis of medical imaging.

TEACHING EXPERIENCE

EDUCATIONAL BACKGROUND

- Erasmus Mendos Post-doc fellowship; low radiation measurements labs, Nuclear department Santiago de Compostela University, 29/12/2014 - 29/7/2015.
- Ph.D in Applied Radiation Physics – University of Jordan, Faculty of science, Amman, Jordan (2003-2008). “Characterization of Biological Matrices Using X-ray Compton Scattering Technique”
- Master Degree in Physics - University of Jordan, Faculty of science, Amman, Jordan (1999- 2002).
- B.Sc. Degree in Physics - Yarmouk University, Faculty of science, Irbid, Jordan (1994-1998).

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C2
Spanish	A1	A1	A1	A1	A1

Recognized Language Certificate

Communication skills ▪ good communication skills gained through my experience as a head of my department.

Organisational / managerial skills Al-Hussein bin Talal University, Department of Physics, Maán- Jordan, 2010-1012, Head of Physics Department.

Al-Hussein bin Talal University, Department of Radiography, Maán- Jordan, 2015-now, Head of Radiography Department.

Al-Hussein bin Talal University, Department of Radiography, Maán- Jordan, 2016-2017, Vice Dean for Health Science, Princess Aisha Bint Al-Hussein College of Nursing & Health Sciences.

Al-Hussein bin Talal University, Department of Radiography, Maán- Jordan, 10/7/2017-25/8/2017, Dean, Princess Aisha Bint Al-Hussein College of Nursing & Health Sciences.

Computer skills **Very good command** of Microsoft Office™ tools such as; Word, Excel & Power Point, Internet
Very good in Linux operating system.
Good in Latex

Driving licence ▪ Type3: Small Private Passenger- National Driving License, Jordan

ADDITIONAL INFORMATION

Research Interest Radiation and Bio-physics, Medical Physics, Environmental physics, Computational physics.

- Publications**
- * Hanan. H. Saleh. "**Atomic Form Factor of Some Tissue- Equivalent Materials at 25.2 keV Photon Energy Using Geant4 Toolkit**", JJP, 2010, 3(1), 25-30.
 - * H. Saleh and M. Abu Shayeb. "**Natural Radioactivity Distribution of southern part of Jordan (Ma'an) Soil**", Annals of Nuclear Energy 65C (2014), pp. 184-189.
 - * J.M. Sharaf , H.Saleh. "**Gamma-ray energy buildup factor calculations and shielding effects of some Jordanian building structures**", Radiation Physics and Chemistry110 (2015) , pp. 87–95.
 - * M. S. Hamideen, J.M. SHARAF and H. H. SALEH. "**Impact of superficial building materials on indoor radon level**", JJP, JJP, 2015, 8(3), 165-176.
- Conferences**
- * H.H. Saleh, J.M. Sharaf and S. O. Dababneh , "**Characterization of Biological Matrices Using X-ray Compton Scattering Technique**", Second International Symposium on Nuclear Energy ISNE-09.
 - * Hanan H. Saleh. "**Estimation of Uranium concentration in building stones used in Jordanian buildings**", International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Exploration, Mining, Production, Supply and Demand, Economics and Environmental Issues, Vienna, Austria 23-27 June 2014.
 - * H.H. Saleh, J.M. Sharaf, "**Assessment of energy absorption buildup factors and exposure buildup factors for biological matrices in photon energies 0.05 to 3MeV up to 40 mfp penetration depth**", First Palestinian International Conference on Peaceful Uses of Atomic Energy. Palestine Technical University-Kadoorie. Feb, 19-20, 2017.
- Seminars**
- "**Application of Compton scattering densitometry in the characterization of biological samples**". Al- Albeit University, Mafraq, Jordan.
- Training Courses**
- * **Spectrum Education Services**, Jordan.
 - * **SESAME-JSPS School**, Cairo University, Egypt. November 17th to 22nd, 2008.
 - * **SESAME-JSPS School**, Antalya, Turkey. February 20 to 28nd, 2010.
 - * **Third LinkSCEEM-2 General User Meeting**, Bibliotheca Alexandrina, Egypt, 25th-27th of June 2013.
 - * **SESAME- LINKSCEEM summer school**. Salt, Jordan, September 8-10, 2013.
 - * **La Rábida International Scientific Meeting on Nuclear Physics**", UNIA, Huelva, Spain, 1st - 5th of June of 2015.
 - * **XIV School on Synchrotron Radiation: Fundamentals, Methods and Applications** Muggia, Italy / 18-29 September 2017.
- Memberships**
- Local Jordanian Users of SESAME** (Synchrotron-Light for Experimental Science and Applications in the Middle East).

References

* **Prof. Jamal Sharaf** (Medical Physics).
Email: j_sharaf@yahoo.com

* **Dr. Saed Dababneh**, (Nuclear Astro-
Physics). Email: Saed.Dababneh@gmail.com

* **Prof. Nabeel Ayoub**, (Nuclear
Physics). Email: nayoub@yu.edu.jo

* **Prof. Jamil Khalifeh**, (Theoretical Solid State
Physics). Email: jkalifa@ju.edu.jo

* **Dr. Dolores Cortina Gil**, (Nuclear Physics)
Email: d.cortina@usc.es
