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**Academic Curriculum Vitae**



**Personal Information:**

Full Name: Dr. Salih Omer Haji

Academic Title: Assist Professor

Email: (university email) : salih.haji@su.edu.krd

Mobile: 07504514643

**Education:**

## Preparatory graduated: 1987 Sarbasty Secondary school Date of first assignment in university.

## Place of recent work: College of Science –Physics Department Job Title: Lecturer in Medical Physics

## Researcher’s academic attainments.

## 1990- 1991 B.Sc Salahaddin University –College of Science-Department of Physics (Erbil-Iraq)

## 2019-2020- M.Sc Salahaddin Univ. College of Science /General Specialization, Nuclear Physics (Erbil-Iraq)

## 2019-2020- Ph.D Salahaddin Univ. College of Science in Erbil-Iraq.

## General Specialization: Medical Physics- Medical Imaging.

**Employment:**

* Physics assistant (1992-1999) Physics department -college of science-Salahaddin University.
* Assist Lecturer (2002-2011) Physics dep. College of Science-Salahaddin University.
* Lecturer (2011-2023) Physics dep. College of Science-Salahaddin University.
* Assist professor (2022-2023) Physics dep. College of Science-Salahaddin University-Erbil

**Qualifications**

* Level Advanced in Salahaddin University -Language Center.
* IELTS in British Council

**Teaching experience:**

## During 1996-1998 working as a lecturer in Media Secondary school of girls.

## During 2002-2004 working as a lecture in College of Education-Shaqlawa- Salahaddin University-Erbil.

## During 2013-2020 working as a lecturer in Network International for computers and Petroleum's institute.

**Research and publications**

## Total Neutron Yield of (a, n) reaction of light elements using U-234, U-235, U-238 and U-Nat.

## Jor. (Zanco). Vol. 15. No. (2), 2003.

## Analysis of Angular Distributions of Gamma Rays from the reaction 162Dy (n,n`)using Constant Statistical and Least Square Fitting Methods. Jor. (Zanco). Vol. 21. No. (6), 2009.

## Analysis of radon concentration in drinking water in Erbil Governorate (Iraqi Kurdistan) and its Health Effects. Tikrit Journal of Pure Science Vol. 13. No. (3). 2008.

## Measurement of Radon Exhalation Rate from Meal Dishes in Erbil City using Passive and Active Techniques. Journal of Kirkuk University-Scientifics study Vol. 7, No. (1),2012.

## Radon Dosimetry in Erbil City Hospitals-Journal of Physical Science and applications Vol.

## 2. No. (7),2012-USA.

## Radon concentration Measurements in Qaysare of Erbil City. Journal of Kirkuk University- Scientifics study Vol. 33, No. (1),2015.

## Haji, Salih Omer, and Raghad Zuhair Yousif. "A Novel Run-length based wavelet features for Screening Thyroid Nodule Malignancy." Braz. arch. biol. technol (2019): e19170821-e19170821.

## Haji, S. O., & Yousif, R. Z. (2019). A novel neutrosophic method for automatic seed point selection in thyroid nodule images. BioMed research international, 2019.

## Noise reduction and mammography image segmentation optimization with novel QIMFT-SSA method Computer Optics, 2022, Vol. 46(2) DOI: 10.18287/2412-6179-CO-808.

## Biochemical Study on the Impact of Radiation-induced Oxidative Stress on Radiographers in the X-ray and CT-scan Departments "University of Baghdad College of Science for Women Baghdad Science Journal (Acceptance). June-2022.

## Thyroid nodule Image Joint segmentation and Classification based on deep-learning “Zanco Journal of Pure and Applied science(Acceptance).April-2023.

## [Association between Vitamin D3 deficiency and Oxidative stress in Non-Communicable Diseases](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=TElulRYAAAAJ&citation_for_view=TElulRYAAAAJ:YsMSGLbcyi4C). Zanco Journal of Pure and Applied Sciences 34 (5), 208-214, 2022.

**Conferences and courses attended**

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| 1st Scientific conference of college of Health Science Virtual conference- Hawler Medical university. |  |

**Funding and academic awards**

* List any bursaries, scholarships, travel grants or other sources of funding that you were awarded for research projects or to attend meetings or conferences.

**Professional memberships**

* Teacher Union In Iraqi Kurdistan region
* Physics Syndicate in Kurdistan region

**Professional Social Network Accounts:**

* <https://www.linkedin.com/feed/>
* <https://www.researchgate.net/profile/Salih-Haji>
* <https://www.facebook.com/salih.hajiabdullah>
* <https://twitter.com/salihomerhaji>
* <https://scholar.google.com/citations?user=TElulRYAAAAJ&hl=en&oi=ao>

It is also recommended to create an academic cover letter for your CV, for further information about the cover letter, please visit below link:

<https://career-advice.jobs.ac.uk/cv-and-cover-letter-advice/academic-cover-letter/>

## I am an honest, energetic and reliable individual with extensive experience of teaching and lecture , within institutions and universities. I possess excellent communication, interpersonal and computer knowledge. I have completed various trainings and qualifications in Iraq and I hold an Iraqi Passport with valid Driving License.