

# Enas Mohammed Youins

*Master of Science in Nuclear Physics*

Mosul, Iraq

[enasmalfraha@gmail.com](mailto:enasmalfraha@gmail.com)  
[enasmohammed@uomosul.edu.iq](mailto:enasmohammed@uomosul.edu.iq)

DATE / PLACE OF BIRTH

7/03/1980

IRAQ



## Profile

*I work in the Physics Department of the College of Science at the University of Mosul as a teacher. I conducted research in environmental pollution and the determination of radioactivity in soil, water, weeds, and rocks. I designed four automation excel programs (the Scientific biography for the teachers, the vacations record for the teachers, the vacations record for the employees and the last annual activity record for the teachers) Within the automation works, quality assurance and university performance*



## Employment History

Assistant Lecturer at the College of Science / Physics Department / University of Mosul / Iraq  
16/11/2006 to 20/11/2012

Lecturer in the College of Science / Physics Department / University of Mosul / Iraq  
since 20/11/2012

Member of the Quality Assurance and University Performance Committee  
Iraq, University of Mosul, collage of Science, Department of Physics, since 2007



## Education

Master of Science (MSc) in Nuclear Physics, University of Mosul, Iraq  
2003 - 2006  
*Study the quenching in some liquid scintillation detectors*

Bachelor of Science (B.Sc.), University of Mosul, IRAQ  
1998 -2002



## Courses

The powers of teaching, University of Mosul, IRAQ  
2007

Teaching methods, University of Mosul, IRAQ  
2007

Computer efficiency, University of Mosul, IRAQ  
2011

Teaching methods, University of Mosul, IRAQ  
2011

Arabic language safety course, University of Mosul, IRAQ  
22/4/2018 to 29/4/2018

Arabic language safety course, University of Mosul, IRAQ  
20/8/2020 to 27/8/2020



## References

Prof. Dr. Laith Najam  
[prof.lai2014@uomosul.edu.iq](mailto:prof.lai2014@uomosul.edu.iq)

Assistant Professor Dr. Firas Mohammed Ali Aljomaily  
[dr.firas@uomosul.edu.iq](mailto:dr.firas@uomosul.edu.iq)

Assistant Professor Dr. Rasheed Mahmood Yousuf  
[dr.rasheed@uomosul.edu.iq](mailto:dr.rasheed@uomosul.edu.iq)



## Social Profiles

**ResearchGate**

[https://www.researchgate.net/profile/aynas\\_alfrht](https://www.researchgate.net/profile/aynas_alfrht)

**LinkedIn**

<https://www.linkedin.com/in/enas-mohammed-387b62205/>

**Google scholar**

[https://scholar.google.com/citations?hl=ar&user=Cq5\\_le4AAAJ](https://scholar.google.com/citations?hl=ar&user=Cq5_le4AAAJ)

**Orcid**

<https://orcid.org/0000-0001-8525-2191>

**Academia**

<https://independent.academia.edu/EnasMohammed14>



## Skills

Liquid semiconductor detector

Nuclear physics

Environmental radioactivity

Radiation spectroscopy

Gamma spectrometry

SSNTD

Thermodynamics



## Languages

Arabic

English



## Hobbies

Travel  
Shopping  
Reading  
Draw



## Conferences

Determination of radon and uranium concentrations in mud deposits of domestic water tanks in Nineveh Governorate using the LR-115 nuclear trace detector (The Physics Department's First Scientific Conference April 21-22, 2010)



## Workshops

RESI - Winter School entitled "Reconciliation and Reconstruction in a Digital Time" University of Mosul with TU Dortmund November 23-28, 2019 on "Electromagnetic radiation, its effects and prevention"

Participation in many workshops as an attendee inside and outside Iraq



## Resent Publications

1. تأثير الإخماد على كواشف وميض سائلة مصنعة محلياً، إيناس محمد يونس الفرحة, رشيد محمود يوسف، مجلة علوم الرافدين 78-94 (2A), 2009،20

2. natural radioactivity levels of limestone rocks in northern Iraq using gamma spectroscopy and nuclear track detector, L Najam, F AL-Jomaily, E AL-arha, Journal of radioanalytical and nuclear chemistry 289 (3), 709-715, 2011.

3. تحديد تراكيز الرادون واليورانيوم في الترسيبات الطينية لخزانات المياه المنزلية في محافظة نينوى باستخدام كاشف الأثر النووي LR-115,, إيناس محمد يونس الفرحة ، 2012 ،مجلة التربية والعلم 25 (59), 159-149

4. **Uranium concentration and its associated health hazards in drinking water of Nineveh Province (Iraq)**, FT Nada, AN Laith, MY Enas, World Applied Sciences Journal 31 (11), 1938-1944, 2014.

5. **Radon emanation from drinking water samples of Nineveh province (IRAQ)**, LA Najam, NF Tawfiq, EM Younis, American Journal of Modern Physics 3 (6), 257-260, 2014

6. **Uranium Concentration in Some Medical Herbs**, LA Najam, NF Tawfiq, EM Younis, IMA Aziz, Iraqi Journal of Science, 528-532, 2020