

Dr Zaineb Omar Et-Tarhouni

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CARRER OBJECTIVE

To implement my knowledge, experience and expertise in the area of chemistry/ physical chemistry and to keep up with the cutting edge of technologies used in this field.

EDUCATION

Cardiff University, Cardiff/ UK 2011-2016

PhD in physical chemistry

“Engineering mixed surfactant systems to template hierarchical nanoporous materials”

University of Liverpool English Language Centre 2010-2011

Studying English Language including pre-sessional course, IELTS preparation course, improving the academic skills and language in preparation for academic study.

University of Tripoli, Tripoli Libya 2003-2006

M.Sc in physical chemistry

“A study of dielectric properties for selected chemical compounds”

University of Tripoli, Tripoli Libya 1994-1998

B.Sc in chemistry

WORK EXPERIENCE

University of Tripoli, Tripoli/ Libya Jan 2022- to
Editor_in_chief/ Libyan Journal of Science date

University of Tripoli, Tripoli/ Libya 2021-to date
Assistant Professor /

University of Tripoli, Tripoli/ Libya 2017-2020
Lecturer/ physical chemistry group/ Chemistry department,

Cardiff University, Cardiff/ UK 2011-2016
Teaching Assistant

- Demonstrating undergraduate chemistry laboratory and tutored them with laboratory skills and understanding of physical chemistry.

University of Tripoli, Tripoli Libya 2006-2010
Lecturer assistant

- Teaching undergraduates and tutored them with understanding of general and physical chemistry.

University of Tripoli, Tripoli Libya

2000-2006

Teaching Assistant

- Demonstrating undergraduate chemistry laboratory and tutored them with laboratory skills and understanding of general, physical, organic, analytical chemistry laboratories.

SKILLS

- The ability to carrying out research leading to the publishing of work in high-quality journals.
- Experienced in working with surfactants and studying their use as templates to synthesize nanoporous materials.
- A proficient user of colloid characterization techniques such as Tensiometer, fluorescence spectrometer, SANS, PGSE-NMR and EPR.
- Experienced in using other advanced techniques including X-ray Diffraction, XPS, GC and electronic microscopy (SEM, TEM).
- The ability to work on related software such as FISH.
- I am able to perform the tedious analysis of the data obtained from all listed experiments.
- Experienced in characterization of nanoporous particles.
- The ability to supervise students at undergraduate and postgraduate level.
- Experienced in using different library research tools.
- The ability to use computers and work on varies software programs.
- Excellent computer skills for scientific data collection and report writing using Excel, Sigma plot, ChemDraw programs and other general skills in Windows and MAC.
- Excellent skills in literature reviewing and analysis, familiar with Webofknowledge, SciFinder, Scholar, and various on-line and paper-based literature databases.
- Writing and publishing work in academic journals.

PUBLICATIONS

- ZO Et-Tarhouni, E Carter, DM Murphy, PC Griffiths, OT Mansour, SM King, ...
- Colloids and Surfaces A: Physicochemical and Engineering Aspects 492, 255-262
- ABMWAMZO Ettarhouni Journal of Chemical Reviews 1 (3), 196-218

- FM Elarbi, AA Janger, LM Abu-sen, ZO Ettarhouni Am J Eng Res 9, 118-26
- FM Elarbi, ZO Ettarhouni, W Abdussalam-Mohammed, AB Mezoughi Chemistry 4 (1), 146-155
- ZOEAB Mezoughi international research journal of pure and applied chemistry 22 (6), 15-30
- MS Al-howach, ZO Ettarhouni, AA Jangherb Journal of Pure & Applied Sciences 19 (2), 1-5
- AA Jangher, M Abusen, MS Alhosh, ZO Ettarhouni

REFERENCES

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- Musa Omar

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