



## Curriculum Vita

**Name:** Dr. Nawash Al-Ghezawi.

**Date of birth:** 1963

**Place of birth:** Jordan

**Martial status:** Married (one son).

**Nationality:** Jordanian

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**University Education**

2018 – 2019	Representative of the Faculty of Sciences in the University council
Sept. 2014 – until now	Associate Prof. Chemistry department at Mutah Univ
August 2013- 2014	Associate prof.Chemistry Department at Imam Muhammad Ibn Suad Islamic University
Sept.2011	Chairman of Chemistry department at Mutah University.
June- 2010	Associate Prof. Chemistry department at Mutah Univ.

Sept.2003- 2011	Assist.prof. Chemistry department at Mutah Univ.
Sept. 2000-2003	Lecturer. chemistry department at Mutah Univ.
1998-2000	Lecturer. Industrial engineering at Cankaya Univ. Ankara.
1996-1998	Lecturer for chemistry and English courses at the College of Saudi Arabia Embassy/Ankara.
1989-1996	Ph.D. physical-polymer chemistry at Gazi Univ./Ankara/Turkey.
1986-1988	M. Sc. Degree/physical-polymer chemistry at Middle East Technical Univ./Ankara/Turkey.
1985-1986	Researcher in chem. Dept. at Yarmouk Univ.
1981-1985	B. Sc. Degree, chem. Dept. at Yarmouk Univ.

### **Major subject of interest:**

- 1- Synthesis and structure of new organic inclusion compounds (host-guest chemistry) Chemical X-ray crystallography and their uses as adsorbent to remove waste materials in water.
- 2- Synthesis of polymer blends physical and solution properties of polymers.

**Languages:** Arabic, English and Turkish.

### **Publications**

1. **N. M. Alghezawi<sup>a</sup>**, S. F. Alshahateet<sup>a,\*</sup>, R. Bishop<sup>b</sup> Synthesis and solid-state Structure analyses of a thia-bridged diquinolinium acetate compound. *Jordan Journal of Chemistry*, vol.5, No. 3. pp.211-220, (2010).
2. **Nawash Al-ghezawi** Non-covalent interactions involved in the crystal structure of proton-transfer compounds of Saccharinate anion and different cations. *Jordan Journal of Chemistry*, vol.5, No. 2. pp.149-155, (2010).

3. Solhe F. Alshahateet, **Nawash M. Algezawi**, Crystallographic analyses of high Z value structure of apyridiniumcarboxylatecomplex. *J.Chem.Crystallogr.vol.41, pp.708-714, 2011.*
4. Solhe F. Alshahateet, **Nawash M. Algezawi**, Roger Bishop " Dimeric and terameric N...H, C...N and N...N interactions exit in the crystal structure and self- assembly of 8,16-dimethyl-6,7,14,15-tetrahydro-7,15-methanocycloocta[1,2-b:5,6- b']diquinoline" *Jordan Journal of Chemistry. vol.6, No. 2. pp.139-151, 2011.*
5. Solhe F. Alshahateet • Wael A. Al-Zereini • **Nawash M. Algezawi**  
Structural and Antimicrobial Activity Analyses of Different Forms of Sulfur-Nitrogen Containing Heterocyclic Supramolecule **J. Chem.Crystallogr. vol 41, pp.1807– 1811, 2011**
6. Sultan T. Abu-Orabi and **Nawash M. Al-Ghezawi**; 1,3-Dipolar cycloaddition of nitrile oxides with Cis- and trans-ethylene-substituted  $\Delta^2$ -isoxazoline derivatives; *J. Chemical and Engineering Data, 32, 383 (1987).*
7. **Nawash Al-Ghezawi**, Zúhal Kúcükyavuz and Savas Kúcükyavuz, Conformational Transition in poly(*p-tert*-butylstyrene), *J. Polymer Science, part c, polymer letters, 28, 111-115 (1990).*
8. Zúhal Kúcükyavuz and **Nawash Al-Ghezawi**, An experimental study of the dipole moment of poly(dimethylsiloxane), *Eur. Polymer J. , 26, No. 6, 653-655 (1990).*
9. **Nawash AL-Ghezawi**, Heavy Metals Concentration in Soil Irrigated With Treated Wastewater in Jordan, *Mutah Lil-Buhuth wad –Dirasat,19, No.1,115-124 (2004).*
10. **N. Algezawi**, Sanli O, Aras L, et al.  
Separation of acetic acid-water mixtures through acrylonitrile grafted poly(vinyl alcohol) membranes by pervaporation .  
**CHEMICAL ENGINEERING AND PROCESSING 44 (1): 51-58 JAN ( 2005).**
11. **Nawash Al-ghezawi**, Oya Sanli ,Nuran Isiklan , Permeation and Separation of Acetic Acid Water Mixtures by Pervaporation through Acrylonitrile and Hydroxy-Ethyl Methacrylate Grafted Poly(vinyl alcohol) Membrane.  
*Separation ScienceandTechnology,41 ,No.13, 2913-2931 ,( 2006 ).*
12. Muhammad Ashram<sup>a,\*</sup>, **Nawash Al-Ghezawi**<sup>a</sup>, Ibrahim AbuAwaad<sup>b</sup> and G. Asman<sup>c</sup> Synthesis and Physical Studies of polycarbonate of *p-tert*- butylcalix[4]arene: Highly Selective Receptor for Na. *Turk. J.Chem., 33, (647-656) (2009).*

13. Nawash AL-Ghezawi<sup>1</sup>, Mohammed A. Al-Anber<sup>1\*</sup>, Zaid Ahmed Al-Anber<sup>2</sup>  
Idrees Al-Momani<sup>3</sup>, Tayel El-Hassan<sup>1</sup> Decontamination and Adsorption  
Modelling of Aqueous Co<sup>+2</sup> and Pb<sup>+2</sup> Ions Using Natural Inorganic Materials:  
Tripoli (NT) and Bentonite (NB). *Desalination and Water Treatment*, vol.24, 1-  
8, (2010).
14. Saleh Al-Omari & **Nawash Algezawi** & Mousa Al-Noaimi & Akram Aqili & Ibrahim F.  
Al-Hamarneh & Mohammad Marashdeh. Observation on symmetry properties of Sodium  
Zinc(II)-2,9,16,23-phthalocyanine. Tetracarboxylate in water: NaOH solution. **Journal of  
Fluorescence**. vol.24, pp 835-839, 2014

***Membership in M.Sc. Thesis Examination Committees:***

- **Ebtesam Yaseen Al-jaafreh**  
Thesis title "Synthesis of New Azathiadibezocrown Ethers and Study of Their  
Complexation Properties." Department of Chemistry, Mutah  
University, Jordan, **2006**.
- **Eid Musa Eid Al-Sbou**  
Thesis title "Determination Of Heavy Metals In Street Dusts Of Maan Area  
-Jordan. ." Department of Chemistry, Mutah  
University, Jordan, **2006**.

**Teaching Courses( all given in English as an official language).**

1. General Chemistry (101&102).
2. Physical Chemistry 1 (chem.341).
3. Physical Chemistry 2 (chem.342).
4. Introduction to Polymer Chemistry (chem.351).
5. Physical Chemistry Lab. (chem.343).
6. General Chemistry Lab. (chem.105&106).
7. Chemical Literature (chem.391).
8. Life Chemistry (chem.467).
9. Natural Science (chem. &phys.203).
10. Engineering Material.(IE222).
11. physical-analytical Chemistry(chem.316).
12. Physical Chemistry 3, quantum chemistry (chem.441).
13. Special Topic in physical Chemistry (Chemistry 442)
14. Polymer Chemistry, (chem.551). (Graduate course).
15. Molecular Structure and Spectroscopy (Chem.741). (Graduate course).

## **References**

- 1- Prof.Dr. Sultan Abu Orabi  
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- 2- Prof.Dr. Abdelrahim A. Hunaiti  
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