

Nouria A. Al-Awadi

Director General: National Bureau for Academic Accreditation And
Education Quality Assurance

Professor of Organic Chemistry

n.alawadi@ku.edu.kw

EDUCATION

1976	B.Sc., Chemistry, Kuwait University, Kuwait
1979	Ph.D., Chemistry, University of Kent at Canterbury, UK

PROFESSIONAL

1979	Assistant Professor Kuwait University, Kuwait
1982-1983	Postdoctoral Research Fellow School of Chemistry & Molecular Sciences University of Sussex, UK
1984-1986	Part-Time Researcher Material Science Department Kuwait Institute for Scientific Research
1986-1991	Associate Professor Kuwait University, Kuwait
1988-1989	Visiting Professor University of Kent, Canterbury, UK
1991-present	Professor of Chemistry Kuwait University, Kuwait

MEMBERSHIPS, FELLOSHIPS AND AWARDS

1982	Royal Society of Chemistry (RSC)
1988	Kuwait Chemical Society (KCS)

1993	The award of Scientific Achievement Kuwait Foundation for Advancement of Science (KFAS)
1995	International Group for Correlation Analysis in Chemistry (RSC)
1995	Organic Reaction Mechanism Group (RSC)
1997	Chartered Chemist (CChem) and Fellow of the Royal Society of Chemistry (FRSC)
2004	The Researcher Award of the distinguished researcher in science, Kuwait University
2005	Chartered Scientist (CSci), the Science Council, UK
2008	Titular Member, Organic and Biomolecular Chemistry Division (III), IUPAC
2010	Accreditation Committee of the Canadian Society For Chemistry (Member)
2011	Distinguished Woman in Chemistry/Chemical Engineering by IUPAC and American Chemical Society, IUPAC World Chemistry Congress, Aug. 2011
2012	IUPAC Fellow
2013	Member of the Prizes Office (KFAS)

ADMINISTRATIVE EXPERIENCE (KUWAIT UNIVERSITY)

1993-1995	Head of Chemistry Department
1986-1990	Vice-Dean of Students Affairs, College of Graduate Studies
1995-2001	Dean, Faculty of Science
2006-2008	Vice Rector for Academic Affairs

RESEARCH INTEREST

- Analytical and preparative conventional and flash vacuum pyrolysis (FVP)
- Kinetics and mechanism of gas-phase pyrolytic reactions

- Synthesis of organic compounds by environmentally friendly chemical reactions

OVER 140 RESEARCH ARTICLE IN PEER REVIEWED JOURNALS

PATENT

- Method for improving the mechanical properties of soil, a polymeric solution and a process for preparing polymeric solution.

S. Lahalih, M. Halabi, N. A. Al-Awadi and K. Shuhaibar

United States Patent, No. 4, 793, 741, Dec. 27, (1988)

CHAPTERS IN BOOKS

1. Bicyclic 5-6 Systems: Other Four Heteroatom 2:2.

Mohamed H. Elnagdi, Nouria Al-Awadi and Ayman W. Erian.

Comprehensive Heterocyclic Chemistry II, Pergamon Press (New York), Vol. (7), Chapter 12, 431-488 (1996).

2. Bicyclic 5-6 Systems: Other Four Heteroatoms 2 : 2

Mohamed HilmyElnagdi, Nouria Al-Awadi and Ismail Abdelshafy Abdelhamid.

Comprehensive Heterocyclic Chemistry III, Vol. (9), (2008)

Ed. A. R. Katritzky, J. Elguro, R. Jones

3. Recent Development in Pyridazine Synthesis

Mohamed HilmyElnagdi, Nouria Al-Awadi and Ismail Abdelshafy Abdelhamid, Ed. A. R. Katritzky

Advances Heterocyclic Chem., 97 (2008)

BOOK

- The Crime of Academic Robbery in the College of Science – Kuwait University and the Role of Iraqi University Faculty Members in this Crime

Under the Iraqi Occupation of the State of Kuwait, January 1993 (PP 190).
English and Arabic versions.

RESEARCH SEMINARS BY INVITATION

1. The 4th Ibn Sina International Conference in Chemistry on Pure and Applied Heterocyclic Chemistry, Dec. 9-22, 1995, Cairo, Egypt.
2. School of Chemistry, University of St-Andrews - Scotland – UK, May 2000
Title: Gas-Phase Pyrolysis of Various Organic Compounds.
3. Chemie und Pharmazie, Ludwig – Maximilians – Universität – München, April 2001, Germany.
Title: Gas-Phase Reaction – Contribution to Molecular Reactivity from Tandem Structural Effects.
4. Chemistry Department, Qatar University, Keynote speaker in the 2nd International Conference on Chemistry and its Applications, December 2003, Qatar.
Title: Preparative Power of Flash Vacuum Pyrolysis in Organic Synthesis.
5. The 7th Reaction Mechanisms Conference “Organic Mechanisms VII”, University College Dublin, July 2004, Dublin, Ireland.
6. The VIIIth Florida Heterocyclic Conference, University of Florida, Florida, USA, March 11-14, 2007.
7. Indian Institute of Tec. (IIT), Atomic Research Center (ARC), Indian Institute of Science(IISc), India, February 19-March 14, 2009.
8. 6th Eurasian Meeting on Heterocyclic Chemistry (6th EAMHC)
Alicante, Spain, June 30-July 4, 2010.

RESEARCH CENTERS AND UNITS HELPED ESTABLISHING

- ANALAB (Analytical Service Laboratory), Chemistry Department, Kuwait University.
- SAF (Science Analytical Facilities), Faculty of Science, Kuwait University.

THESIS SUPERVISION

Ph.D.

1. Adam D. Darwish, 1992, Ph.D. Joint supervision with Dr. R. Taylor, the School of Chemistry (Sussex University).
2. Alya A. Al-Etaibi, 2004, Ph.D.
3. Rasha F. Al-Bashir, 2004, Ph.D.
4. Ibtehal Al-Jwaiser, 2009, Ph.D.
5. Mahasen Al-Qallaf, 2010, Ph.D.
6. Hicham H. Dib, 2010, Ph.D.
7. Ahmad Tuhl, 2012, Ph.D.

MSc.

1. Rasha F. Al-Bashir, 1988, MSc.
2. Rana N. Malhas, 1999, MSc.
3. Ibtehal A. Al-Juwaiser, 1999, MSc.
4. Halema A. Al-Kandari, 2000, MSc.
5. Hicham H. Dib, 2002, MSc.
6. Sundus A. Al-Awadi, 2004, MSc.
7. NabeelaAman, 2008, MSc.

CONFERENCES ATTENDED

1. 3rd IUPAC Conference – Organic Synthesis, June 1980, Madison, Wisconsin, USA.
2. 5th International Symposium – Advance Chromatography, October 1980, Houston, Texas, USA.
3. 1st Arab Regional Conference on Sulphur, April 1982, Kuwait.
4. Chemistry and Petroleum Conference, Feb. 1983, Kuwait.
5. 6th IUPAC Conference – Physical Organic Chemistry, Aug. 1984, Auckland, New Zealand.

6. 3rd International Conference on Sulphur, May 1981, (213 – 227) Canada.
7. First Regional Conference on Sulphur and its usage in the Arab World, April 1982, Kuwait.
8. Organic Reaction Mechanism, 7-11 July 1986, University of Kent at Canterbury, U.K.
9. The First European Symposium on Organic Reactivity (ESOR II), 6-10, July 1987, Paris, France.
10. 27th Annual Meeting for the Council of Graduate Schools, Dec. 1987, Washington D.C. USA.
11. The Second European Symposium on Organic Reactivity, Aug. 27 – Sept. 1, 1989, Padova, Italy.
12. The First International Conference in Chemistry and its Applications, Dec. 7-9, 1993, University of Qatar, Doha, Qatar.
13. The 4th Ibn Sina International Conference in Chemistry on Pure and Applied Heterocyclic Chemistry, Dec. 9-22, 1995, Cairo, Egypt.
14. The 4th European Symposium on Organic Reactivity (ESOR IV), 16-21, July 1995, Santiago de Compostela, Spain.
15. The 4th Ibn Sina International Conference on Pure Applied Heterocyclic Chemistry, Dec. 9-12, 1995, Cairo, Egypt.
16. The 6th International Meeting on Reaction Mechanisms, 9-12 July 1996, University of Kent at Canterbury, U. K.
17. The 6th European Symposium on Organic Reactivity (ESOR VI), Aug. 1997, Louvain – la – Neuve, Belgium.
18. 18th International Symposium on the Organic Chemistry of Sulphur, July 1998, Florence, Italy.
19. 14th International Conference on Physical Organic Chemistry (ICPOC – 14), Aug. 1998, Florianopolis, Brazil.
20. The 7th European Symposium on Organic Reactivity (ESOR VII), Aug. 22-27, 1999, University of Ulm – Ulm, Germany.
21. 1st Conference on Chemistry, Cairo, Egypt, March 6-9, 2000.

22. 19th International Symposium on Organic Chemistry of Sulphur, 25-30 June 2000, Sheffield, UK.
23. Biannual Conference on Chemistry. Chem. 2, 4-7 March 2002, Cairo University, Cairo, Egypt.
24. The 2nd Arab Conference on Biotechnology and Genetic Engineering, 15-17 April 2002, University of Bahrain, Kingdom of Bahrain.
25. The 9th European Symposium on Organic Reactivity (ESOR XI), July 12-17, 2003, University of Oslo, Oslo, Norway.
26. The 2nd International Conference on Chemistry and its Applications, 6-9 December 2003, Chemistry Department, Qatar University, Qatar.
27. The 7th Reaction Mechanisms Conference "Organic Mechanisms VII", University College Dublin, July 2004, Dublin, Ireland.
28. Biannual conference on chemistry (Chem 04), 5-8 March 2006, Cairo University, Cairo, Egypt.
29. 4th Eurasian Meeting on Heterocyclic Chemistry, Greece, August 27-31, 2006
30. The VIIIth Florida Heterocyclic Conference, University of Florida, Florida, USA, March 11-14, 2007
31. The XIth European Symposium on Organic Reactivity (ESOR XI), Faro, Portugal, July 1-6, 2007
32. 5th Eurasian Conference on Heterocyclic Chemistry, 1-6 March 2008, Kuwait University, Kuwait.
33. 42nd IUPAC CONGRESS, 2-7 August 2009, Glasgow, Scotland, UK
34. 1st Kuwait Conference (KCC 2010), 6-9 March, Kuwait.
35. 6th Eurasian Meeting on Heterocyclic Chemistry (6th EAMHC), Alicante, Spain, June 30-July 4, 2010.
36. 11th Eurasian Conference on Chemical Sciences, Jordan, The Dead Sea, October 6-11, 2010.
37. 21st IUPAC International Conference on Physical Organic Chemistry (ICPOC 21), Durham University, UK, 9 - 13 September 2012.