

Curriculum Vita

Personal Data

Name	 Dr Waleed Elsayed Boraie (<i>B. Sc.1987, M. Sc. 1992, Ph.D, 1998</i>)
Affiliation	College of Science
Date of Birth	21-11- 1965
Nationality	Egyptian
Marital Status	Married and three kids
Occupation	AssistantProfessor of organic Chemistry, King Faisal University, Al-Hufof, P.O. Box 400, 31982 Al-Hassa, Saudi Arabia & Faculty of Science, Ain Shams University, abbassia, Cairo, Egypt
E-mail	waledboraie65@yahoo.com & wboraie@kfu.edu.sa
Tel:	5800000 extn 1841 Mobile: 00966 541344150 &0561918943
Fax:	00966 3 5886437
Interested Research Area	1- Synthesis of organic compounds and new methodology 2- Polymerization of organoiron complexes 3- Synthesis of new heterocyclic compounds of established or potential biological activity 4- Synthesis of alkanolic acid ester compounds which have biological active 5- Stereo selective addition to arene iron complexes 6- Spectroscopy and ¹ H NMR.
EDUCATION	B. Sc. (1987) Department of Chemistry, Faculty of Science, Ain Shams University, Cairo, Egypt. Major; Chemistry (class with honor degree). M. Sc. (1992) Department of Chemistry, Faculty of Science, Ain Shams University, Cairo, Egypt. Major; Organic Synthesis. Ph.D. (1998) Collaboration supervision program, Ain Shams University, Cairo, Egypt and University of Winnipeg, Manitoba, CANADA, R3B2E9. Major; Heterocyclic Synthesis <i>Organometallic</i>
Employment History Professional Experience 1-Academic Employment:	

Name & Address of Employer	Position or Rank	From	To
College of Science King Faisal U.	Assistant Prof	2006	Till now
Faculty of Science Winnipeg U.	Visiting Prof	Jul.2003	Sep. 2003
Faculty of Science Ain Shams U.	Lecturer	1998	2006
Faculty of Science Winnipeg U.	Instructor	1966	1997
Faculty of Science Ain Shams U.	Assistant lecturer	1992	1995
Faculty of Science Ain Shams U.	Demonstrator	1987	1992

Fellowships And Scientific Recognition:

2-Academic Experience:

- Graduate Research from **1987-1992**; Chemistry Department, Faculty of Science, Ain Shams University Cairo, Egypt.
- Faculty member; from **1987** to present.; Organic Chemistry Division, Department of Chemistry Faculty of Science, Ain Shams University Cairo, Egypt. Supervised and directed Staff of Undergraduate and Postgraduate Students in Teaching and Research activities in different topics in organic synthesis [(Heterocyclic synthesis (Furanones, pyridazinones and coumarines) Natural product synthesis and Purine chemistry, Asymmetric synthesis, Asymmetric catalysis and organometallic chemistry [Oxidative additive (Pd, Fe and Cr).
- I have taught different basic course of Organic Chemistry and General Chemistry for Students of Major Chemistry Spectroscopy (IR, UV, NMR (1D&2D), GC/MS, Vitamins, Chemotherapy, Lipids, Steroids, Purine, Anthocyanines, Carbohydrates, Stereochemistry, Organometallic Chemistry, and Reactions Mechanisms in Ain Shams University
- I have taught different basic course of Organic Chemistry and General Chemistry for Student for different colleges (Science, Medicine, Agriculture, and Veterinary) in King Faisal University
- PhD Scholarship by High Education Commission of Egypt from **1992-1997** as channel system with CANADA at Department of Chemistry, University of Winnipeg Manitoba, CANADA, R3B2E9.

3-Computer level(IBM and Macintosh); I have a high experience for using Microsoft Word, Excel, Power Point

I am familiar and able to draw any chemical structure in 2 and 3 Dimensional by using CS Chemoffice

4-Scientific Qualification

B.Sc. in chemistry (excellent degree)	Faculty of Science Ain Shams University 1987
M.Sc. in organic chemistry	Faculty of Science Ain Shams University 1992
Ph.D. in organic chemistry	Faculty of Science Ain Shams University 1998

Publications

- 1-The effect of solvent on the synthesis of pyridazinones and some reaction of new compounds
Sayed, G.H.; Radwan, A.; Hamed, A.A. and Boraie, W.E. Bull. Chem. Soc. Jpn., 66.**1993**.477
- 2-Synthesis and Reactivity of Amino- and Nitro-Arene Cyclopentadienyliron Complexes
Al-Salem, N.A.; Boraie, W.E. and Abd-El-Aziz, A.S. 31st international conference on coordination chemistry (Vancouver, Canada, August, **1996**)
- 3-The Synthesis of Alkylated or Acylated Nitroarene Cyclopentadienyliron Complexes; An Alternative Approach to The Synthesis of Alkanoic Acid Esters
Abd-El-Aziz, A.S.; Boraie, W.E.; Al-Salem, N.A.; and Epp, K.M. J.Chem.Soc., Perkin Trans.1.**1997**.1496

- 4-The Role of Photochemical Demetallation of Organometallic Complexes in Polymer Synthesis
4th International Conference Solar Energy Storage and Applied Photochemistry (Cairo , Egypt ,
1-6 Jan ., **1997**) Abd-El-Aziz,A.S.; Christine R.deDenus, Karen M.Epp, Khanh Tran,Andrea White
and Waleed E. Boraie
- 5-The Role of Metal in Organic and Polymer Synthesis 6th Ibn Sina international conference on pure
and applied Heterocyclic chemistry (Cairo , Egypt , Dec ., **1997**) Abd-El-Aziz,A.S.; Boraie,W.E.;
and Christine R.deDenus
- 6-Synthesis of Aromatic Nitriles via the Temporary Complexation of Nitroarenes to the Cationic
Cyclopentadienylirio Moiety Alaa S. Abd –El-Aziz, Waleed Boraie , and Nicole T.Gavel
Organometallics, Vol.18.No 8, **1999**,1562
- 7-The use of 4-(3,4-dichlorophenyl)-4-oxo-2-(4-antipyrinyl)butanoic Acid in the preparation of
some new heterocyclic compounds with Expected biological activity. G.H.Sayed, A.A.Hamed,
G.A. Meligi, W.E.Boraie and M.Shafik *Molecules* 8, 322-332 (**2003**).
- 8-Synthesis of Sulfone-Containing Monomers and Polymers using Cationic Cyclopentadienyliron
Complexes. Alaa S. Abd –El-Aziz, Nelson M.Pereira, Waleed Boraie and Erin K .Todd
*Macromol. Symp.***2004**,209,207-216
- 9-Synthesis and Polymerization of Cationic Bis(Cyclopentadienyliron) Arene Complexes
Containing Arylazo Dyes. Alaa S. Abd –El-Aziz, Nelson M.Pereira, Waleed Boraie and Ken J.
Friesen *Journal of Inorganic and Organometallic Polymers and Materials*, Vol. 15 ,
No.4, PP . 497-509, **2006**
- 10-The use of diarylidene cycloalkanones in the preparation of some new heterocyclic compounds.
W.E. Boraie, S.S. Shaaban and G.H. Sayed , *Molecules*, in press, 2010

• **Conferences & Presentation**

- 1-5th Ibn Sina international conference on pure and applied Heterocyclic chemistry (Cairo,
Egypt, Dec., **1995**)
- 2-31th international conference on coordination chemistry (Vancouver, Canada, August, **1996**)
- 3- Attendant to "**Biochemistry Meeting** "about *Gen. Therapy and DNA*, Department of
Biochemistry Faculty of Science, Ain Shams University, November **1997**.
- 4 Participant in "**Chemistry and the Environment meeting**" Ain Shams University,
December **1997**, Cairo, Egypt.
- 5.Attendant in "**Chemistry meeting of X-ray Crystallography and Diffraction**"
Department of Chemistry, Faculty of Science, Ain Shams University. March 23, **1998**
Cairo, Egypt.
- 6.Participant in *ibn sina workshop on bioorganic chemistry* (December 1-7, **1998**) Organized
By Department of Chemistry, Faculty of Science, Ain Shams
- 7 6th Ibn Sina international conference on pure and applied Heterocyclic chemistry (Cairo ,
Egypt , Dec ., **1997**)
8. 1st international workshop on photochemistry (Cairo , Egypt , December , 1999)
9. 8th Ibn Sina international conference on pure and applied Heterocyclic chemistry (Assiut ,

Egypt , Feb ., **2002**)

10.. **January 2-6, 2005.** Participant/attending in the *10th International Conference Solar Energy Storage and Applied Photochemistry*, Cairo, Egypt.

•**Course Training**

- Solid Waste Management September 25-27,2005 at Ain Shams University, Cairo, Egypt, in collaboration with Texas Gulf Coast Environmental Data Center, Prairie View A&M University, Texas, USA A&M University, Texas, USA.
- Syllabus Design July 7-9 ,2007 at faculty and leadership Development project, Ain Shams University, Cairo, Egypt
- Writing A scientific paper July 12-10 ,2007 at faculty and leadership Development project, Ain Shams University, Cairo, Egypt.
- Teaching Evaluation August 7-9 ,2007 at faculty and leadership Development project, Ain Shams University, Cairo, Egypt.
- How to build e-quiz using webCT26-28/12/1428H at Deanship of Higher Education Development , King Faisal University

Membership In Scientific Societies

- ♦ Egyptian Heterocyclic Society, member **1997- 2005.**
- ♦ Egyptian Service Society and Environment, member **1998.**
- ♦ American Chemical Society, member **1995-1997.**

General Services for the Community

International Services:

- Co-organizer Committee of Symposium Ibn-Sina International conference (**1992, 1995, 1997, 1998, 2000, 2002, 2004**), Cairo, Egypt.
- Membership participant, Manitoba Section of the ACS, **1995-1997.** Chemical Education (IUPAC-ICCE), August **1998**, Cairo, Egypt.

Regional Services::

- Evaluation of natural pollution by materials and the methods of protection, National Research Center, Cairo, Egypt, April, 1998.
- Co-organizer committee of service society and environmental Suez- City, Cairo, Egypt 2000

University Services::

- Internet Policy and training employees 1997-1998 in Faculty of Science, Ain Shams University, Cairo, Egypt.
- Associated of the University Search Committee for pollution in Industrial cities1997-98.
- CO-Organizer member of the workshop for systemic approach of teaching and learning of Chemistry in Universities (SATLCU), February 15-16, **2000.**

College Services::

Coordinator for all sports activity (tennis , football, volley , basketball ,handball and son on---

Department Services::

- NMR and Gc/Ms Users Committee of center Lab., member 1998-2003.
- IR and FT-IR Users Committee, member1998-2003.
- Department Search Committee, member 1998-2005.
- Committee member of Org. Chem. Exam., 1998-2006.
- Committee member of the Org. Chem. Seminars, Coordinator and Organizing for Ph.D. students and guest Professor Speakers 1998-2001
- Control and Exam. Committee, member for undergraduate Student 1998-2005.
- Library committee member 1993,1998, 2004, 2005.

- Organizing committee member of Ibn Sina conferences and workshops.
- Policy, Staffing, and Resources Committee 1987-92.

Past and Current Approved Supervisor and co-Supervisor

FOR M.PHIL(M.SC.)/PH.D. STUDENTS COLLABORATORS:

- ◆ 2M. Sc. (M. Phil.) Students awarded..
- ◆ 3 Students per-year for B.Sc. training Research programs and a review.

Workshops

N ture of Activity	Topic	Place	Date
Participation	First International workshop on "Environmental Photochemistry"	Photoenergy Centre, Ain Shams university, Cairo, Egypt.	Dec. 17-22, 1997.
Participation	Training course: Applications of Photoenergy.	Photoenergy Centre, Ain Shams university, Cairo, Egypt.	Oct., 13-18, 2001
Participation r	Lasers, types and applications	King Faisal University, Al-Hassa, Saudi Arabia	21 April 4 May 2007
Participation	First self evaluation scales for quality assurance	College of Science, King Faisal University, Al-Hassa, Saudi Arabia	Mar 2008
Lecturer	Course Reports	College of Science, King Faisal University, Al-Hassa, Saudi Arabia	Feb. 2008
Chief organizer and Lecturer	Course specifications	College of Science, King Faisal University, Al-Hassa, Saudi Arabia	Jun. 2008
Participation	New technologies in chemistry teaching	College of Science, King Faisal University, Al-Hassa, Saudi Arabia	Apr. 2008
Participation	Universities between International Ranking and Academic Accreditation	King Saud University, Riyadh	June 2008
Chief organizer and Lecturer	Course Reports fifth workshop	College of Science, King Faisal University, Al-Hassa, Saudi Arabia	Feb.2010
Lecturer	First practical workshop	College of Science, King Faisal University, Al-Hassa, Saudi Arabia	April 2010

Funded research projects

1-Catalytic Polymerization of Methylmethacrylate using Different Organometallic Complexes, Kingdom of Saudi Arabia ,Ministry of Higher Education King Faisal University, Deanship of Scientific Reasearch. Project no. 9083,2008

2-Improving Methods of Synthesis of Quinoline as an Active Substance Of Leishmaniasis Drugs by using a New Family of Palladium-zero complexes, Kingdom of Saudi Arabia ,Ministry of Higher Education King Faisal University, Deanship of Scientific Reasearch. Project no. 10096,2009

Referees :

1-Alaa S. Abd El-Aziz (Prof. of Chemistry and Associate Vice President and Chief Operating Officer, Academic and

Research) at University of British Columbia Okanagan, Canada.

Address: 3333 University Way, Kelowna V1V1V, BC, Canada

E-mail : alaa.abd-el-aziz@ubc.ca

2-Galal Hosni Sayed (Prof. of Organic Chemistry in Faculty

Of Science, Ain Shams University, abassia , Cairo, Egypt

Cellular phone :0020182006724

E-mail : g_hosni45@hotmail.com

3-Mohammed A. Al-Omair (Assistant Prof .of Chemistry, Chairman of ChemistryDepartment,

College of Science , King Faisal University Al-Ahssa

Tel. Office : (03) 5886439

Fax : (03) 5886437

Cellular ph.: 0503900757

E-mail : alomair@kfu.edu.sa & maomair@yahoo.com