



Dr. Abeer Obaid Al-Dossary

Assistant professor

Personal Data

Nationality | Saudi

Department | Chemistry

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Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
May 2009	Ph.D. of Organic Chemistry	KSA, Dammam	King Faisal University
June 2003	Master of Organic Chemistry	KSA, Dammam	College of Science
July 1996	Bachelor of Chemistry Science	KSA, Dammam	College of Science

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Studies on the Chemical Treatment of poly(vinyl chloride) Using Organic Stabilizer Environmentally Safe.
Master	Studies on Structure – property relationships for novel wholly aromatic polyamide-hydrazides

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman Bin Faisal University	13/07/2009
Lecturer	College of Science – Dammam	04/07/2004
Demonstrator	College of Science – Dammam	22/06/1997

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Vice dean for Quality and Development	Community College-Dammam, University of Dammam #419/42	February 2014 to January 2016
Coordinator of Quality, Development and Community Service for	Community College-Dammam, University of Dammam #963/42	August 2013 to February 2014



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Sara Nabil and Abeer Obaid Hamad Al-Dossary	Synthesis, Molecular Docking, Anticancer Activity of Some New Heterocyclic Compounds Containing the Pyrazolyl Moiety	European Journal of Pharmaceutical and Medical Research 4(2):685-698 (2017)
2	Abir Abdel-Naby and Abeer Obaid Hamad Al-Dossary	Stabilization of rigid poly(vinyl chloride) against photo-degradation using dienophilic compounds.	Journal of Applied Polymer Science, 114 ,3218 (2009)
3	Abir Abdel-Naby and Abeer Obaid Hamad Al-Dossary	Use of N-(N'-Arylamino)maleimides to Improve the Thermal Properties of Poly(vinyl chloride) Through Chemical Modification and Graft Copolymerization.	Journal of Vinyl Additive and Technology, 14 ,167 (2008)
4	Abir Abdel-Naby and Abeer Obaid Hamad Al-Dossary	Inhibition of the Thermal Degradation of Rigid Poly(vinyl chloride) by Dienophilic Compounds.	Journal of Vinyl Additive and Technology, 14 ,175 (2008)
5	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamide-hydrazides containing various proportions of para-phenylene and meta-phenylene units: IV. Preparation and characterization of metallized plastic films through transition metal complexation.	Polymer Testing, 22, 785 (2003)
6	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamide-hydrazides containing various proportions of para-phenylene and meta-phenylene units: III. Preparation and properties of semi-permeable membranes for water desalination by reverse osmosis separation performance.	European Polymer Journal, 39, 1653 (2003)
7	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamide-hydrazides containing various proportions of para-phenylene and meta-phenylene units: II. Thermal stability and degradation behaviour.	Polymer Degradation and Stability, 79, 61 (2003).
8	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamide-hydrazides containing various proportions of para-phenylene and meta-phenylene units: I. Synthesis and characterization.	European Polymer Journal, 39, 739 (2003).



Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1	Sara Nabil and Abeer Obaid Hamad Al-Dossary	<i>In vitro</i> cytotoxic evaluation of some new synthesized pyridazine derivatives	Asian Journal of Chemistry	5/1/2019

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Abir Abdel-Naby Abeer O. Al-Dossary Azza A. Alghamdi	Stabilization of poly(vinyl chloride) against photo and thermal degradation	2014 #2013133

Current Researches

#	Research Title	Name of Investigator(s)
1	Design, Synthesis, <i>in vitro</i> evaluation of novel ligands for GABA-A receptors	Rana T. Al Hussainy, Abeer O. Al-Dossary

Books

#	Book name	Done by	Publication information
1	Introduction to Organic Spectroscopy "In Arabic Language"	Refea Alghamdi Abeer O. Al-Dossary	Al Mutanabbi Bookshop – Dammam – 1435 H

Initiatives

#	Initiatives Title	Date
1	Almahasheer, Muneerah & Abeer Aldossery " Reinforce the Optimization of the Technical and Vocational Admission in Higher Education " to review the role of the technical education to accommodate 25% of the academic admission, and identify possible obstacles, and suggest trends and plans, that may facilitate the mission of the Ministry of Education to meet the requirements of the Labor Market, a Knowledge Based Society , and Community Development- Riyadh.	2015

Honors and Awards

#	Awards name	Date
1	Almarai Award for Scientific Innovation, Branch Award scientific research (for women),	2005

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	"Chemistry of petroleum industry and environment" First Gulf Chemists Symposium	Al Khobar Le Meridien Hotel, Al Khobar, Saudi Arabia (7/1439 H)	Attendance



#	Conference Title	Place and Date of the Conference	Extent of Contribution
2	Arab conference on the effects of economic development and nanotechnology	King Fahd University of petroleum and minerals, Dhahran, Saudi Arabia 11-13/04/1431 H.	Attendance
3	2 nd National Quality Conference	Al Khobar Le Meridien Hotel, Al Khobar, Saudi Arabia (27/6/1428 H)	Attendance
4	1 st Saudi science conference: new Trends for the colleges of sciences in Saudi Arabia creative education and industrial research	15-17/01/1422h, King Fahd University of petroleum and minerals, Dhahran, Saudi Arabia.	Attendance

Membership of Scientific and Professional Societies and Organizations

- Saudi Chemical Society (SCS)
- Saudi Arabian International Chemical Science

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Chemistry Project	CHEM 474N – Level 7 CHEM 4500 – Level 8	Supervision
2	Organic Spectroscopy	CHEM 355N – Level 6 CHEM 3140 – Level 6	Lectures and Laboratory
3	Stereochemistry	CHEM 353N – Level 5	Lectures
4	Organic Chemistry 1	CHEM 2030 - Level 3	Lectures and Laboratory
5	Organic Chemistry 2	CHEM 2140 Level 4	Lectures and Laboratory
6	Organic chemistry (biology)	CHEM 113N - Level 3	Lectures and Laboratory
7	Organic Chemistry I	CHEM 302 - Level 5	Lectures and Laboratory
8	General Chemistry (1)	CHEM 1010 – Level 1 CHEM 101N – Level 1 CHEM 203 – Level 3	Laboratory
9	General Chemistry (2)	CHEM 1100 – Level 2 CHEM 142N – Level 2	Laboratory
10	Organic Chemistry (1)	CHEM 162N - level 2	Laboratory
11	Organic Chemistry II	CHEM 305 – Level 6	Laboratory
12	Organic Chemistry (heterocyclic compounds)	CHEM 3030 – Level 6	Laboratory
13	Organic Synthesis	CHEM 459N – Level 8	Laboratory
14	Physical Organic Chemistry	CHEM 405N – Level 7	Laboratory
15	Chemistry of Polymer and Oil	CHEM 414N – Level 8	Laboratory
16	Biochemistry 1	CHEM 3120 – Level 6	Laboratory
17	Biochemistry 2	CHEM 4220 – Level 8	Laboratory
18	Analytical Chemistry (Qualitative)	CHEM 2050 – Level 3	Laboratory



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
19	Analytical Chemistry (Quantitative)	CHEM 2160 – Level 4	Laboratory
20	Methods of Chemical Separation	CHEM 3160 – Level 6	Laboratory
21	Analytical Chemistry	CHEM 241N – Level 3	Laboratory
22	Instrumental Chemical analysis I	CHEM 304 – Level 6 CHEM 308O – Level 5 CHEM 443N – Level 7	Laboratory
23	Inorganic Chemistry	CHEM 231N – Level 3	Laboratory

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.
1	Organic Spectroscopy CHEM 355N – Level 6 CHEM 314O – Level 6	✓ ✓	✓ -	✓ ✓	-
2	Stereochemistry CHEM 353N – Level 5	✓	✓	✓	-
3	Organic Chemistry I CHEM 302 - Level 5 CHEM 203O - Level 3	- ✓	✓ -	✓ ✓	-
4	Organic Chemistry II CHEM 214O Level 4	✓	-	✓	-
5	Organic Chemistry (biology) CHEM 113N - Level 3	✓	✓	✓	-

Ongoing Research Supervision

#	Degree Type	Supervision	Title	Institution	Date
1	Master	Rana T. Al Hussainy, Abeer O. Al-Dossary	Design, Synthesis and Evaluation of Novel Derivatives of Coumarin	Department of Chemistry, College of Science, Imam Abdulrahman Bin Faisal University	2018

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	5/1/1438 H	present	Head of the organizing committee of conducting final exams.	Chemistry Department – College of Science
2	1437 H	One semester	Head of the committee of questions management.	Chemistry Department – College of Science
3	10/1431 H	12/1432 H	Head of Coordination Unit and the Technical Performance of the bachelor's degree labs.	College of Science - Dammam



Committee Membership

#	From	To	Position	Organization
4	12/2018	Present	Supervisor Responsible for Chemistry Section Content on the College Website	Chemistry Department – College of Science
5	2015	2017	Member of the committee on the academic development of programs in the chemistry department, college of science University of Dammam	Chemistry Department – College of Science
6	2015	2016	Member of CDD E-Learning Plan for Ecosystem Development Committee “E-Learning”	Community College of Dammam
7	2015	2016	Member of the E- Book Project Committee - Community College in Dammam	Community College of Dammam
8	2015	2016	Member of the Community colleges partnerships program project at the University of Dammam	Community College of Dammam
9	2015	2016	Member of the General Quality Assurance Committee	Community College of Dammam
10	2015	2016	Member of the Committee of Course Plans Drafting for administrative and financial programs for the diploma programs -	Community College of Dammam
11	2015	2016	Member of the Demonstrators’ Nomination Committee -	Community College of Dammam
12	2015	2016	Member of the Sub-Committee of Students' Conduct - Community College of Dammam	Community College of Dammam
13	2013	One semester	Coordinator of Students’ Conference V.	Community College of Dammam
14	2012	One semester	Member of the Scientific Research Committee	Chemistry Department – College of Science
15	Several years	-	Member of the Equations Committee	Chemistry Department – College of Science
16	2011	2013	Member in the committee of organizing the admission test for applicants to masters, and PhD programs and applicants for the job of demonstrator	Chemistry Department – College of Science
17	2011	One semester	Member of the Advisory Board of Administrative Development and Training Office	Chemistry Department – College of Science
18	2010	One semester	Member of the Scientific Committee in the Second Scientific Conference for Students of Higher Education in the Kingdom of Saudi Arabia	College of Science - Dammam
19	2009	Present	Member of the academic guidance committee	Preparatory Conference - University of Dammam
20	2009-	present	Member board of the Chemistry Department	Chemistry Department – College of Science
21	2009	2013	Supervisor at the National Center for Assessment in Higher Education for five consecutive years.	National Center for Measurement and Assessment



#	From	To	Position	Organization
22	Several years	-	Member of the tables committee	National Center for Measurement and Assessment

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	1439 H	First semester	Graduate student Training.	Chemistry Department – Science College in Dammam
2	1439 H	Second semester	Graduate student Training.	Chemistry Department – Science College in Dammam
3	1437 H	One semester	A Reviewer for the Chemistry program at the college of Science in Hafr Al-Batin University.	Chemistry Department – Science College in Dammam
4	1436 H	1438 H	Member of the Scientific Committee	Saudi Society for Community Colleges

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

Computer skills: Microsoft Office, different scientific software such as Chem draw and Chemwindow

Last Update

27/01/2019