



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	Wafa Al-Mughrabi, Abeer O. Al-dossary , and Abir Abdel-Naby.	Free Radical Copolymerization of Diallylamine and Itaconic Acid for the Synthesis of Chitosan Base Superabsorbent.	Polymers. 14(9), 1707 (2022)
2	Sara Nabil and Abeer Obaid Hamad Al-Dossary	<i>In vitro</i> cytotoxic evaluation of some new synthesized pyridazine derivatives	Asian Journal of Chemistry 31(3):744-750 (2019)
3	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)
4	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)
5	Abir Abdel-Naby and Abeer Obaid Hamad AlDossary	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)
6	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)
7	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamidehydrazides containing various proportions of para-phenylene and metaphenylene units: IV. Preparation and characterization of metallized plastic films through transition metal complexation.	Polymer Testing, 22, 785 (2003)
8	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamidehydrazides containing various proportions of para-phenylene and metaphenylene units: III. Preparation and properties of semi-permeable membranes	European Polymer Journal, 39, 1653 (2003)



#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
		for water desalination by reverse osmosis separation performance.	
9	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamidehydrazides containing various proportions of para-phenylene and metaphenylene units: II. Thermal stability and degradation behaviour.	Polymer Degradation and Stability, 79, 61 (2003).
10	Nadia Ahmed Mohamed and Abeer Obaid Hamad Al-Dossary	Structure – property relationships for novel wholly aromatic polyamidehydrazides containing various proportions of para-phenylene and metaphenylene 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
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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	-	

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 for 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 1113/04/1431 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	Research Project	CHEM 508 – Level 10 CHEM 474N – Level 7 CHEM 4500 – Level 8	Lectures Supervision Supervision
2	Organic Spectroscopy	CHEM 408 – Level 8 CHEM 355N – Level 6 CHEM 314O – Level 6	Lectures and Laboratory
3	Stereochemistry	CHEM 353N – Level 5	Lectures
4	Organic Chemistry 1	CHEM 203O - Level 3	Lectures and Laboratory
5	Organic Chemistry 2	CHEM 214O 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 101O – Level 1 CHEM 101N – Level 1 CHEM 203 – Level 3	Laboratory
9	General Chemistry (2)	CHEM 110O – 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 303O – 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 312O – Level 6	Laboratory
17	Biochemistry 2	CHEM 422O – Level 8	Laboratory
18	Analytical Chemistry (Qualitative)	CHEM 205O – Level 3	Laboratory
19	Analytical Chemistry (Quantitative)	CHEM 216O – Level 4	Laboratory



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
20	Methods of Chemical Separation	CHEM 316O – 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 408 – Level 8 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	✓	✓	✓	-

Supervision/ Examiner of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Master / as Examiner	Green Synthesis, Pharmacological Evaluations and Molecular Docking Studies of Novel Chromenone Derivatives	Chemistry Department, College of Science, IAU	2022
2	Master / as co-Supervisor	Design, Synthesis and Evaluation of Novel Derivatives of Coumarin	Chemistry Department, College of Science, IAU	2018-2020

Administrative Responsibilities, Committee and Community Service

(Beginning with the most recent)

Administrative Responsibilities



#	From	To	Position	Organization
1	2020	Present	Head of Scientific Research Committee	Chemistry Department – College of Science
2	1438 H	1441 H	Head of the organizing committee for conducting final exams.	Chemistry Department – College of Science
3	1437 H	One semester	Head of the exam questions management committee.	Chemistry Department – College of Science
4	10/1431 H	12/1432 H	Head of Coordination Unit and the Technical Performance of the bachelor's degree labs.	College of Science - Dammam
5	12/2018	Present	Supervisor Responsible for Chemistry Section Content on the College Website	Chemistry Department – College of Science

Committee Membership

#	From	To	Position	Organization
6	2015	2017	Member of the committee on the academic development of programs in chemistry department, college of science University of Dammam	Chemistry Department – College of Science
7	2015	2016	Member of CDD E-Learning Plan for Ecosystem Development Committee “E-Learning”	Community College of Dammam
8	2015	2016	Member of the E-Book Project Committee - Community College in Dammam	Community College of Dammam
9	2015	2016	Member of the Community colleges partnerships program project at the University of Dammam	Community College of Dammam
10	2015	2016	Member of the General Quality Assurance Committee	Community College of Dammam
11	2015	2016	Member of the Committee, of Course, Plans Drafting for administrative and financial programs for the diploma programs -	Community College of Dammam
12	2015	2016	Member of the Demonstrators' Nomination Committee -	Community College of Dammam
13	2015	2016	Member of the Sub-Committee of Students Conduct - Community College of Dammam	Community College of Dammam



#	From	To	Position	Organization
14	2013	One semester	Coordinator of Students' Conference V.	Community College of Dammam
15	2012	One semester	Member of the Scientific Research Committee	Chemistry Department – College of Science
16	Several years	-	Member of the Equations Committee	Chemistry Department – College of Science
17	2011	2013	Member of the committee organizing the admission test for applicants to masters, and Ph.D. programs and applicants for the job of demonstrator	Chemistry Department – College of Science
18	2011	One semester	Member of the Advisory Board of Administrative Development and Training Office	Chemistry Department – College of Science
19	2010	One semester	Member of the Scientific Committee in the Second Scientific Conference for Students of Higher Education in the Kingdom of Saudi Arabia	Preparatory Conference - University of Dammam
20	2009	Present	Member of the academic guidance committee	College of Science - Dammam
21	2009-	present	Member board of the Chemistry Department	Chemistry Department – College of Science
22	2009	2013	Supervisor at the National Center for Assessment in Higher Education for five consecutive years.	National Center for Measurement and Assessment
23	Several years	-	Member of the tables committee	College of Science - Dammam

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	4/2/2024	11/2/2024	Successful Researcher Program "The Idea Initiator and a Member of the Scientific Committee"	Chemistry Department – Science College in Dammam
2	12/12/2023	13/12/2023	Research Forum CHEM-IAU 2023 (Scientific Program - Online - Preparation and Supervision).	Chemistry Department – Science College in Dammam
3	11/12/2022	8/1/2023	Successful Researcher Program "The Idea Initiator and a Member of the Scientific Committee"	Chemistry Department – Science College in Dammam
4	1439 H	First semester	Graduate student Training.	Chemistry Department – Science College in Dammam



#	From	To	Type of Volunteer	Organization
5	1439 H	Second semester	Graduate student Training.	Chemistry Department – Science College in Dammam
6	1437 H	One semester	A Reviewer for the Chemistry Program at the College of Science, Hafr Al-Batin University	Chemistry Department – Science College in Dammam
7	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 Chemdraw and Chemwindow
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Last Update

2024