



# Dr. Fatema Attia Musfer Al-Zahrany

Assistant professor

## Personal Data

Nationality | Saudi

Department | Chemistry

Official iau Email | falzahrany@iau.edu.sa

Office Phone No. | +966 3 3337254

## Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
9/2/1419H	Bachelor	College of science	Dammam
18/8/1425H	Master	College of science	Dammam
2/7/2011	Doctorate	College of science	Dammam

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

PhD	Differential electrolytic Potentiometric Method as a Detector for Advanced Analytical Techniques : Evaluation and Analytical Applications
Master	Determination of Metals in Some Saudi Arabian Dates

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant professor	College of science- Dammam - building No 1 office No GF6	10/8/2011
Lecturer	College of science- Dammam - building No 1 office No GF6	22/4/1424H
Teaching Assistant	College of science- Dammam - building No 1 office No GF6	24/1/1999

## Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Director of quality control and development	GF6	22/10/2017- 2/ 9/2018
Head of Quality committee Development & Accreditation of the Department of Chemistry	GF6	2016-2019



Administrative Position	Office	Date
The committee schedules a member of the Department of Chemistry	GF6	2011- 2016
Academic Advising Committee	GF6	2011-2019
Monitoring Committee	GF6	2004 - 2019

### 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	Mohammed Sharif Al-Sheraideh, Fatema Attia Al-Zahrany	Phytochemical Constituents of Natural Extract of Prickly Pads (Opuntia Ficus-Indica) from Northern and Middle Provinces of the Midle East Area using (ICP-EAS)/(GC-MS) techniques	Der Pharmacia Lettre, 2018, 10 [11]: 37-49
2	Insaf Abdi, Fatmah Alzahrany, Jérôme Lhoste, Jean-Marc Greneche, Amor Ben Ali	Synthesis, crystal structure and Mössbauer study of new iron fluoride $[C_2N_5H_6]_2 \cdot (FeF_5(H_2O)) \cdot 2H_2O$	Journal of Advances in Chemistry(2014): vol 10, No4.2617-2624
3	Abulkibash, Abdalla M.; Al-Zahrany, Fatema A.; El Ali, Bassam M.	A Batch-Wise Flow Analyzer for the Determination of Chloride in Potable Waters Using Differential Electrolytic Potentiometry	Arabian Journal for Science and Engineering (2013): 1-7 , February 06, 2013
4	Al-Zahrani, Fatima Attia Khattab , F	determination of minerals in some dates, Saudi Arabia by atomic absorption and atomic emission flame	Journal of Saudi Chemical Society, Volume 10, Issue 3, pages 585-596 (2006)

#### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	King Abdulaziz City for Science and Technology (KACST) and King Fahd University of Petroleum & Minerals (KFUPM)	25-27O October, 2016 At King Fahd University of Petroleum and Minerals (KFUPM) , Dhran – Kingdom of Saudi Arabia	Present

#### Membership of Scientific and Professional Societies and Organizations

- E-Learning courses
- Boards' Meetings (NCAAA)

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	General Chemistry I	CHEM 201N	lectures
2	Analytical Chemistry	CHEM 241N	lectures



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
3	Instrumental Chemical Analysis(1)	CHEM 342N	lectures
4	Analytical chemistry	CHEM241N	Labs
5	Organic Chemistry 1	CHEM162M	Labs
6	General Chemistry (1)	CHEM101N	Labs
7	Instrumental Chemical Analysis(2)	CHEM443N	Labs

#### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	General chemistry201 course covers these fundamental subjects: Chemical foundations, atoms, Molecules, and Ions, stoichiometry, types of chemical reactions and solution stoichiometry, atomic structure and periodicity, bonding: general concepts and covalent bonding: orbitals.
2	Analytical chemistry241 is a title course intended for undergraduate chemistry major's. Chapter's contents should have focused on the theoretical parts which related to practical application used in chemical and different environmental disciplines. The course description will cover review of fundamental concepts, principles of volumetric titrations, gravimetric analysis, analytical process, concentration of solutions, in addition to the practical examples concerning acid-base, precipitation, back titration, indicators and redox titrations.
3	Instrumental Chemical Analysis(1) 342 This course covers about a half a semester of instrumental analysis which is a standard part of the undergraduate chemistry curriculum Most often chemists do this using instruments of some sort. Machines like mass spectrometers or gas chromatographs can indicate both what's in a sample (qualitative) as well as how much of something there is (quantitative). Students who complete this class will understand that analytical instruments are not black boxes, but rather complex tools whose utility depends in detail on how analysts both configure and apply them. students will learn facts about major classes of instruments commonly used in chemical analysis

#### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
1	General Chemistry I		√	√			
2	Analytical Chemistry		√	√			
3	Instrumental Chemical Analysis(1)	√		√			

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	6	11		

#### Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Master	Extraction of Some Food Additives from Aqueous Solutions by Liquid-Liquid Extraction Based on Ionic Liquids	college of science	



## Administrative Responsibilities, Committee and Community Service

### (Administrative Responsibilities)

#	From	To	Position	Organization
1	8/5/2016	2019	Head of Quality, Development & Accreditation	college of science
2	22/10/2017	2/9/2018	Dierctor of quality control and development	college of science

### Committee Membership

#	From	To	Position	Organization
1	11/3/2017	11/11/2018	E-Learning courses	college of science
2	8/5/2016	11/11/2018	Boards' Meetings (NCAAA)	college of science

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

1	Use PowerPoint presentations .
2	Skill in excel
3	Skill in all computer program
4	Good communication and interpersonal skills

### Last Update

...15...../...1.../2019