



## FACULTY FULL NAME: **Ishah Hadi Abu-Meddain**

**POSITION:** Assistant professor

### Personal Data

Nationality | Saudi

Department | Chemistry

Official UoD Email | aishehri@iau.edu.sa

Office Phone No. | 0133337245

### Language Proficiency

Language	Read	Write	Speak
Arabic	Mother tongue		
English	Proficient	Proficient	Proficient

### Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2019	Ph.D. Chemistry	Clarkson University	NY, USA
2010	M.S. Chemistry	Dammam University	Dmm. KSA
2005	B.S. Chemistry	King Faisal University	Dmm, KSA

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

Job Rank	Place and Address of Work	Date
Assistant professor	Imam Abdulrahman bin Faisal University	2019
Lecturer	King Faisal University	2008-2010
Teaching assistant	King Khalid University	2005-2007

### Research Experience

- Synthesis of well-defined polymer with different architecture (i.e, block or gradient) using Modern reversible deactivation radical polymerization (RDRP) techniques
- Synthesis of polymer particles using emulsion polymerization
- Shape memory polymers applications
- Synthesis of polymer and heterocyclic compounds for medical applications
- Photopolymerization



### Instrumental Skills and Abilities

**Spectroscopy** (FT-IR, NMR), **Chromatography** (GPC, 2D-GPC, TLC,), **Particle Sizing** (Laser Diffraction, DLS), **Thermal Analysis** (DSC, DMA), **Microsoft Programs** (Word, Excel, PowerPoint), **Organization, Communication** (presenting, listening retention)

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Forum of Females Academic Leaders in Saudi Universities	Dammam, Saudi Arabia, Feb 2020	Attendance
2	First Gulf Chemists Symposium	Al Manama, Bahrain, April 2019	Attendance
3	ACS National Meeting & Exposition	Philadelphia, Penn, August 2016. USA	Oral presentation
4	ACS National Meeting & Exposition,	Washington DC, August 2017 USA	Poster
5	Northern New York Local Section 7th Annual NNY ACS Research Symposium,	Potsdam, NY, March 2015	Oral presentation
6	Northern New York Local Section 9th Annual NNY ACS Research Symposium.	Potsdam, NY, March 2018. USA	Poster

### Membership of Scientific and Professional Societies and Organizations

- Member of the Saudi Chemical Society (SCS) 2007 - present
- Member of the American Chemical Society (ACS) 2013 - present
- Member of Frontiers 2020 - present

### Teaching Activities

Responsibilities included tutoring, teaching lectures, setting up and teaching lab classes, holding office hours to help students, proctoring exams, grading (exams, labs, homework), and mentoring students.

1. General Chemistry Teaching Assistant (Non-Majors)- King Khalid University, KSA
2. Graduate Teaching Assistant (Organic-Major) - King Faisal University, KSA
3. General Chemistry -Clarkson University, USA
4. Organic Chemistry 1-IAU, KSA
5. Organic Chemistry 2- IAU, KSA
6. Polymer Chemistry 1 and 2 – IAU, KSA
7. Organic Spectroscopy -IAU Chemistry Master Program
8. General Chemistry Laboratory
9. Organic Chemistry 1 and 2 Laboratory



10. Organic Spectroscopy 1 Laboratory
11. Safety in the Laboratory
12. Coordination Chemistry Laboratory
13. Instrumental Chemical Analyses Laboratory

### Committee Membership

#	From	To	Position	Organization
1	2019	present	Quality and accreditation	Chemistry Department

### Personal Key Competencies and Skills

- Self-motivated scientist with experience includes utilizing a variety of polymerization techniques for polymer synthesis and the design of novel polymer materials while overseeing various undergraduate researchers, teaching lectures and lab courses and mentoring
- Interested in developing a career in chemistry that can utilize my experience and skills in time management, adaptability, and good communication.

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### Last Update

June 1, 2019