



FACULTY FULL NAME: Ishah Hadi Abu-Meddain Alshehri

POSITION: Assistant professor

Personal Data

Nationality | Saudi

Department | Chemistry

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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
2000	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	2000-2007

Experience

- Synthesis of well-defined polymer with different architecture (i.e, block, statistical, and gradient) using Modern reversible deactivation radical polymerization (RDRP) techniques
- Synthesis of polymer particles using emulsion polymerization
- Synthesis of polymer and heterocyclic compounds for medical applications
- Photopolymerization for shape memory polymers applications
- Collaboration with SI-group dealing with Phenolic Resins for Rubber, Schenectady, United States
- Theoretical and experiments developments of Cost Effective and Green Corrosion Inhibitors for Steel in Cooling Water Systems.
- Collaboration with the National Institute of Chemistry in Ljubljana, Slovenia
- Collaboration with Chimie ParisTech _CNRS Research-IRCP, in PSL University



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

The listed conferences and professional activities represent selected and most recent contributions, and do not encompass all participations. A complete record is available upon request.

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Human Capabilities Conference (HRSD, 2025) – Attendance	HRSD, KSA, 2024	Attendance
2	Future Green Conference (KFUPM, 2025) – Attendance	KFUPM, KSA, 2025	Attendance
3	EDGE International Exhibition for Education	Ministry of Education, KSA 2025	Attendance
	Lifelong Learning: Equipping Graduates with Future-Ready Skills (IAU, 2025	Attendance
4	Program on Water Research & Innovation – Attendance	IAU, 2025	Attendance
5	Project-Based Learning Strategies	IAU, 2024	Training Program
6	Curriculum Design using UBD Model	IAU, 2024	Training Program
7	AI Applications in Higher Education Student Assessment (IAU/Turku, 2024) – Training Program • Enhancing Learning Through the Use of Technology (IAU, 2024) – Training Program	IAU/Turku, 2024	Attendance
8	Enhancing Learning Through the Use of Technology	IAU, 2024	Training Program
9	Flipped Classrooms (IAU, 2023) – Training Program	IAU, 2023	Training Program
10	Flipped Classrooms (IAU, 2023) – Training Program	Flipped Classrooms (IAU, 2023) – Training Program	Flipped Classrooms (IAU, 2023) – Training Program
11	UNCCD COP16	Riyadh, Saudi Arabi, 2023	Attendance
12	The first annual innovation ceremony	IAU, Dammam, Saudi Arabia, 2023	Attendance
13	The International Webinar on Science, Sustainable Development and Ecosystems in Saudi Arabia 202	Webinar, 2022	Jury Member Poster day
14	The International Webinar on Science, Sustainable Development	Webinar, 2021	Organizer



	and Ecosystems in Saudi Arabia 2021		
15	Innovative Materials for a Sustainable Future	KFUPM, 2022	Attendance
16	ACS National Meeting & Exposition	Philadelphia, Penn, August 2021. USA	Online attendance
17	Thriving in the Age of Corona: Challenges and Opportunities	KFUPM, 2020	Online attendance
18	Forum of Females Academic Leaders in Saudi Universities	Dammam, Saudi Arabia, Feb 2020	Attendance
19	First Gulf Chemists Symposium	Al Manama, Bahrain, April 2019	Attendance
20	ACS National Meeting & Exposition	Philadelphia, Penn, August 2016. USA	Oral presentation
21	ACS National Meeting & Exposition,	Washington DC, August 2017 USA	Poster
22	Northern New York Local Section 7th Annual NNY ACS Research Symposium,	Potsdam, NY, March 2015	Oral presentation
23	Northern New York Local Section 9th Annual NNY ACS Research Symposium.	Potsdam, NY, March 2018. USA	Poster

Current Researches

#	Research Title	Name of Investigator(s)
1	Theoretical & Experiments Developments of Cost Effective And Green Corrosion Inhibitors For Steel In Cooling Water Systems.	Dr. Aeshah Al amri, and Dr. Ishah Hadi
2	Synthesize Biobased Block Copolymers Using One Pot Strategy.	Dr. Ishah Hadi Prof. Christophe THOMAS Dr. Regis GAUVIN
3	A Novel Synthetic Strategy for Preparing Biodegradable Polymers for Sustainable Environmental Development	Dr. Ishah Hadi

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, IAU, KSA
9. Organic Chemistry 1 and 2 Laboratory, IAU, KSA
10. Advanced Laboratory, IAU, KSA
11. Advanced Laboratory, IAU, KSA
12. Research project, IAU, KSA
13. Summer training, IAU, KSA
14. Organic Spectroscopy 1 Laboratory, IAU, KSA
15. Safety in the Laboratory, IAU, KSA
16. Coordination Chemistry Laboratory, IAU, KSA
17. Instrumental Chemical Analyses Laboratory, IAU, KSA
18. Chemistry of Petroleum and Petrochemicals , IAU, KSA
19. Polymer Characteristics and Industry Applications, IAU, KSA

Scientific Achievements

- I.H. Alshehri, D. Pahovnik, E.Žagar, and D.A. Shipp., Stepwise Gradient Copolymers of n-Butyl Acrylate and Isobornyl Acrylate by Emulsion RAFT Copolymerizations. *Macromolecule*. 2022
- I.H. Alshehri, et al., Synthesis and reactions of some novel 4-biphenyl-4-(2H)-phthalazin-1-one derivatives with an expected antimicrobial activity. *Journal of Saudi Chemical Society*. 2010
- PARIS CHEMISTRY RESEARCH INSTITUTE (IRCP) COCP team_Chimie ParisTech
- RDIA Proposal: A Novel Synthetic Strategy for Preparing Biodegradable Polymers for Sustainable Environmental Development by Ishah Hadi
- Biobased Triblock Copolymers: Emerging Advances and Applications as Thermoplastic Elastomers, in Progress

Committee Membership

#	From	To	Position	Organization
1	2023	Present	Vice Chair of the Academic Supervision Committee	Chemistry Department
2	2023	Present	Member of the Curriculum Committee	Chemistry Department
3	2022	2023	Department coordinator in Graduation Project committee	Vice Deanship of Training Affairs
4	2021	2022	Member in the committee of converting into three terms	College of science
5	2019	2020	Remote lecture design committee	Chemistry Department
6	2019	Present	Quality and accreditation	Chemistry Department
7	2020	2022	Summer Field Training Chemistry Department Coordinator	Vice Deanship of Training Affairs Chemistry Department
8	2019	2020	Chemistry department Council	Chemistry Department
9	2005	2009	Exam unit committee	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.

PROFESSIONAL DEVELOPMENT PROGRAMS

Workshop Attendance_ Organized of the Deanship of the development of university education at IAU.

- Developing Core Competencies in Teaching and Learning for Faculty Members (50), 2020
- Learning and Leading in the 21st Century, 2021
- University teaching in the light of development, the labor market and skills 21, 2022
- Professional growth planning for a faculty member, 2022
- Universal teaching values, 2022
- Field trips to several industrial and governmental stakeholders to introduce the department of chemistry and increase the chances of accepting students for summer training.

Last Update

Aug, 2025