

## Dr. Mona H Alhalafi

Assistant Professor

Chemistry Department

College of Science, Zulfi

Majmaah University

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<b>Research Interests:</b>	
Coordination Chemistry	
Catalysis	
Ligand-Metal chemistry for Biochemistry	
<b>Language Skills</b>	
Arabic, English	

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### Qualification (Career and University Education)

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2007	Bachelor of Science degree in Chemistry	Collage of Science, Albaha university
2010	Diploma in Human Resources Management	Uk
2012	Master of Science degree in Chemical Research (Green Chemistry)	Collage of Science and Engineering, University of Leicester, Uk
2018	Doctor of Philosophy in inorganic chemistry	Collage of Science and Engineering, University of Leicester, Uk

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### Career and Awards

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2014-2017 Membership in Royal Society of Chemistry
2016-2017 Membership in Saudi Club in Leicester, Uk
2014-2017 Administrator in BSc and MSc student, University of Leicester, UK
2014-2018 Lecturer in Majmaah university, Collage of Science
2018 Assistant Professor in Majmaah University, Collage of Science
2011 Distinguish award From Saudi Arabian Cultural Bureau in London, UK
2012 Distinguish award From Saudi Arabian Cultural Bureau in London, UK

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### Conferences

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1- 42th International Conference on Coordination Chemistry, Brest (France): July 3-8/2016. Participation Type: Presented a Poster.
2- Royal Society of Chemistry Organic Division Midlands Meeting, University of Leicester, April 5/ 2017. Participation Type: Presented a Poster.
3- 9th Saudi student Conferences, Birmingham (UK), February 2016. Participation Type: Presented a Poster.
4- One day symposium on Catalytic C-H Functionalization, University of Leicester, Chemistry Department, January 23/2015. Participation Type: Presented a Poster.

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- 5- Postgraduate Research day, University of Leicester, Chemistry Department, April 2015. Participation Type: Presented a Poster.
- 6- 7<sup>th</sup> International Chemistry Conferences, Riyadh (Saudi Arabia), November 12-14/2018.

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### Publications

- 1- Towards the synthesis of tridentate ligand for catalytic fluorination, 2011, King Fahad National Library.
- 2- Pyridone-substituted Pyridyl imines as Functionalised ligands in Coordination Chemistry and Catalysis, 2018, University of Leicester Library, UK <http://hdl.handle.net/2381/42404>

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### Teaching Experience

Course: General Chemistry 2	Course: 213	Zulfi College of Science	Majmaah University
Course: Inorganic chemistry (Main group elements)	Course: 121	Zulfi College of Science	Majmaah University
Course: Inorganic chemistry (Transition Metal)	Course: 322	Zulfi College of Science	Majmaah University

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### Training Experience

- How to Publish a Scientific paper, 2013
- Language of Scientific theses, 2013
- Basic of a Literature Review in Sciences, 2013
- Endnote for Scientists, 2013
- Preparing for the Probation Review, 2014
- Planning and Constructing your Scientific Literature Search, 2014
- Planning and Giving a Conferences presentation, 2014
- Designing a Poster, 2014
- What is Research data management, 2014
- Data Management and Statistical analysis using SPSS, 2017

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### Practical Skills

- 1- Knowledge of Research Methodology.
- 2- Analytical and Problem Solving.
- 3- Interpersonal and Leadership Skills.
- 4- Writing and Presenting Articles.
- 5- Data and information Collection.
- 6- Professional using the following Machines
  - Mass Spectroscopy
  - Gas Chromatography spectroscopy
  - Nuclear magnetic resonance spectroscopy
  - Infrared spectroscopy
  - X-ray crystallography