



FACULTY FULL NAME: Dr. Hela Nouri

POSITION: Chemistry Assistant Professor

Personal Data

Nationality [Tunisian]

Date of Birth 08-05-1975]

Department [Basic Sciences- Chemistry]

Official UoD Email hNOURI@iau.edu.sa

Office Phone No. [0546470607]

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√
French	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
May 17 th 2013	PhD	France	Faculty of Sciences of Reims- URCA- France
Feb 23 rd 2009	Master	Tunisia	Faculty of Sciences of Bizerte- FSB
Jul 18 th 2005	Bachelor	Tunisia	Faculty of Sciences of Bizerte- FSB

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

PhD	Synthesis and characterization of optical properties of a new ligand derivative-Cyclen azaxanthone: Potential applications in the selective detection of Zn ²⁺
Master	Active Therapeutic Natural Substances Oximes γ -phosphonate synthesis
Fellowship	Tunisian Ministry of Higher Education and Scientific Research doctoral fellowship & Financial support from CNRS- French Ministry of Higher Education and Research

Professional Record: (Beginning with the most recent)



Job Rank	Place and Address of Work		Date
Assistant professor		College of Applied Medical Sciences – Jubail – Chemistry- Health track. Nursing track & Public health track- Al Rakah- Basic Science Department IAU	2023-2024
Assistant professor		College of Sciences and Human Studies, Statistic Humanity track & Science track - Jubail – Basic Science Department, Kingdom of Saudi Arabia	2022-2023
Assistant professor		Communication skills & Learning skills- Health Track-Science track- Self- Development Department, Deanship of preparatory year-IAU	2017-2022
Assistant professor		College of Applied Medical Sciences – Jubail – Chemistry -Health Track	2016-2023
Researcher		LACReSNE- Faculty of Science of Bizerte	2015-2016
Lecturer		Faculty of Science of Bizerte- LACReSNE	2013-2015
Professional Trainer		High Evolutive Technology- Bizerte	2003-2005

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Academic advisor Coordinator	College of Sciences and Human Studies (Humanity track) - Jubail – IAU Kingdom of Saudi Arabia	October 10 th 2017 till June 2023
Academic advisor Coordinator	College of Sciences and Human Studies (Kindergarten track)- Jubail -IAU Kingdom of Saudi Arabia	September 3 rd 2023

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
	Mohamed S. Abd-El-Aty, Mahmoud I. Abo-Youssef, Mohamed M. Bahgt , Omar M. Ibrahim, Hana Faltakh, Hela Nouri et al.	Mode of gene action and heterosis for physiological, biochemical, and agronomic traits in some diverse rice genotypes under normal and drought conditions	Department of Basic Sciences, Deanship of Preparatory Year and Supporting Studies, Imam Abdulrahman Bin Faisal University- Front. Plant Sci., 31 March 2023



Hela Nouri, Cyril Cadiou, Axelle Henry, Isabelle Déchamps, Riadh Ternane, Malika Ayadi, Gilles Lemerrier, Françoise Chuburu	1-(2-Methyl-5H-chromeno[2,3-b]pyridin-5-ylidene) hydrazone as fluorescent probes for selective zinc sensing in DMSO	ICMR- Reims France, LACeSNE Tunisia- April 2014
Hela Nouri, Cyril Cadiou, Latévi Max Lawson-Daku, Andreas Hauser, Sylviane Chevreux, Isabelle Déchamps-Olivier, Fabien Lachaud, Riadh Ternane, Malika Trabelsi-Ayadi, Françoise Chuburu and Gilles Lemerrier	A modified cyclen azaxanthone ligand as a new fluorescent probe for Zn ²⁺	ICMR- Reims University- France, & LACeSNE Tunisia & Science University, Switzerland -The Royal Society of Chemistry, Dalton Trans., 17 Jun 2013

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
	Hela Nouri, Riadh Ternane, Malika Ayadi, Cyrile Cadiou. Françoise, Gilles Lemerrier	Poster: Synthesis and photophysical properties of novel fluorescent sensors for the highly selective Zn (II) detection presented at the First Tunisian Chemical Society Conference on Coordination Chemistry	Tunisian Chemical Society in collaboration with the Royal Society of Chemistry JCC2015 Congress - May 2015
	Hela Nouri, Cyrile Cadiou Françoise, Riadh Ternane, Malika Ayadi, Gilles Lemerrier	Poster: Synthesis, characterization and optical properties of a new derivative of 1,4,7,10-tetraazacyclododecane and its Zn complex, functionalized antenna azaxanthone type	French Chemical Society- SCF- Reims- France – Feb 2012
	Hela Nouri	Poster: Synthesis and characterization of antennas for Optical imagery	Tunisian Chemical Society SCT 2011

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date



Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	Online Symposium on High Impact Educational Practices	KFUPM- Feb 15 th – 16 th 2022	Webinar attendee
	Virtual Symposium on Photoredox Catalysis	Chemistry Europe -Dec 9 th 2021	Webinar attendee

Membership of Scientific and Professional Societies and Organizations

- Saudi Chemistry committee SCS-IAU member

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Chemistry	Chem 103 Chem 105 Chem 205	General Chemistry & Organic Chemistry Lectures and Labs
	Statistic	Stat106 Stat 105	Statistic, Lectures and Lab
	Learning Skills	LRSK 141	Lectures
	Communication Skills	LRSK 142	Lectures

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

Inorganic Chemistry & Organic Chemistry: (Chem 103 Health, Chem105 Public Health, Chem 205 Nursing) course provides a basic knowledge in general and organic chemistry and their applications for the study of scientific and medical technology, performing Laboratory experiments also. related to the health track students' needs (Chemical reactions, chemical bonding, functional groups of organic compounds, structure of atoms, preparation and analysis of solutions, dilution, titration, acids and bases, pH measurements of acids and bases, salts and buffers, carbohydrates, amino acids and proteins ...).

The STAT course is an introductory course of basic concepts in statistic, designed for prep year' students to develop their ability to analyze and interpret data, to demonstrate writing ability of solutions with logical steps. The topics are about descriptive and inferential statistics; data classification; frequency distribution, tables and graphs; measures of central tendency, variation, and position; counting methods. In addition, the course covers some basic topics in probability such



as: axioms of probabilities, law of total probability; random variables (discrete and continuous); probability distributions (binomial and Normal); correlation and regression.

LRSK142 course covers the main communication skills that are essential for developing and improving students' communications' effectiveness as well as their awareness of the importance of communication in their personal, academic, and professional life. It helps them identify and overcome the common verbal and non-verbal communication barriers which can affect them being successful communicators. The course engages students in practical activities (presentations, roleplays, interviews, written communications) which provide them with opportunities to apply effective communication strategies, assess themselves and improve their skills.

The course main objective is to improve students' knowledge of the way in which communication functions and apply effective communication skills and strategies for effective communications in different settings (social- academic-professional ; Health, Engineering, Science)).

LRSK141 Learning and Searching Skills course is about reflective learning for students' personal development, University transition challenges. time management, cooperative learning, and critical thinking, learning and personality styles, effective use of information, evaluating sources and exams preparation techniques.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			
2			

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

1	
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring



#	Level	Number of Students	From	To
	HFJ	26	2023	2024
	HFJ	120	2016	2019
	UFJ	60	2022	2023

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization
	2019	2023	Chemistry exams Member	Chemistry Department- IAU
	2018	2023	Chemistry Lab Member	Chemistry Department- IAU
	2016	2019	Member of the development of active teaching and learning process in Chemistry Courses QASD (the quality assurance internal system to enhance the application of the active learning in Chemistry Courses	Imam Abdulrahman Bin Faisal University (IAU)

Scientific Consultations



#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization
	Sept 27 th 2022	Sept 27 th 2022	Saudi National day participation presentation about Green Chemistry	College of Applied Medical Sciences – Jubail- IAU
	August 27 th 2019	August 27 th 2019	Workshop presentation to HFJ Students about Academic Excellence Steps	College of Applied Medical Sciences – Jubail- IAU

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

1	Organic and organometallic Synthesis, chromatographic techniques (HPLC, TLC) - spectroscopic and spectrometric techniques for structural analysis (NMR, IR, ESI-MS, UV-Vis, Luminescence...); Coordination Chemistry. Metal complexes, Sensors
2	Chem draw, Isis draw, kingDraw MestReNOVA, Pack Microsoft Office

Last Update

09./...09 /2023