

CV

Google Scholar: <https://scholar.google.com/citations?user=jxqQ7vAAAAAJ&hl=en>

Scopus : <https://www.scopus.com/authid/detail.uri?authorId=57191519040>

Research Gate : https://www.researchgate.net/profile/Nawal-Suleman?ev=hdr_xprf



Personal definition

Name	Nawal Mahgoub Suleman Mohammed
Date of Birth	4.1.1963
Place of Birth	Mahmiya
Gender	Female
Marital Status	Married
Nationality	Sudanese
Academic Status	Assistant Professor
Department	Chemistry
Faculty	Education
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Telephone No.	0965321772

FIELD OF WORK

Organic and analytical Chemistry

SPECIAL INTEREST

Reading –eLearning

Academic Qualifications

Degree	Institution	Country	Date
B.Sc. with honours degree Second class –Division 1	Faculty of Education –Khartoum University	Sudan	15/12/1988
M.Sc. in Chemistry	Graduate College –Khartoum University	Sudan	18/10/1995

Ph.D. in Chemistry	Ibn Alhaitham Faculty of Education – Bagdad University	Iraq	6/7/2000
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ACADEMIC APPOINTMENTS EXPERIENCE INCLUDING INDICATIONS of External Recognition

Position/Title	Institution/ country	Date
Teaching Assistant	Faculty of Education –Khartoum University-Sudan	1/10/1990- 2/7/2000
Assistant Professor	Faculty of Education –Khartoum University-Sudan	3/7/2000- 1/9/2005
Assistant Professor	Zulfi Faculty of Education –Majmmah University-Saudi Arabia	1/9/2002- 5/6/2018
Head of the Department of Chemistry	University of Riyadh for Girls College of Education in Zulfi	2008 - 2010
Assistant Professor	Faculty of Education –Khartoum University-Sudan	2/12/2018-now

SPECIALISED/ PROFESSIONAL TRAINING

Training	Institution / Country	Date
(i) Training received by the candidate		
Training of Trainers	Khartoum University Center for advance Training	30?10-3/11/2022
Electronic Test Design Skills Using Google Forms	Almayzab Digital Library /Sudan	8-9/11/2022
Class Point Work Shop	Almayzab Digital Library /Sudan	17/10/2022
Applied Digital Skills	Grow with Google/Sudan	1-6/8/2022
Professional Diploma in E-Training	Division Of the Arab Board for E- Training	25/12/2021
Basic of Scientific Research and scientific Writing (Basic Science)	Khartoum University Center for advance Training	4-10/12/2019
Academic Guidance	Khartoum University Center for advance Training	11-15/12/2019
Measurements and Evaluation	Khartoum University Center for advance Training	18-25/12/2019
Electronic calendar tools	at the National Centre for e-Learning in	18/4/2010

	Riyadh,-Saudi Arabia	
Training Course (Jawsour Education Management System)	National Center for e-Learning and Distance Education - Riyadh,-Saudi Arabia	4/6/2014
Virtual classes in elms system	National Center for e- learning in Riyadh - Saudi Arabia	10/4/2011
Designing effective presentations in e learning using the PowerPoint	National Center for e-learning in Riyadh- Saudi Arabia	10/ 4 / 2011
Development of training skills	Majmaah University Saudi Arabia	30/4-2/ 5/2011
Positive feedback in return for negative feedback - Quality and Development Agency	Zulfi Faculty of Education – Majmaah University- Saudi Arabia	14/11/2013
Chemistry applications in computer (Chems sketch)	Zulfi Faculty of Education – Majmaah University- Saudi Arabia	23/ 4/2013
Design of interactive educational units using the program (Articulate)	- Deanship of e- learning at the University of Majmaah-Saudi Arabia	24/4/2013
Description and report of courses and programs	University of Majmaah (Zulfi Branch)- Saudi Arabia	31 / 3/2012
Electronic Education System and Tools	Zulfi Faculty of Education – Majmaah University- Saudi Arabia	14 / 10/2012
Adobe Connect	Majmaah University- Saudi Arabia	16/9/2015
Use of IPAD in education professionally	Majmaah University- Saudi Arabia	17/10/2014
3D presentations using Aurora 3D	Majmaah University- Saudi Arabia	6/4/2015
Electronic content development system LCS	Majmaah University- Saudi Arabia	7/10/2015
Build and design educational content using Zenler Studio Pro Plus	Majmaah University- Saudi Arabia	19/10/2015
Interactive educational means	Majmaah University- Saudi Arabia	21/2/2016
Evaluation methods	Majmaah University- Saudi Arabia	2/11/2017
Building and measuring learning outcomes	Majmaah University- Saudi Arabia	22/11/2017

E-learning system D2L	Majmaah University- Saudi Arabia	6/9/2015
(ii) Training conducted by the candidate		
Google scholar and Research gate	Faculty of Education –University of Khartoum	19/9/2020
Preparation of some polymers from crown ethers	Majmaah University- Saudi Arabia	11.2.2012
Chemicals added to food	Majmaah University- Saudi Arabia	9.10.2012
Polymers in our daily life	Majmaah University- Saudi Arabia	2.5.2012
Chemistry pulse of life	Majmaah University- Saudi Arabia	3.12.2012
chemical research and community service	Majmaah University- Saudi Arabia	12.5.2014
Green chemistry	Majmaah University- Saudi Arabia	16.12.2014
Writing the scientific thesis	Majmaah University- Saudi Arabia	-
The role of postgraduate student in community service	Majmaah University- Saudi Arabia	-
Create a faculty member website	Majmaah University- Saudi Arabia	-
Awareness of some chemicals and detergents used in home	Majmaah University- Saudi Arabia	-
Criminal Chemistry	Majmaah University- Saudi Arabia	-
Publishing with Elsevier	Majmaah University- Saudi Arabia	26.11.2017

AWARDS

Award	Awarding Body	Country	Date
Sixth position	Dean of the Faculty of Education in Zulfi Majmaah University	Saudi Arabia	2010-2011
First position	Prize of Zulfi Faculty of Education Majmaah University	Saudi Arabia	2015
First position	Award of the Director of the University of the Quality and excellence Majmaah University	Saudi Arabia	2015
Prize of Scientific	University of Khartoum	Sudan	23.12.2019

Publishing			
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PROFESSIONAL COURSES & WORKSHOPS ATTENDED

Training Course/ Workshop	Body	Country	Date
Esik zad	Workshop	Saudi Arabia	21.2.2016
How to select the right journal for research article	Training Course	Saudi Arabia	21.5.2017
Google scholar	Training Course	Saudi Arabia	3.3.2014
How to prepare a scientific Blog	Workshop	Saudi Arabia	27.7.1437
Scientific methods for the design and discharge of questionnaires using the program spss	Workshop	Saudi Arabia	6.6 .2011
Internal auditor for occupational safety and health management system	Training Course	Saudi Arabia	28-29.6.1437
Motivation	Workshop	Saudi Arabia	3.1.1435
Mind Maps	Training Course	Saudi Arabia	6.7.1437
Tips to write a research article	Training Course	Saudi Arabia	24.5.2017
Basics of using Al Manhal Website	Training Course	Saudi Arabia	21.5.2017
Jove	Training Course	Saudi Arabia	21.5.2017
EBSCO-General	Training Course	Saudi Arabia	10.4.2017
Oxford Journals and Oxford scholarship online as you have never experienced before	Workshop	Saudi Arabia	4.5 .2015
Research to publication (the basic)	Workshop	Saudi Arabia	3.4 .2015

COURSES & WORKSHOPS ATTENDED IN EDUCATION

Training Course/ Workshop	Body	Date
Pre-Service Teacher Training Project Education Quality Improvement Program in Sudan (EQUIP)	Workshop	16-26/11/2020
Motivating students to education	Workshop	20/3/2012

Preparation and development of study programs (bachelor-graduate)	Workshop	6 / 2/2012
The art of ethics of educational dealing in the virtual society	Workshop	20/2/2013
preparing for the academic year 2010-2011	Workshop	(September 2010)
concepts and terms in total quality	Workshop	29-30 / 12/2010
Use of smart board	Training course	4 / 9/2012
Integration of technology in university teaching	Training course	6/1/2013
Using of course lab	Workshop	30 / 3/2014

Staff Training

Training	Staff Grade	Institution	Date
Google scholar and Research gate	Staff members	Faculty of Education – University of Khartoum	19/9/2020

ADMINISTRATIVE RESPONSIBILITIES

Date	Position
1/11/2022	Head of Chemistry Department Faculty of Education
1/4/2001-1/9/2002	Head of Chemistry Department Faculty of Education
17/1/2019-31-10-2022	Coordinator for science in Basic Bachelor's Program of Science and Education

SERVICE ACTIVITIES

Date	Activity
14.1.2019	Faculty Board Member- Representative of Department of Chemistry
24.9.2020	Member of the Academic Reform Committee for Program of science and education(Basic program)
26.6.2020	Member of the Training Committee- The initiative of the Faculty of Education Members

OTHER ACTIVITIES

Date	Activity
10.2.2019	Member of the Deanship of Kindergarten and Schools Council

November 2019	Member of the committee for new students admission to Bachelor of science and education (Basic program) for the years 2019-2020,2020-2021,2021-2022
February 2020	Member of Examination Committee
14-8- 2022	Student Communication and Dialogue Committee

MEMBERSHIP

i) LOCAL

Status	Association/ Society	Town//Country	Date
member	Sudanese Chemical Society	Khartoum/Sudan	1.7.2016

ii) REGIONAL

Status	Association/ Society	Town/Country	Date
member	Saudi Chemical Society	Riyadh/Saudi Arabia	25/2/2016

iii) INTERNATIONAL

Status	Association/ Society	Town/Country	Date
member	Organization for Women in Science for the Developing World (OWSD)	Italy	18/11/2013

ORGANIZATION OF SCIENTIFIC CONFERENCES, MEETINGS & SYMPOSIA

Status	Seminar/ meeting/ conference/ Public Lecture	Country	Date
Attendance	Environmental pollution and its impact on the health of the individual-Girls Faculty of Education –Riyadh	Saudi Arabia	22-23.3.2005.
Attendance	Scientific meeting (biofuels: pros and cons) - King Abdul Aziz City, Riyadh	Saudi Arabia	15.4.2012
Attendance	First International Conference of the University of Majmaah (scientific disciplines in emerging universities challenges and solutions)	Saudi Arabia	18.11.2012
Attendance	International Workshop on Advance Material for Sensors, Electronic Devices and renewable Energy, Nagra University	Saudi Arabia	14.16.5/2012
Attendance	Second Conference on E-learning and Distance Education –Riyadh	Saudi Arabia	21-24/2/2011.
Attendance	The first graduate forum (Future visions and global experiences) Princess	Saudi	19/12/2013

	University Noura bint Abdulrahman	Arabia	
Oral presentation	Fifth International Conference on Chemistry– Abha	Saudi Arabia	26-29/4/2014
Poster presentation	Forth Conference on E-learning and Distance Education –Riyadh	Saudi Arabia	2-5/3/2015
Oral presentation	Symposium of distinguished experiments at the Faculty of Science and Humanities - Houta Sudair –Majmaah University,	Saudi Arabia	6/4/2015
Oral presentation	The Forum Development and Quality: The Experiments of Saudi Universities, Shagra University	Saudi Arabia	11/12/2015
Oral presentation	Six International Conference on Chemistry– Riyadh	Saudi Arabia	8-10/11/2016
Oral presentation	Fifth Conference of the Faculty of Education, University of Khartoum	Sudan	30/1-1/2/2018
Attendance	The impact of digital transformation on developing the performance of trainers and teachers	Sudan	13/8/2022

Supervision

1) Master

Student Name	Thesis Title	University	Date
Anwaar Yousif Elhag	Co-supervisor of a Master thesis (Determination of Trace Elements in Ground Water by Two Preconcentration Methods Using Atomic Absorption Spectrometry-	Khartoum	6.11/2004

2) PhD

Student	Thesis Title	University	Date
Eiman Mubarak*	Synthesis and characterization of Environmentally Friendly Composites from Polypropylene and Some Esterified Plant's Fiber	Khartoum	2022

*(Co-supervisor)

b) RESEARCH GRANTS

Proposal Title	Granting Body/country	Amount	Date

Application of Chemical Fractionation for Monitoring Some Trace Elements in Street Dust from Hai Elsdeeg and Smnan in Zilfi Province	Majmaah University/Saudi Arabia	\$ 13000	25.1.2011
Quantative and Qualitative analysis of sand in Nefud Desert at Zilfi Province Using XRF,AAS and (LIBS) Spectroscopes	Majmaah University/Saudi Arabia	\$ 10000	31.10.2011
Spectroscopic Determination of Some Trace Elements as Pollutants in Fruit Dates Palm and Agricultural Soils at Zulfi Province	Majmaah University/Saudi Arabia	\$ 9000	23.10.2012
Monitoring and Determination of Heavy Metals as pollutants in Tomato (<i>Lycopersicon esculentum</i> L.) Grown in Greenhouse Conditions and Agricultural greenhouse Soils at Zulfi Province	Majmaah University/Saudi Arabia	\$ 9000	15.3.2014
Virtual Environment For Chemical Experiments	Majmaah University/Saudi Arabia	\$ 9000	13.3.2015

PUBLICATIONS

(A) Articles in Journals

Authors, title, journal, date, issue no, pages, Journal impact factor
1. Nawal M.Suliman , Abuelgasim Abbaker Abed Elrasoul Mohammed and El Jali El Obeid El Hasssn (2012). Preparation of some polyamides of diaminodibenzo-18-crown-6 and studying their liquid crystalline properties, J.of Ed. U.of Khartoum), 6, 4-22.
2. Nawal Mahgoub Suleman (2012).Uses of some monomers and polyamides of aminodibenzo-18-crown-6 in solid-liquid extraction of potassium permanganate, dichromate, chromate, thiocyanate and nitrate , Sudan Journal of Science (*) SJS,5(1),1-12.
3. Nawal M Suleman, Ibtihag A Mohammad, Sultanah S Almesned, Alanood A Aljaghwani(2012).Measurements of Some Trace Elements in Street Dust from Hai Elsdeeg and Smnan in Zulfi Province at Saudi Arabia Using Inductively Coupled Plasma-Mass Spectrometer. World Environment,2(6), 135-139
4. Nawal M Suleman, Ibtihag A Mohammad, Sultanah S Almesned, Alanood A Aljaghwani(2013)Some Trace Elements in Zulfi Streets Dust .American Journal of Chemistry , 3(1), 10-13

5. Nawal M. Suleman(2014) Spectroscopic Determination of Some Trace Elements as Pollutants in Fruit Dates Palm and Agricultural Soils at Zulfi Province(Saudi Arabia), Science Journal of Analytical Chemistry, 2(3),11-16
6. Amani H. Ahmed and Nawal M. Suleman (2015). Monitoring And Determination of Heavy Metals as Pollutants in Tomato Agricultural Greenhouse Soils at Zulfi Province, International Journal Scientific Research, 4, - 340-343 .
7. Mohamed Ezeldin, Abdelnabi A. Elamin, Ali M. Masaad, Nawal M. Suleman, Alsiddig O. Ahmed (2015). effect of x-ray radiation on some physicochemical characteristics of diesel fuel. American Research Thoughts, 1(12), 2862-2870
8. Moh .Ezeldin, Ali. M. Masaad, Nawal M. Suleman and Abualreish.M. J. A.(2015).Effect of Diethylamine on Physicochemical Properties of Reformat Gasoline, American Journal of Scientific Research, 106, 88-96.
9. Mohamed Ezeldin, Suleiman A. G. Nasir , Ali M. Masaad , Nawal M. Suleman,(2015). Determination of Some Heavy Metals in Raw Petroleum Wastewater Samples Before and After Passing on Australis Phragmites Plant. American Journal of Environmental Protection, 4(6): 354-357.
10. Nawal M. Suleman, I. ElAgib, (2015). Quantitative and Qualitative Analysis of Sand in Nafud Desert at Zulfi Province using (ICP-MS) Spectroscopic Technique, Journal of Engineering and Applied Sciences,2(1): 17-26.
11. Abdelnabi A. Elamin , Mohamed Ezeldin, Ali M. Masaad, Nawal M. Suleman, (2015).Effect of Magnetic Field on Some Physical Characteristics and Cetane Number of Diesel Fuel, American Journal of Applied Chemistry, 3(6): 212-216.
12. Atta G. Attaelmanan · Nawal M. Suleman · Ibrahim A. El Agib ·Hamed An Al-Sewaidan (2016). Assessing silicon deposits in Zulfi province, Saudi Arabia, using XRF and XRD techniques, X-Ray Spectrom., 45(6), 325-329.**Impact factor:1.254**
13. Sarah M. Eljack, Fayez Alfayez, Nawal M. Suleman (2020).Organic Chemistry Virtual lab, International Journal of (*) Mathematics and computer Science, **15(1), 309–323**
14. Sumia A. Nimir , Dr. Eljali Elobeid Elhassan , Nawal M. Suleman , Nada Omer Abdellah (2020). Analysis of some Heavy Metals in Soil samples collected from Elabedia Traditional Gold Mining area- Sudan. Journal of Scientific and Engineering Research, 7(3):58-64
15. Elnazeer H.M. Elageed , Abuelgasim A.A. Mohammed , Guohua Gao , Nawal M. Suleman . One-pot conversion of arylamines, DEC and ethylene oxide to oxazolidinones catalyzed by ionic liquids . Asian Journal of Green Chemistry) 5 (2021) 125-134
16. Nawal M. Suleman .The extent of trace metals pollution in fruits dates palm and associated soil of Zilfi Province, Saudi Arabia. Journal of The Faculty of Science and)Technology .JFST **2019 (6), 40-47**
17. Eiman M Eltyeb, Ibrahim M Ahmed, Aluelgasim AA Mohammed, Nawal M Suleman. Determination of protein structures, content, moisture content and lead amount in eight commercial Nile fish in Khartoum state-Sudan. Journal of Faculty of Education,16(1),233-256.
18. Eiman M. Eltyeba, Abuelgasim A. A. Mohammed and. Extraction and characterization of crude

fiber from khimp (leptadenia pyrotechnica) and date palm tree (phoenix dactyliferal.) and screening their phytochemicals. **HNSJ,2(9),556,2021.**

19. Abuelgasim A.A. Mohammed. Elnazeer H. M. Elageed, and Nawal M. Suleman. Reaction of Benzyl Phenacyl Sulphide with Ethanolic Sodium Hydroxide. Journal (*) Faculty of Education. 17(2), 246-280, 2021

(B) Articles in conference proceedings

Authors, title, conference, date, issue no, pages, place

(*) Nawal M. Suleman (2019). Analysis of sand in Nafud desert province, Saudi Arabia . The Fifth International Scientific Conference “Advances in Synthesis and Complexing 22 - 26 Apr 2019. ББК 24.2 Y78,50. Moscow, Russia (book of abstracts)

(*) Suleman N. M., Eltyeb, M.E. and. Mohammed A.A. A Extraction and Characterization of crude fiber from Khimp (leptadenia pyrotechnica) and Date palm tree (Phoenix dactylifera L.) and Screening their phytochemicals . The Sixth International Scientific Conference “Advances in Synthesis and Complexing”. Moscow, Russia, 26-30 September 2022 . http://conferencerudn.com/wp-content/uploads/2022/09/book-of-abstracts_2.0.pdf (book of abstracts)

Forthcoming publication

Authors, title, journal, date, issue no, pages, Journal impact factor

1. Nawal M. Suleman .Preparations of some Models and Polyschiff-bases of Dibenzo-18-crown-6, two Polyamides of Diaza-18-crown- and Studying their Liquid Crystalline Properties (Acceptable for publication in Sudan Journal Basic Sciences)

2. Eiman M. Eltyeb, Abuelgasim A. A. Mohammed and Nawal M. Suleman Polypropylene and some Esterified Plants' Fibers Bio-based Composites,

3. Mona Alhasien Abdlgader Ahmed , Abuelgasim A. A. Mohammed , Nawal M. Suleman , and Khogali Elnur Ahmed Ishag Bioactive compounds, Phytochemicals and Antioxidant Activities in Extracts and Fractions of Adansonia Digitata L.pulp

4. Elnazeer H.M. Elageed , Abuelgasim A.A. Mohammed , and , Nawal M. Suleman . Green Synthesis of Oxazolidinones from the Reaction of β -aminoalcohols with Diethyl carbonate Catalyzed by Ionic liquids

Referee of Textbooks OR Journals

Journal/ Textbook

Date

Kingdom of Saudi Arabia ,KING khalid UNIVERSITY Deanship of Scientific Research (Research Center): Synthesis, characterization, and anticancer evaluation of sulfonamide schiff's bases and some of their metal complexes	3/4/2012
Science Journal of Education	25/10/2014
Science Journal of Chemistry	11/11/2014
Science Journal of Chemistry	21/2/2015
Science Journal of Education	22/8/2015
Science Journal of Chemistry	21/10/2015
Environmental Monitoring and Assessment	17/1/2017
Science Journal of Education	23/2/2017
Environmental Monitoring and Assessment	17/7/2017
Journal of Environmental Protection	23/5/2019
Academic Research Journal of Agricultural Science and Research	21/7/2020
Asian Journal of Green Chemistry	14/5/2021
Saudi Journal of Biological Sciences	1/6/2021
Iranian Journal of Chemical Engineering (IJChE)	23/9/2022
Journal of Medicinal and Chemical Sciences	25/9/2022