

Curriculum Vitae

Personal Data

Name:	<i>Sarra Abdalla Ahmed TALAB</i>
Date and Place of Birth:	9/9/1976 (Kosti – SUDAN)
Nationality:	Sudanese
Sex:	Female
Marital status	Married with three children
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Languages:	Arabic & English

Higher Education:

1999	B.Sc. (Hons.) Second class, division one; in Chemistry	Department of Chemistry <i>University of Khartoum</i>	Khartoum, Sudan.
2002	M.Sc. in Chemistry	Department of Chemistry, <i>University of Khartoum</i>	Khartoum, Sudan.
2009	PhD, in chemistry	University of Juba	Sudan

Employment:

2000- 2002	Teaching Assistant , Department of Chemistry, University of Juba
2002- 2009	Lecturer at the Department of Chemistry, University of Juba.
2005- 2009	PhD candidate (University of Juba)
2007- 2008	Guest PhD candidate at the University of Leiden, The Netherlands
2008- 2009	Analyst at Gorlaeu Laboratories, Leiden Institute of Chemistry University of Leiden, The Netherlands.
2009- 2010	Assistant Professor , Department of Chemistry, University of Juba
2010- to present	Assistant Professor , Department of Chemistry, University of Bahri
2013- 2015	Head of Chemistry and Industrial Chemistry department
2015- to present	Assistant Professor , Department of Chemistry, Imam Muhammad Ibn Saud Islamic University

Professional experience:

TEACHING:

- 1999-2002 Part time teaching assistant, Department of Chemistry, University of Khartoum: Supervising and teaching practical classes in Chemistry, including Organic and Physical Chemistry.
- 2010- 2011 Part time Assistant Professor, Department of Chemistry, Faculty of Pharmacy, Ribat National University (Sudan)
- 2014- 2015 Part time Assistant Professor, Department of Chemistry, Faculty of Science: Teaching natural product to student of higher diploma in chemistry, Africa World University, Sudan.

ACADEMIC ACTIVITIES

- Member of academic Committee for revising the Curriculum of Department of Chemistry and Industrial Chemistry, College of Applied and Industrial Sciences (B.Sc.+ Diploma), University of Bahri, **2013**.
- Member of Academic committee for preparing of curriculum and syllabus for Chemistry, College of Education- University of Bahri- Sudan, **2013**.
- Member of Academic committee for preparing of curriculum and syllabus for Chemistry, College of Geology and Petrochemicals- University of Bahri- Sudan, **2014**.
- Laboratory Coordinator, chemistry department, Faculty of science, Imam Muhammad Ibn Saud **2016-2017**.
- Coordinator of Organic department, Faculty of science, Imam Muhammad Ibn Saud **2018**-up to now.

AREAS OF SPECIALIZATION

1. General Chemistry.
2. Organic chemistry.
3. Synthesis of Organic Compounds.
4. Natural products

TEACHING EXPERIENCE

1. Organic Chemistry.
2. Natural products type.
3. General chemistry I
4. General Chemistry II

5. Bioinorganic chemistry.
6. Synthetic strategy.
7. Chemical analysis.
8. Organic reaction type
9. Organic molecular type
10. Polymer Chemistry and Petrochemicals
11. Synthesis of organic compounds
12. Software in Chemistry
13. Organic Chemistry I
14. Organic Chemistry II
15. Carbohydrates and Natural products

Supervision:

Supervised the following graduation projects in partial fulfillment for the degree of B. Sc. (Honours in Industrial Chemistry):

- ***Candidates:*** Abdel-Rhim Sayed Hassan, Faisal Ali Yermndi And Peter Topuro Nigo, *Purification of cholesterol by organic methods (2003).*
- ***Candidates:*** Mohammed Awad El-Sheikh Idris, Osman Hassan Mansour and Elamin Yousif Elsadig, *Diazonium Salts in Synthesis (2003).*
- ***Candidate:*** Yoanis kimo Ajang Awate, *Isolation of caffeine from coca cola soft drink (2005).*
- ***Candidates:*** Hassen Ali and Marwa Mohd, *Synthesis of Methyl Orange (2009).*
- ***Candidates:*** Josphef Stephen, Altahir Mohd, Omer Abdalwhab, Tarig Fathi, Murtda Mohd. *Analytical application of lactanic hydroxamic acid with some metal ions [(Cu+2, Fe+3)] (2010).*
- ***Candidates:*** Osman Ahmed and Aida Hamed, *Synthesis of Hydroxamic acid and analytical application (2011).*
- ***Candidates:*** Raya Alyabis & Hadell Altrur: *Isolation of clove oil from cloves by steam distillation and characterization of the product using simple chemical reactions (2016).*
- ***Candidates:*** Monia Bana & Sally Almadi: *UV spectroscopy of caffeine in soft and energy drinks consume in Saudi Arabia (2016).*
- ***Candidates:*** Khawla Alhmazani & Hessa Alrasheed: *Extraction and characterization of sesame oil (2017).*
- ***Candidates:*** Rwabi Almalki & Nora Hduan: *Synthesis and characterization of some dyes*

(2017).

- **Candidates:** *Abrar Hussein, Tahani Alazani and Aseel Al-khalaf: Extraction and characterization of castor oil extracted from beans (2018).*
- **Candidates:** *Mayes Amir & Noura Alshhri: Extraction and characterization of clove oil from cloves (2019).*
- **Candidates:** *Alanod Shaheen & Reem Alatibi, Synthesis and characterization of methyl orange (2019)*
- **Candidates:** *Rawan Almatiri & Lamy Helali, Synthesis and characterization of 4-methyl-4'-hydroxyl azo-benzene (2019)*

Main Research Activities:

- Investigating Analytical Applications of Propionic Hydroxamic Acid and some of its derivative for determination of some metals. The study was conducted in the University of Khartoum, Department of Chemistry, where it was supervised by Dr. Taj Elsir Abas (Department of Chemistry, University of Khartoum).
- Synthesis of stable isotopes Amino Acids (Histidine), usage of enriched carbon 13 compound spectroscopy technique and IR spectrometer under supervision of Prof. John Lugtenburg-group of Bio Organic synthesis.

Publications

1. K. Taha, M. Mohamed, S. Khalil, **S.A. Talab**, Inhibition of Brass Corrosion in Acid Medium Using Thiazoles, *J. International Letters of Chemistry, Physics and Astronomy*, 9 (2) **2013**, 87-102.
2. **Sarra Talab**, K. Taha, and J. Lugtenburg, Preparation of 2'-13C-L-Histidine starting from 13C thiocyanate, *Molecules* **2014**, 19, 1023-1033.
3. **Sarra Talab**, Analysis of caffeine in soft drinks consume in Saudi Arabia by UV-spectroscopy, *Indian Journal Of Applied Research*, 7 (12) **2017**, 645-646.
4. **Sarra Talab**, A Novel Synthesis of Isotopically Labelled L-Histidine, ISBN 978-613-9-98478-7, **2018**, LAMBERT Academic Publishing.
5. **Sarra Talab**, Extraction and characterization of black seeds oil (nigella sativa linn), *Indian Journal Of Applied Research* 9 (1) **2019**, 456-457
6. **Sarra Talab**, Physiochemical Parameters of Extracted Castor Oil in Saudi Arabia, *Journal Of Advance Pharmacy Research*, **2019**, 3 (2) 1-3.
7. **Sarra Talab**, Extraction and Determination of Caffeine Concentrations in Coffee, Tea and Chocolate Milk Available in Saudi Markets, *Asian Journal of Chemical Sciences*, 6 (1) 1-5, **2019**.

Conferences and Meetings

- Design and Synthesis structure and Reactivity Bimolecular Chemistry. **Lunteren (The Netherlands). October- 2007**
- The Annul Meeting of the Organic Chemistry Society. **The Free University, Amsterdam, The Netherlands May- 2007.**
- A novel synthesis of isotopically labelled l-histidine. **International conference of chemistry (ICOS-18) Bergen Aug- 2010.**

Referees:

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