

CURRICULUM VITEA



❖ Personal Information:

- BOUBAKER MIFTAH MOHAMMED ALI HOSOUNA
- Date of birth: Oct, 25/02/1984
- Place of birth: Sebha, Libya
- Sex: Male
- Marital status: Married
- Nationality: Libyan

❖ Contact Information:

- Postal Address: C015, Chemistry Department, Faculty of Science, Sebha University, Sebha City, Libya.
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- E-mail: chemistry_physical@yahoo.com, quantum_chemistry77@yahoo.com

❖ Objectives:

- I am willing to give total support the organization that I am in, with the experience and capability that I have, in order to achieve organization's goals and create mutual benefits.

❖ Languages:

1. Arabic (excellent).
2. English (fluent).
3. Malay (basic).

❖ Computer Skill and Courses:

1. Introduction to Computer Science (Sebha University), Libya.
2. Ms Word, excel, and PowerPoint, (Sebha University), Libya.
3. Advanced Ms Word, excel, and PowerPoint (Universiti Sains Malaysia), Malaysia.
4. Computational chemistry software's (Gaussian 03, 09 – Hyperchem 08 – Autodock 04 – Gromacse simulation – Chemmaths - Chem 4-D Demo - Quantum Atomica - ChemLab v2.5 - Mercury 2.4 – ArgusLab - ChemSketch software).
5. Install & Remove windows 7 & Linux systems.

❖ Chemical Instrumentation Skill and Courses:

1. PH meter, Turbidity meter, Conductivity meter, Viscosity instrument, all these instrumentation under Dr. Mohamed Mosbah in, m64mousbah@yahoo.com, 2003-2004.
2. Mass Spectrometry under Dr. Abdulsalam salhin, Email: salam_salhin@yahoo.com .2010-2011.
3. IR, UV/Vis, TGA, DTA, DMA, TMA and DSC under Prof. TEOH, Email : sgteoh@usm.my, 2010-2011.

4. Atomic force microscopy (AFM), Scanning Tunnelling Microscope (STM), Scanning Electron Microscopes (SEM), Transmission Electron Microscopy (TEM), under Prof. Mohd. Jain Noordin Mohd. Kassim, Email : mjain@usm.my, 2010-2011.
5. HPLC, GC, IC and CE, under Prof. Bahrudin Saad, Email: bahrud@usm.my, 2011-2012.

❖ **Education:**

1. Secondary School Certificate, Sebha/Libya with General Grade (GOOD) and the Rate of (B=3.00), 2001/2002.
2. Degree of B.Sc: Chemistry Department, Faculty of Science/ Sebha University, Sebha/ Libya, with General Grade (Very Good) and the Rate of (B+ = 3.33), 2005/2006.
3. Degree of M.Sc: chemical instrumentation, chemical school, University Science Malaysia, Pulau Pinang, Malaysia, with General Grade (Good) and the Rate of (B- = 2.72), 2014.

❖ **Workshops:**

1. ANOVA & MANOVA WORKSHOP in IPS Room (in 01 October 2010).
2. DATA ANALYSIS WORKSHOP in school of social sciences (in 05 October 2010).
3. NVIVO WORKSHOP in school of social sciences (in 22 October 2010).
4. ACADEMIC PUBLICATION WORKSHOP in IPS Room (in 01 July 2010).
5. LOG LINEAR MODELING WORKSHOP in IPS Room (in 09 February 2012).
6. MOLECULAR MODELLING WORKSHOP SERIES in School Of Pharmaceutical Science (in 15-16 June 2013).

❖ **Professional experience:**

1. Computational chemistry software's (Gaussian 03,09 – Hyperchem 08 – Autodock 04 – Gromacse simulation – Chemmaths - Quantum Atomica - ChemLab v2.5 - Mercury 2.4 – ArgusLab - ChemSketch software - LogPlot 7 - Notepad++ - Chemcraft - DNA Baser - Atoms, Bonding & Structure - Chem3D Pro 13.0 – Avogadro software).
2. Molecular Modelling.
3. Molecular Docking.
4. Molecular Mechanics.

❖ **Graduate Assistant:**

Sebha University, Faculty of Science, Department of chemistry as a fellowship holder (two years) 2007/2009.

❖ **Research Assistant:**

University Science Malaysia (One year) 2012/2013.

❖ **Awards:**

1. Ranking third in the Faculty of Sciences of Sebha University in 2006.

❖ **Publications:**

- **BOUBAKER MIFTAH MOHAMMED ALI HOSOUNA, ROHANA ADNAN,** (2013). Molecular Modelling of Inclusion Complexes: Theoretical, Experimental Investigation, and Application. LAP LAMBERT Academic Publishing, Germany, ISBN-10: 3846501409, ISBN-13: 978-3846501405.
- **Boubaker Hosouna^a, Ashraf Ahmed Ali Abdusalam^{b*}, Hassan Y. Aboul-Enein^{c*}, and Hebatallah A. Wagdy^d** (2017). Molecular Docking and Semi-Empirical Quantum Studies on Cholesterol with Cyclodextrins. *Current Nutrition & Food Science journal*, 2017, 13, 1-7.

❖ **Conferences:**

1. **BOUBAKER MIFTAH MOHAMMED ALI HOSOUNA, ROHANA ADNAN,** Theoretical and Experimental studies of inclusion complex of methyl red with cyclodextrins, 4th Penang International Conference for Young Chemists, 30th January – 1st February 2013. University Science Malaysia, Penang, Malaysia, icychemist@gmail.com.
2. **BOUBAKER MIFTAH MOHAMMED ALI HOSOUNA, ROHANA ADNAN,** ICMCC MARCH 28-29, 2013: International Conference on Mathematical and Computational Chemistry, WORLD ACADEMY OF SCIENCE, ENGINEERING AND TECHNOLOGY, ES INTERNATIONAL CONGRESS PROGRAMME NH, Eurobuilding Padre Damián 23, 28036 Madrid, Spain, e-mail: info@waset.org.
3. **BOUBAKER MIFTAH MOHAMMED ALI HOSOUNA, ROHANA ADNAN,** UV-vis spectroscopy and semiempirical quantum chemical studies on the inclusion complex of methyl red with cyclodextrins, 3rd Annual Basic Science International Conference, 16th April – 17th 2013. Universitas Brawijaya, Jl. Veteran 2, Malang 65145, Indonesia, e-mail: tourbasic2013@gmail.com.
4. **BOUBAKER MIFTAH MOHAMMED ALI HOSOUNA, ROHANA ADNAN,** Docking and Semi empirical calculation studies on the inclusion complexes, 2nd International Postgraduate Conference on Pharmaceutical Sciences, September 2nd – 7th 2013. Universiti Teknologi MARA (UiTM) and Postgraduate Society, Faculty of Pharmacy, e-mail: khairunnisarazali@gmail.com.

❖ **Departmental Duties & Activities:**

- **Departmental Duties**

1. Department of the Office of Study and Examinations Department of Chemistry (1-1-2015 to 1-12-2015).
2. The administration of the college registrar (1-3-2016 until today 1-4-2017).

- **Activities**

1. Presentation on computational chemistry and its research importance. in (15-4-2015).
2. Presentation on advanced of computational chemistry in (15-4-2016).
3. Workshop on how to use computational chemistry softwares in research (G03 and Autodoc07) in (27-01-2016).
4. Workshop of the statistical study on the correlation of coefficient of research data (1-12-2016)

❖ **Membership:**

- a. American Nuclear Society, Membership Number: 1372914566.
- b. American Chemistry Society, Membership Number: 30645491.
- c. Institution of Chemical Engineers, Membership Number: 99968197.
- d. Royal Society of Chemistry, Membership Number: 519507.

❖ **Interests:**

1. Computational Chemistry.
2. Polymer Science.
3. Molecular Modelling.
4. Molecular Docking.
5. Molecular Mechanics.
6. Molecular Dynamics.
7. Molecular Simulation.

❖ **Hobbies:** Reading, soccer, table tennis.

❖ **Sociability:** Sociable

Yours faithfully,

BOUBAKER MIFTAH MOHAMMED ALI HOSOUNA.

