

# Biography

## Personal information :

**Name:** Mishael Abdulaziz Akel Al-khaldi

**Date of Birth:** 1379 h

**Place of Birth :** Saudi Arabia (Algateef)

**Nationality:** Saudi

**Marital Status:** Married

**Address:** Chemistry Dept., College of science , Dammam

University, Dammam university

**Email :** [mialkhaldi@uod.edu.sa](mailto:mialkhaldi@uod.edu.sa)

## Education :

1. B. Sc. In chemistry, College of Science, Dammam (1-9-1403h).
2. M. Sc. In Physical Chemistry, College of Science, Dammam (9-9-1409h).
3. Ph. D. in Physical Chemistry, College of Science, Dammam (22-6-1417h).

## Honors and awards :

### Awards for Scientific Publication from Dammam university

(Viscosity Arrhenius activation energy and derived partial molar properties in methanol + N,N-dimethylacetamide binary mixtures the temperatures from 298.15 K to 318.15 K.

H. Salhi, M. Dallel, Z. Trabelsi, N.O. Alzamel, M.A. Alkhaldi, N. Ouerfelli

Physics and Chemistry of Liquids 12/2014; 53(1):117-137. )·

## **Research interests :**

Corrosion and inhibition of metals – Solutions .

## **Teaching Experience :**

### **for B. SC. students**

- 1. Teaching Physical Chemistry 1 .**
- 2. Teaching Quantum Chemistry .**
- 3. Teaching Electrochemistry course.**
- 4. Teaching Chemical Kinetics course.**
- 5. As a supervisor of Lab Practical courses.**

### **for M.Sc students**

- 1. Teaching Advanced Physical Chemistry .**
- 2. Teaching Advanced Quantum Chemistry .**

## **♣ Academic or administrative experience :**

- Head of the Chemistry Department ( 1421-1425 h )
- A member of the College Board. .( 1421-1425 h )
- A member of the Board of postgraduate education .( 1430-1432 h ) .
- A member of the commission responsible for the purchase of books in cairo .( 2013 ) .
- The Chairperson of the Commission on Graduate Studies, Department of Chemistry
- Associate Professor in physical Chemistry ,College of Science, University of Dammam.

### **Memberships academic or professional associations :**

- A member of American Chemical Society (ACS)
- A member of Saudi Chemical Society (SCS)

### **Skills:**

- **Teaching.**
- **Research.**
- **Team work** - Enjoys sharing knowledge and encouraging development of others to achieve specific team goals.

### **Training:**

- 1- Workshop on "Teaching for creativity and innovation -18 / 11 /2014
- 2- A Workshop in "Inject your Class Room with Google" 2013
- 3- Workshop in : Mechanism to use the following websites –  
Researchgate.net      Scholar.google 21/10/2014
- 4- Attend Twenty –ninth meeting of the Saudi Association for life science ,Environment and Development in the Gulf Region -27/ 2 / 2014
- 5- Participation of one paper in the Conference titled (Fifth Saudi Conference )at the University of Am Alqora16-18/4 2012
- 6- Attend the International Exhibition and Conference on Higher Education in Riyadh on 2014 .
- 7- Attend the first cultural forum – faculty of art Dammam university-english department -2006
- 8- Attend a Nano conference at king Fahd University of Petroleum and Minerals in 2011
- 9- Attend the Arabic conference about the economic effects in Nano technology    King Fahd University 27-29/3/2010
- 10- Attend the First Saudi conference of Sciences - King Fahd University,16/1/2001

- 11- Interviewing Skills, selection and appointment and from the center of (Alyom's Newspaper) training and development on 31 / April 2013 AD
- 12- Attend fourth Saudi science conference (contribution of science faculties in the development process of KSA) Teaba university , March 21-24/3/2010.
- 13- Workshop entitled : Searching Mechanism in international libraries ,journals and scientific service centers in scientific researcher website 28-29/12/2009
- 14- - Attend a workshop titled (electronic content design ) 17-21 /11/2012
- 15- Attend a workshop Excellence in Education University of Dammam 08/02/2012
- 16- Participation of one paper in the Conference titeled ( The 2nd International Laboratory Technology Conference And Exhibition )in Qater ٨~١٢ / ١٠ / ٢٠١١
- 17- Participation of two papers in the Conference titeled (International Conference on Chemistry and Industry )in Riyadh---٢٠٠٤/١٢/١~١١/٢٧

#### **Community service :**

Post within the jury in Olympics National Science Innovation Foundation of King Abdul aziz. (talent) 2009

#### **Scientific Publishing arbitrator :**

1- A .A .Taha , M. A . AL –Khaldi , 'Thermodynamice and the acidity function  $H_-$  of 4-chloro 2-,6-dinitrophenol indicator in water -2-ethoxyethanol mixture at 25 C<sup>o</sup>, U . Scientist Phyl . Sciences , 6 , 1(1994)64-72 .

- 2- K .M.M Salem , M .A .EL- Khaldil, ' Aggregation of dyestuff in aqueous solution ' ,El –Minia Science Bulletin ,10,1(1997) 33-44.
- 3- K .M.M Salem and M .A .EL- Khaldi , ' Activation parameters of some reactive dyes ' , Journal of the Faculty of Education 21(1996) 329-340 .
- 4-M.A.Al-Khaldi,' Some spectral studies on aqueous solution of basic dyes in the presence of simple electrolytes ' , J.Saudi Chem.Soc.,4,2 (2000)237-250.
- 5- M.A.Al-Khaldi, 'Effect of solvent on the state of aggregation of some Basic dyes ' , J.Saudi Chem.Soc., 4,3 (2000)259-264.
- 6-M.A.Al-Khaldi, E.A.Moussa and N.A.Al-Omair, ' spectrophotometric and kinetic studies of some basic dyes', Al-Azhar Bull.Sci.,11, 1 (2000) 219-230.
- 7-E.A.Moussa,M.A.Al-khaldi and N.A.Al-Omair,' Behavior of some basic dyes in different solvent ' , Al-Azhar Bull.Sci.,10,2 (1999)611 - 624.
- 8- M. A. Al-Khaldi,'The dissociation constant of p- nitroanilinium ion in water-sulfolane solvent at 25 C<sup>o</sup> ' , JKAU .Sci.,15 (2003)129-137.

9-A.A.Taha, M. A. Al-Khaldi, ' Study of the dissociation constants of some weak indicator bases in ethyl cellosolve - water solvent mixtures ', JKAU. Sci., 20 ,1(2008)111-122.

10-H.M.Badawi,M.A.Al-Khaldi,S.S.Al-Abbad,Z.H.A.Al-Sunaidi, Conformational properties and vibrational analysis of monomeric monomeric pentafluoropropionic acid  $\text{CF}_3\text{CF}_2\text{COOH}$  and pentafluoropropionamide  $\text{CF}_3\text{CF}_2\text{CONH}_2$ . . Canadian Journal of Analytical Sciences and Spectroscopy 03/2007; 52(5):252-269.

11-H.M.Badawi,M.A.Al-Khaldi,S.S.Al-Abbad,Z.H.A.Al-Sunaidi 'Rotational barriers in monomeric  $\text{CH}_2=\text{CX}-\text{COOH}$  and  $\text{CH}_2=\text{CX}-\text{CONH}_2$  (X is H or  $\text{CH}_3$ ) and vibrational analysis of methacrylic acid and methacrylamide' , Spectrochimica .Acta part A 68 (2007)432-442.

12-H.M.Badawi,A.A.Al-Saadi,M.A.Al-Khaldi,S.S.Al-Abbad,Z.H.A.Al-Sunaidi,'Potential energy scans and vibrational assignment of cyclopropanecarboxylic acid and cyclopropanecarboxamide', spectrochimica Acta part A.71(2008)1540-1546.

13-M.A.Morsy,M.A.Al-Khaldi,and A.Suwaiyan, 'Normal vibrational modes and assignment of Benzimidazole by ab initio and density functional calculations and plolarized infrared and Raman spectroscopy ' , j. Phys.Chem . A106(2002)9196-9203.

14- A.G.Gad Allah, M.A.Al-Khalidi and R.K.Al-Bilali, ' Environmental factors affecting corrosion of Sabic mild steel in acid chloride solutions', J.Saudi Chem.Soc.,11 ,1(2007)147-162.

15- A.G.Gad Allah, M.A.Al-Khalidi and J.M.Al-Ghamdi, ' Currentless behavior of Aluminum alloys containing different Vanadium percent as minor alloying element in sulphuric acid solution', J.Saudi Chem.Soc.,10 ,1(2006) 41-56.

16- M. A. Al-Khalidi, K. Y. Al-qahatani , Corrosion inhibition of steel by Coriander extracts in hydrochloric acid solution , J. Mater. Environ. Sci., (2012)

17- Ayman M. Zaky and M. A. Al-Khalidi “ Electrochemical Behavior of Cu-Ag Alloys in Perchlorate Solutions Using Cyclic Voltammetric and Current Transients Techniques” Universal Journal of Chemistry, 1,6-11 (2013).

18- Article: Inhibition of steel Corrosion in (0.5M) hydrochloric acid solution using the aqueous extract of garden rocket (Eruca Sativa).  
Mishael Alkhaldi, K.Y. Al-qahatani, A.A. Al-arfaj, N.A.A. Alomair  
The SciTech Journal of Science & Technology. 07/2014; 3(1):13-22.

19- Article: A36. Viscosity Arrhenius activation energy and derived partial molar properties in methanol + N,N-dimethylacetamide binary mixtures the temperatures from 298.15 K to 318.15 K.

H. Salhi, M. Dallel, Z. Trabelsi, N.O. Alzamel, M.A. Alkhaldi, N. Ouerfelli

[\[Show abstract\]](#)

Physics and Chemistry of Liquids 12/2014; 53(1):117-137. · 0.52 Impact Factor

**languages :**

- Arabic

English ( reading and writing)