

C.V



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Research centers and databases
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Nationality: Jordanian
Place of Birth: AMMAN
Date of Birth: Oct. 27th, 1962
Marital Status: Married With five energetic Kids
Subject: Chemistry- Physical Chemistry Ph.D
Languages: Arabic and English

I am assistant Professor of chemistry, a graduate of the University of Science and Technology(SUSTU), brings with me a wealth of academic experience and policy research and formulation having served as chemistry Adviser to j.u.s.t university at Jordan, and Palestine university, Human Resources manager, The Mentions & Director: Amman branch University of Palestine

- Part One : Education& Qualifications
- Part Tow : Academic& Professional Experience
- Part Three : Training .Seminars and Workshops
- Part Four : research and Studies publications& Books
- Part Five : Certificates of appreciation and excellence
- Part Six : Internal and external Fairs
- Part even : Membership in organizations and associations and committees

Education& Qualifications

Ph.D. In chemistry (physical chemistry, colloids,) University of Science and Technology(SUSTU) 2003.

Ph.D. Dissertation Title” Electrochemical Effects on optical properties of colloidal silver particles Adsorbed on transparent Electrodes

M.SC. In physical chemistry, Kanpur University - India 1987.

Bachelor Degree (B.Sc.) In chemistry, United Arab Emirates University 1985.

High School – Scientific Stream, Albaqa Secondary School 1981.

Academic & Professional Experience:

1st Janury 2011

Al-Imam Muhammad bin Saud Islamic University

Kingdom of Saudi Arabia

Research centers and databases up to date

1st Sept 2005 – 1st Aug 2010:

- Assistant Professor in Chemistry (University of Palestine)
chemistry & physical chemistry

-The Mentions of& Director: University of Palestine- Jordan branch

-Human Resources manager University of Palestine.

1st Sept 2005 – 1st Aug 2010:

Assistant Professor in Chemistry - University of Palestine

16th Nov 1993-- 1st Sept 2005

(Lecturer) in Chemistry -Jordan University of Science and
Technology.

26th Dec 1991- 16th Nov 1993

Part time lecture in Chemistry -Jordan University of Science and
Technology.

26th Dec 1990 – 22th Sept 1991

Teacher in the Ministry of Education for the secondary and middle
class

17th Sept 1989 – 28th Jan 1991

Lecture in Chemistry& science - in Petra College (middle college)

17th Sept 1987 – 17th Sept 1989

Teacher& Lecture in science Al-Shareef Naser Bin Jameel for
Militarily Communication College

B.Sc Level:

- Chem. 101 & 102: Freshman level, General Chemistry-I&II
- Chem. 103: Freshman level, General Chemistry for Medical students
- Chem. 105, 106& 107: Freshman level, general Chemistry labs
- Chem. Organic Chemistry
- Chem. Biochemistry
- Chem. Industrial Inorganic Chemistry
- Chem. Inorganic Chemistry
- Chem. Lab 266: Biochemistry
- Chem. Photochemistry
- Chem. Thermodynamics
- Chem. 247: Sophomore level, Physical Chemistry-I (Thermodynamics and Chemical Equilibrium)
- Chem. 248 & 243: Sophomore level, Physical Chemistry Labs-I
- Chem. 347: Senior level, Physical Chemistry-II (Chemical Kinetics and Electrochemistry)
- Chem. 348: Senior level, Physical Chemistry Lab-II
- Chem. 302: Junior level, Computer Applications in Chemistry
- Chem. 442: Senior level, Applied Electrochemistry

- Chem. 447: Senior level, Physical Chemistry-III (Quantum, molecular spectroscopy and surface chemistry&Colloids)
- Chem. 492: Junior level, Laboratory Project
- Chem. 791: Graduate Course, Literature Survey & Seminar

Diploma/ level :

- Pharmacological physical Chemistry
- Organic Chemistry
- Biochemistry
- General Physics
- Relative and Modern Physics

High school and middle school

- Chemistry , physics , general science. Biology

Training .Seminars and Workshops

- E-learning system Modeling
- Training in industry field : Different training periods 2005/2008
- Training course at the National Center for measuring the performance of public devices on 11 Sha'ban 1438 (for three days)
- The Fifteenth Forum of Training Officials in the Public and Private Sectors, entitled "The Future of Training under the National Transition 2020", Imam Muhammad Bin Saud Islamic University (14-17 / 4 / 1437H)
- A training course entitled (reading scientific publication data and analysis of indicators) - Deanship of Scientific Research, Imam Muhammad bin Saud Islamic University (7-8 / 10/2013)
- Advanced training course entitled (Computer applications in the field of editing and review scientific papers) - Deanship of Scientific Research, Imam Muhammad bin Saud Islamic University (8-9 May 2015)
- A training course entitled (Use of Format-4MAT system in university teaching Deanship of university development for the period from 17/6/1436 to 19/6/1436 H.
- Professional Project Management Course - Principles and Principles - Prince Nayef Institute for Research and Consulting Services at Imam Muhammad Bin Saud Islamic University
- A training course entitled "Computer Applications in the Field of Editing and Review of Scientific Papers", Deanship of Scientific Research, Imam Muhammad Bin Saud Islamic University (9-10 / 7 / 1434H).
- Advanced training course entitled (requirements for the preparation of scientific papers for publication in distinguished journals) - Deanship of Scientific Research, Imam Muhammad bin Saud Islamic University (25-26 / 6/1434 e
- A workshop entitled "Utilizing modern technologies to serve scientific and legitimate applications" - Center for Computer Applications in Shari'a and Arabic Sciences
- Activities of the Collective Partnership Forum in the field of scientific research at the Islamic University of Imam Muhammad bin Saud entitled "Scientific Integrity" (16-17 / Rajab 1436H)
- Activities of the symposium of research chairs in Saudi Arabia - Imam Muhammad bin Saud Islamic University for the period 24-26 Jumada I 1433 AH
- The Workshop on the E-learning system Modeling of the Gaza Strip, and Jordan.
- The Workshop of Development of teacher training in e-learning (e.g. University of Palestine)
- The e-learning - about the prospect of wider Alhasad educational schools 2006 .
- The Workshop of Electronic systems and tools support for training (eg University of Palestine) 2007.
- The Workshop of The role of universities and research institutions in activating research and development activities2007.
- Three- week Intensive UPINAR & e-Learning Course2005.
- Training course in industrial chemistry laboratories in the Royal Scientific Society
- The Conference of "Legal and Financial Organizing of Human Resources Management, Amman, Jordan, 2007.
- The second Scientific Conference "Virtual and Distance Education- Updating Open systems of University Education in the Arab World", Jordan, 2005.
- The Workshop of "Strategic Planning in Higher Education Institutions, Ministry of Higher Education and Scientific Research Amman, Jordan, 2007 .
- Internal evaluation programs, Faculty of Science - Chemistry - Science and Technology

- Member of evaluation committees and the elements of quality standards for scientific programs - Science and Technology
- Member of Commission the final report of the results of the evaluation process and compare it with the official norms and standards
- Strategic planning and the quality of the education system through which the formulation of future development of higher education institutions
- Follow-up to the overall appropriation and the appropriation of the disciplines with the University of Palestine and the Palestinian Ministry of Higher Education

Research Studies and publications& Books

- The Effect of Applied Potential on Plasmon Resonance Bands of Nanoscopic Silver Particles Adsorbed on Transparent Electrodes Jordan Journal of Chemistry Vol. 3 No.1, 2008, pp. Galley Proof. Nathir A. F. Al-Rawashdeha, **Abbas I. Al-Akhras**, Mohammed Abbo, M.mobarak
- "Simulation of Immune System via Delivery of Liposome Incorporated Killed Vaccines.
- Studies of Electrochemical of symmetrical Mono,Di, ,Tri, phospho", Hassan nomri, **Abbas I. Al-Akhras**, *Research & Reviews in ElectroChemistry* **2010**, 2(3), 16-25.
- **Abbas I. Al-Akhras**, J. Chem. Physical Crystallogr., 2006, 15 (8) 422-501
- "Inhibition of acidic Corrosion of Pure copper by solutions of Organic Compounds", **Abbas I. Al-Akhras**, Hassan nomri, *Corrosion Science*, **2009**, 35(1)
- Hassan nomri, **Abbas I. Al-Akhras**, imad Al-hamad, Jamal N. fadi and Mohammed I. Turki, physical Polyethylene , 2007, 29 (3), 119-115

(BOOKS:)

& EXPERIMENTS IN GENERAL CHEMISTRY PART (1) PALSTIN UNIVERSITY
TO Students of the Faculty of Dentistry and the Faculty of Engineering 2008/2009

& GENERAL CHEMISTRY- PALSTIN UNIVERSITY

TO Students of the Faculty of Dentistry and the Faculty of Engineering 2008/2009
& Teaching of CHEMISTRY

SUPERVISION

M.Sc research projects

- Removal of phenols from waste water by catalytic oxidation.
- Study on the transition metal chelates of indigotin.
- Removal of organic pollutants by catalytic oxidation, a kinetic study.

Certificates of appreciation and excellence

- One month distinctive from the University of Palestine in the efforts and dedication to work 2005.
- Certificate of appreciation from the University of Science and Technology in Jordan today for scientific VIII Deputy Science and Arts of the university year 2004/2005
- Certificate of appreciation from the University of Science and Technology in Jordan today For the seventh scientific Deputy Science and Literature in the success of opposition to chemical testing and chemistry competitions for the university year 2004/2005.
- Certificate of thanks and appreciation from the University of Science and Technology in Jordan today for the sixth scientific Under science and literature, chemistry of the university Year 2004/2003
- Certificate of Appreciation University of Aleppo to take part in the activities of the Francophone Institute for Studies 2006/2007
- Shield and a Certificate of Appreciation University of Damascus to take part in the conference scientific 2006/2008
- A certificate of appreciation and the shield of Alhasad private schools 2007/2008

Internal and external Fairs

- Participation in GITEX 2005 for higher education and e-learning-(Dubai).
- Participation in METS2007. Middle East Technology Show 2007- Jordan .
- Participation in ACADEMIA Syria for higher education 2005- (ALEPPO).
- Participation in ACADEMIA Syria for higher education (13-15) 2006- (ALEPPO).

- Participation in ACADEMIA Syria for higher education (16-18) 2006- (Damascus).
- Amman Great exhibition of education and training in 2007-jordan.
- Fair education, training and jobs 2007 –Jordan.
- Conference on Higher Education of Jordan - Development of important members of the faculty 2010- Jordan.

Membership in organizations and associations and committees

- Member of the Council of the University of Palestine
- Member of the Jordanian Chemical Society
- A member Arab Network for open learning and distance education
- Member of the Jordanian Environment Society
- Member of the Development Committee at the University of Palestine
- Member of the Institute of Islamic Thought
- Chairman of the Social Committee at the University of Science & Technology
- Association member Ajnadin charity
- Member of the Examination Committee Central - University of Palestine 2006/2010
- Member of the Admission and Registration - University of Palestine 2006/2010
- Chairman of the Appointments Committee of Foreign Affairs - University of Palestine 2006/2010
- Member of the committees study plans for the Faculties of Arts and Engineering - University of Palestine 2007/2010
- Commissioner deals Academy of Foreign Affairs - University of Palestine 2006/2010
- Official branch Secretary of the Social Committee of the Assembly of al-Akhras, cooperative 2003/208
- Official branches of the University of Palestine Foreign -2006/2010
- Member of the Scientific Committee of the Third Community Partnership Forum (IMSIU)

Other skills:

- Proficiency in English reading, writing and conversation.
- proficiency in computer use Office 2000, Windows 98, 2000 & XP all important computer things
- .Proficiency in the use of the Internet and Internet e-mail.
- The establishment and processing of many inorganic chemistry labs (paint, fertilizer and other industries, industrial and Physical Chemistry, University of Science and Technology.
- A great experience teaching in a way e-learning and agents and all uses in dealing with students, examinations, assignments and lectures online processing of all modern methods and teaching in a way the live and direct.
- Registrar, Faculty of Graduate Studies , Palestine University
- Faculty Board Member , Faculty of Graduate Studies, Palestine University
- Member, Central Examinations Committee, Palestine University
- Faculty Board Member , Faculty of Engineering , Palestine University
- Faculty Research Board Member, Palestine University
- Chemistry program Coordinator , Faculty of Engendering and Dentist ,
- Faculty Board Member , Faculty of Dentist Medical and Scientific Laboratories
- External Examiner, Post Graduate Studies, Yarmouk University –jordan
- Different management activities
- Participating in scientific journals