

CURRICULUM VITAE/ 2013

Mohammed M. Alsubu:

Professor Doctor and Quality Higher Education Expert.

Family name: Alsubu'

First names: Mohammed

Place of birth: Jenin

Passport holder: Palestinian

Residence: Palestine

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Present position:

- a) Prof. Dr. An Najah N. University,
- b) Consultant, Minister of Higher Education,
- c) Academic consultant, BoTs – Al Istiqlal University, Jericho,
- d) Quality Curriculum Advisor, Ministry of Justice.

Education:

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
University of Jordan (1973 – 1977)	B.Sc./ Chemistry
University of Jordan (1977 – 1979)	M.Sc. / Chemistry
University of Florida (1980 – 1985)	Ph.D./ Chemistry
IIEP/UNESCO Distance Course, EQA, 6/10 -23/12/2008.	

Language skills: On a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Arabic (mother)	1	1	1
English	1	2	1
French	4	5	5

Membership of professional bodies:

International Level

- Arab Network for Quality Assurance in Higher Education (ANQAHE)/ Board Member,
- International Network for Quality Assurance Agencies in Higher Education (INQAAHE)/ Active member,
- Distance learning for Innovative Public Sector (DL4iPS)/ Steering Committee,
- Association of Quality Assurance Agencies of the Islamic World/ Member.

Country Level

- Chair/ Board of Accreditation & Quality Assurance Commission (AQAC)/ 15/ 8/ 2006 – 14/8/ 2012),
- Director/ National Team for Chemistry Textbooks (2004 – 2006),,
- Observer/ Council of Higher Education (CHE) (15/ 8/ 2006 – 14/ 8/ 2012),
- Board member/ Supreme Committee for Recognition of Foreign H.E. Diplomas/ (15/ 8/ 2006 – 14/ 8/ 2012),
- General Secretary/ Quality Improvement Fund (QIF) / (15/ 8/ 2006 – 14/ 8/ 2012),
- Board member/ Commission for Developing the Teaching Profession (CDTP)/,
- Advisory Committee member/ National Teacher Education Strategy (TES),
- Member/ Higher Education Reform Experts (HEREs).

Other skills

Higher Education Institutions (HEIs):

- Editorial Board of An-Najah J. Res., (1991-1993 & 2003- 2005).
- Scientific Research Council, (1994-1996 & 1999- 2001).
- University Council (1999- 2001).
- Board of College of Graduate Studies (1999-2001).
- Board of College of Science.
- Scientific committee.

Quality Management and Assurance:

- Screening QIF Projects submitted for funding,
- Trainer/ Peer Reviewers (Educational Programs),
- Trainer/ External Reviewers (Educational Programs and Institution),
- Trainer/ HEIs Self Assessment (Program and Institution),
- Trainer/ HEIs Strategic Planning,
- Participation in the Establishment of Several Bachelor, Master & Doctorate Academic Programs in Several Institutions According to National Standards,

- Supervising and Managing the Application Forms for Licensing and Accreditation of HEIs and Academic Programs,
- Member of Review Panels of Several HEIs such as UCB-Bahrain and ShCT-Oman,
- Supervising Reviewing & Evaluating of Ongoing Academic Programs in HEIs in all Disciplines,
- Drafting AQAC Bylaws,
- Drafting Bylaws for Private HEIs in Palestine,
- Revising the Guidelines for EQA Procedure and Site Visits,
- Establishing Guidelines for Recognition of Foreign HEIs,
- Establishing Guidelines for Applications to Get Accreditation of Academic Programs and New HEIs,
- Drafting Bylaw of Open and Distance Learning,
- Drafting the regulations of master and PhD programs in Palestinian HEIs.

Key qualifications:

- Managing of Quality Assurance and Accreditation System in Palestine,
- Managing Education Policies and Reforms of Higher Education, according to CHE.
- Contribute to the enhancement of quality education in both higher and general education.
- Developing and Implementing National Academic Reference Standards (NARS), Benchmark. Statements, Intended Learning Outcomes (ILOs), and Program Specification Frameworks for Higher Education (both Conventional and Distance Learning).

Professional Experience:

Tertiary Education Project (TEP), Funded by World Bank and EU

Follow up a number of projects carried out by international teams on:

- Comparative Study on Existing Management Structures at all Palestinian TEIs,
- Comprehensive Evaluation of Al- Quds Open University,
- The Governance of the Higher Education System in Palestine,
- Building Institutional Capacity on Planning, management and Quality Assurance.

Management:

- Director of MoHE/ Eu projects, like RUFU and TEMPUS.
- Director of the Palestinian Curriculum and Development Center (PCDC).

Other relevant information:

International Conferences, Workshop, Meetings & Presentations and Joint Work

- Regional Quality Assurance Workshop, 8 & 9 November 2006, Damascus, Syria.
 - Regional Quality Assurance Workshop, 9 & 10 February 2007, Tunis, Tunisia.
 - Regional Quality Assurance Workshop, 30/6-7/7 2007, London, U.K.
 - Regional Quality Assurance Workshop, 8 & 9 January 2008, Casablanca, Morocco.
 - Regional Quality Assurance Workshop, 21-23 June 2008, Cairo, Egypt.
 - Regional Quality Assurance Workshop, 2 April 2009, Abu Dhabi, U.A.E.
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- Transforming Learning Conference, 25-27 February 2007, Amman, Jordan.
 - Towards Better Skills Education, A Major International Conference, Amman, Jordan, 14-15 December.
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- “UNESCO Forum on Higher Education, Research and Knowledge”, 29 November – 1 December 2006, Paris, France.
 - UNESCO - PEACE Steering Committee Meeting, 30 November 2006, Paris, France.
 - UNESCO - PEACE, “International Conference on Research Development in Palestinian Universities”, 4-5/ November 2007, Paris, France
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- Quality Assurance in Education, 28/4 – 2/5/2007, Jeddah, K.S.A
 - “Quality of Higher Education in Arab Countries” 30 October 2007, Dubai, U.A.E
 - Ranking of Arab Universities, 24-25/4/2010, Riyadh, KSA
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- World Bank Regional conference on launching of the MENA “Flagship Report on Education: The Road Not Travelled”, February 4-5, 2008, Amman, Jordan
 - “Self assessment and Strategic Planning”, 13-15 May, 2007, Ramallah, Palestine
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- “Tempus Conference on quality enhancement in higher education” 7&8 May 2008, Cairo, Egypt
 - “ALTAIR Project” workshop 5-11/7/2009 Alicante – Spain
 - ALTAIR Project” workshop 14-16/4/2010 Fez – Morocco
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- “Quality Assurance in Higher Education In Arab Countries” 2-4 November 2008, Cairo, Egypt
 - “Institutional Core Standards”, 27 & 28 December 2008, Amman, Jordan
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- “Improving the Management of Quality Assurance in the Arab Region, Agencies and Universities working together”. A Regional Learning Seminar of ANQAHE and DAAD, Cairo 17&18/10/2009.
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- “Institutional Self-Study and other Modes of Institutional Evaluation ”, 3-5 June, 2008, Ramallah, Palestine

- “INQAAHE Biennial Conference”, 30 march- 2 April, 2009, Abu Dhabi, U.A.E
- “The Round Table Meeting of Quality Assurance Agencies of the Organization of Islamic Conference Member Countries, 13-15 November 2009, Kuala Lumpur, Malaysia”
- The Steering committee DL4iPS meeting, 19 March 2010, Rome, Italy.
- AIDEAST/ USAID PFDP Project: steering committee, round tables meetings, and workshops during the past few years.
- Many other Local/ regional/ International conferences and workshops held in different parts of the world, such as Jordan, Egypt, Morocco, England, France, Spain. *etc.*

16. Publications:

Books

1. Chemistry Book for 11th grade, part (I), Palestinian Ministry of Education (2005).
2. Chemistry Book for 11th grade, part (II), Palestinian Ministry of Education (2005).
3. Chemistry Book for 12th grade, Palestinian Ministry of Education (2006).
4. Accreditation Manual (2008).
5. Guidelines: Licensing Academic Programs and Institutions (2010).
6. Guidelines: Ongoing Educational Programs/ external reviewing (2010).
7. Strengthening Institutional Capacity in Arab Countries "ALTAIR" (2011).
8. Strengthening the institutional capacity of Arab Universities in support of policy, management and planning at national and regional levels “ALTAIR” (2011).

Scientific Papers

Periodicals

I. Reaction Mechanisms

A. Catalyzed reactions

- 1- "Osmium(VIII)-catalyzed oxidation of some alicyclic amines by hexa-cyanoferrate(III) in alkaline media: A kinetic and mechanism study" *Chemistry of Heterocyclic Compounds*, **4**, (2003), 559 - 565.
- 2- “Kinetics and mechanisms of oxidation of 1-octene and heptanal by crown ether-solubilized potassium permanganate in non-aqueous solvents”. *Transition metal chemistry*, **27** (2002), 223 - 227.

- 3- "Osmium(VIII)-catalyze oxidation of pentamethylene sulfide" *Transition metal chemistry*, **29** (2004), 91 - 95.
- 4- "Kinetics and mechanism of osmium(VIII)-catalyzed oxidation of thiomorpholine by alkaline hexacyanoferrate(III)". *PJAS*, **2** (2002) 742-746.
- 5- "Kinetics and mechanism of osmium(VIII)-catalyzed oxidation of 1,4-thioxane by alkaline hexacyanoferrate(III)". *Transition metal chemistry*, **26** (2001), 461-464.
- 6- "Hydrosilylation reactions catalyzed by decacarbonyldimanganese(0)". *J.Mol. Catal.*, **39** (1987)1-11.

B. Unanalyzed reactions

- 7- "Substitution of aquo–ligands from hexaaquochromioium(III) ion by cysteine. A kinetic and mechanistic study" *PJAS*, **3** (2003) 110 - 112.
- 8- "Oxidation of some alicyclic amines by potassium hexacyanoferrate(III) in alkaline medium: a kinetic and mechanistic study" *An-Najah Univ. J. Res.*,**15**, (2002), 35 - 39.
- 9- "Stoichiometry, kinetics and mechanism of oxidation of L-cysteine by hexacyanoferrate(III) in acidic media". *An-Najah J. Res.*, **4** (1995), 23 - 41.
- 10- "Kinetics and mechanism of oxidation of diallylamine by alkaline hexacyanoferrate(III)". *An-Najah J. Res.* **7** (1992) 37 - 44.
- 11- "Kinetics and mechanism of oxidation of arylhydrazides by hexacyanoferrate (III) in alkaline medium". *Indian J. Chem. A*, **30**, (1991) 717 – 719.
- 12- "Kinetics and mechanism of oxidation of triallylamine by alkaline potassium hexacyanoferrate(III)". *J. Ind. Chem. Soc.*, **67** (1990) 966 -970.
- 13- "Kinetics and mechanism of oxidation of phenylhdrazine and p-bromophenylhdrazine by hexacyanoferrate(III) in acidic medium". *Int. J. Chem. Kinet.*, **22** (1990) 1027 - 1037.

II. Environmental Chemistry

Impact of heavy metals on living systems

- 14- "Dental Solid and Hazardous Waste Management and Safety Practices in Developing Countries: Nablus District, Palestine. Waste Management and Research, vol 28, (2010) pp436-444"
- 15- "Enhanced anodic stripping voltammetry method for Blood Lead Determination, Analytical Chemistry : An Indian Journal, Vol. 10, Issue 2, (2011),
- 16- "Impacts of irrigation with water containing heavy metals on soil and groundwater – a simulation study". *Water, Air, and Soil Pollution* **146** (2003), 141 - 152.
- 17- "Effect of root-treatment of cauliflower, parsley and spinach plants with copper and zinc on the plant-growth". *J.Env. Sci. Health, A*, **30** (1995), 2123 - 2132.
- 18- "Effect of root and foliar treatments with copper on the growth of carrot and on the uptake and distribution of uptake of copper in the various parts of plant". *An-Najah J. Res.*, **3** (1995), 73 - 85.
- 19- "Effects of several factors on the growth and on the metal uptake and distribution of okra plant treated with cadmium". *J. Env. Sci. Health, A*, **30** (1995), 2027 - 2040.
- 20- "Effects of several factors on the growth and on the metal uptake distribution of pepper plants treated with cadmium". *J.Env.Sci.Health, A*, **30** (1995), 1659 - 1684.
- 21- "Effects of irrigation with lead and cadmium on the growth and on the metal uptake of cauliflower, spinach and parsley". *J. Env. Sci. Health, A*, **30** (1995) 831 - 849.
- 22- "Effects of copper on the growth of broad beans (*Vicia Fabal L*) and its distribution in the plant". *The Islamic University Journal*. **2** (1994), 223 - 240.

- 23- "Effect of root and foliar treatments of marrow plants with copper solutions on the growth of plant and on its uptake of copper and distribution of this uptake in the various parts of plant (roots, stem, leaf and fruits)". *An-Najah J. Research. A*, **2** (1994) 20 - 33.
- 24- "Combined effects of cadmium, lead and copper on the growth and on metal uptake of broad beans, carrots, radishes and marrow vegetables". *Rev.Int. Contam. Ambient.* **9** (1993), 1 - 9.
- 25- "Effects of root and foliar treatment with lead, cadmium and copper on the uptake distribution and growth of radish plants". *Environmental International.* **19** (1993), 393-404.
- 26- "Effects on growth and uptake distribution of root and foliar treatments of marrow plants with cadmium and lead solutions". *J.Env. Sci. Health*, **A27** (1992), 2173 - 2190
- 27- "Effects of root and foliar treatments of carrot plants with lead and cadmium on the growth, uptake and the distribution of uptake of metals in treated plants". *J. Env. Sci Health, A*, **27** (1992). 1739 -1758
- 28- "Effect on growth and uptake of broad beans (*Vicia fabae* L) by root and foliar treatments of plant with lead and cadmium". *J.Env. Sc. Health, A*, **27** (1992). 1619 – 1642.

Phytoremediation

- 29- "Removal of cadmium(II) ions from aqueous solutions by Tamrix Gallica leaves", *J. Env. Eng. & Sci.* Accepted (2006) Removal of cadmium (II) ions from aqueous solution by Tamrix gallica leaves" *J ENVIRON ENG SCI* , **5**, (2006), 509-515, 2006.
- 30- "Removal of zinc from aqueous solutions by dry plant leaves" *Trans Ichem, B* **81** (2003), 236 - 242.
- 31- "Removal of dissolved copper from polluted water using plant leaves: II. Effects of concentration of copper, plant leaves, competing ions and other factors", *Rev.Int. Contam. Ambient*, **17**, (2001), 123 - 127.
- 32- "Removal of dissolved copper from polluted water using plant leaves: I. Effects of acidity and plant species", *Rev.Int. Contam. Ambient.* **17**, (2001), 91 - 96.
- 33- "The interaction effects of cypress (*Cpressus sempervirens*), cinchona (*Eucalyptus longifolia*) and pine (*Pinus halepensis*) leaves on their efficiencies for lead removal from aqueous solutions". *Adv. Env. Res.*, **6**, (2002) 569 - 576.
- 34- "Removal of lead from polluted water using decaying leaves". *J. Env. Sci.Health. A*, **29**, (1994), 2087 - 2114.
- 35- "Uptake of cadmium from water by beech leaves". *J. Env. Sci. Health. A*, **27** (1992) 603 – 627.

International Conferences, Workshop, Meetings & presentations

a. Scientific

- "Reactions of dinitrogen tetroxide with crown ethers and other cyclic nitrogen and oxygen bases". *Book of Abstracts, 36th Southeastern Regional Meeting, (ACS)* October 24 - 26 (1984), Raleigh, U.S.A.
- "The synthesis of 2,2-diallyltriiazanium chloride and 1,1,1-trialylhydrazinium chloride and their polymerization". *Book of Abstracts, 36th Southeastern Regional Meeting (ACS)*, October 24 - 26 (1984), Raleigh, U.S.A.
- International Workshop on Occupational Health and Work – Exposure and Safety, April 27 – 28 (1998), Hebron University, Hebron, Palestine.
- "Effect of irrigation with lead and cadmium on the growth and on the metal uptake of cauliflower, spinach and parsley". Environmental protection and environmental

awareness in the West Bank and the Gaza strip, December 15 – 16 (1994), An- Najah N. University, Nablus, Palestine.

- “Removal of lead from polluted water using decaying leaves”. The International Meeting on Trace Elements in Human Health and Disease, June 19-21 (1994), Leon-Norway.
- “Stoichiometry, kinetics and mechanism of oxidation L-cysteine by hexacyanoferrate (III) in acidic media”. The First Palestinian Chemical Conference, July 29-30 (1992), Nablus, West Bank.

b. Quality Education

British Council,

- Regional Quality Assurance Workshop, 8 & 9 November 2006, Damascus, Syria.
- Regional Quality Assurance Workshop, 9 & 10 February 2007, Tunis, Tunisia.
- Regional Quality Assurance Workshop, 30/6-7/7 2007, London, U.K.
- Regional Quality Assurance Workshop, 8 & 9 January 2008, Casablanca, Morocco.
- Regional Quality Assurance Workshop, 21-23 June 2008, Cairo, Egypt.
- Regional Quality Assurance Workshop, 2 April 2009, Abu Dhabi, U.A.E.
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- Towards Better Skills Education, A Major International Conference, Amman, Jordan, 14-15 December.

UNESCO

- “UNESCO Forum on Higher Education, Research and Knowledge”, 29 November – 1 December 2006, Paris, France.
- UNESCO - PEACE Steering Committee Meeting, 30 November 2006, Paris, France.
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- IIEP/UNESCO Distance Course on EQA, 6/10 -23/12/2008

ALESCO

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- Ranking of Arab Universities, 24-25/4/2010, Riad, KSA

World Bank

- World Bank Regional conference on launching of the MENA “Flagship Report on Education: The Road Not Traveled”, February 4-5, 2008, Amman, Jordan
- “Self assessment and Strategic Planning”, 13-15 May, 2007, Ramallah, Palestine

TEMPUS

- “Tempus Conference on quality enhancement in higher education” 7&8 May 2008, Cairo, Egypt
- “ALTAIR Project” workshop 5-11/7/2009 Alicante – Spain
- ALTAIR Project” workshop 14-16/4/2010 Fez – Morocco

ANQAHE

- “Quality Assurance in Higher Education In Arab Countries” 2-4 November 2008, Cairo, Egypt
- “Institutional Core Standards”, 27 & 28 December 2008, Amman, Jordan

DAAD/ ANQAHE

- “Improving the Management of Quality Assurance in the Arab Region, Agencies and Universities working together”. A Regional Learning Seminar of ANQAHE and DAAD, Cairo 17&18/10/2009.

AMIDEAST/USAID

- “Institutional Self-Study and other Modes of Institutional Evaluation ”, 3-5 June, 2008, Ramallah, Palestine

INQAAHE

- “INQAAHE Biennial Conference”, 30 march- 2 April, 2009, Abu Dhabi, U.A.E

Malaysian Qualification Agency (MQA)

- “The Round Table Meeting of Quality Assurance Agencies of the Organization of Islamic Conference Member Countries, 13-15 November 2009, Kuala Lumpur, Malaysia”
- **MENA**
The Steering committee DL4iPS meeting, 19 March 2010, Rome, Italy

Scholarships and Awards

- Amideast, 1980 -1984.
- DAAD, 1990 at the Biology Department, University of Belfield, Germany.
- The Palestinian Council of Higher Education Prize in Chemistry, 1994.
- The Scientific Foundation of H. Hijawi Prize for Applied Sciences (Jordan), 1999.

References:

1. Prof. Dr. Rami Hamdalla, president, An Najah N. University, Nablus.
2. MS Lamis Al Alami, Minister, Ministry of Education.
3. Prof. Dr. Ali Zaidan, Minister, Ministry of Higher Education.