

CURRICULUM VITAE

2014

Name: Dr. Ibrahim Diab Abu Shqair
Date of Birth: 01/10/1969
Marital Status: Married
Address: An-Najah N. University. Nablus-Palestine.
P.O. Box 7, Tel. 0097092397994
Mobile: 0599 78 58 04
E-Mail: abushqair@najah.edu

EDUCATION:

1998- 2006 Ph.D in Analytical Chemistry.
An-Najah N. University, Nablus, Palestine.
"Determination of some fluoroquinolone antibacterials with DNA modified electrodes and their oxidation by potassium hexacyano ferrate (III)".

1995-1998 Master Of Chemistry
An-Najah N. University, Nablus, Palestine.
"Effect of acidity on the removal of copper and zinc by decaying leaves".

1991-1995 Bachelor Of Chemistry
An-Najah N. University, Nablus, Palestine.

APPOINTMENTS:

2006-Presnt An-Najah N. University
Assistant Professor

2001-2006: An-Najah N. University
Teacher.

1997-2001: An-Najah N. University
Teaching Assistant.

TEACHING EXPERIENCE:

- 1- General Chemistry (1), 23101
- 2- General Chemistry (2), 23102
- 3- Practical General Chemistry (1), 23107
- 4- Practical General Chemistry (2), 23108
- 5- Analytical Chemistry, 23211
- 6- Practical Analytical Chemistry, 23215
- 7- Analytical Chemistry (Biology), 23212
- 8- Practical Analytical Chemistry (Biology), 23216
- 9- Instrumental Methods of Chemical Analysis, 23311
- 10- Practical Instrumental Analysis, 23315
- 11- Advanced Analytical Chemistry, 23411
- 12- Special Topics in Analytical Chemistry, 23481
- 13- Advanced Instrumental Analysis, 423511 (for M.Sc.)
- 14- Environmental Chemistry, 423512 (for M.Sc.)

RESEARCH INTERESTS:

1. Modification of solid electrodes as sensors for voltammetric studies.
2. Kinetics and mechanisms for the oxidation of drugs and their interaction with DNA.
3. Environmental pollution.

RESEARCH SKILLS:

Ability to perform chemical analysis by using GF-FAAS, FAAS, HPLC, IR, Karl Fischer, voltammetry and spectrometry.

Computer and software: Windows, Excel, WinWord, Dos, Graphics.

SUPERVISION (MASTER STUDENTS):

1. "Synthesis of Swellable Functionalized Polymer Microspheres and Study of their Selective Optical Sensing Properties". Hanin Rafiq Khalid Qasim, 2010.
2. "Adsorption of some Fluoroquinolones on Selected Adsorbents". Areej "Mohammed Ghazi" Hattab, 2010.

THESIS EXAMINATION:

1. "Adsorption and desorption characteristics of endosulfan pesticide from three soils in Palestine". Karbola' Mohammed Aref Jaradat, Chemistry. 2009.
2. "Removal of heavy metal ions by polymer bound tris-amine microspheres". Lena Imad Adel Odeh, Applied and Industrial Technology. 2012.
3. "Antioxidant activity and Phenolic content of various date palms (*Phoenix dactylifera* L.) fruits from Palestinian territories". Lara Hamdan Obeyat, Applied and Industrial Technology. 2013.

WORKSHOPS AND CONFERENCES:

1. A Workshop about Intended Learning Outcomes, ILOs. An – Najah National University, Palestine. February 02, 2014.
2. Symposia on Excellence in Learning and Teaching in Higher Education. An – Najah National University, Palestine. May 22, 2013.
3. The 7th Palestinian International Chemistry Conference. Birzeit University, Palestine. March 23 – 24, 2013.
4. The 5th Palestinian International Chemistry Conference, "Chemistry and sustainable development". June 1st – 2nd, 2011.
5. A workshop about "Ozone Depleting Substances", Environmental Quality Authority. Ramallah, Palestine. May 24th, 2011.
6. International Graduate Conference on Science, Humanities and Engineering 2011. An Najah National University, Nablus, Palestine. May 4 – 5th, 2011.
7. EMUNI Day; "Universities and Communities: One Challenge and Multiple Horizons". An Najah National University, Nablus, Palestine. Apr. 20th, 2011.
8. "Management, training and waste – disposal towards a greener environment". Al – Quds University, Abu Dis / Jerusalem. Feb. 12th, 2011.
9. Second conference on Biotechnology Research and Application In Palestine. An Najah National University, Nablus, Palestine. Sep. 26 – 27th, 2010.
10. A workshop about intended learning outcomes, ILOs. An Najah National University, Nablus, Palestine. Apr. 5th, 2010.

11. Palestinian Conference on Modern Trends in Mathematics and Physics II. An Najah National University, Nablus, Palestine. Aug. 2nd, 2010.
12. A workshop about the EU 7th Framework Program, FP7. An Najah National University, Nablus, Palestine. Dec. 9th, 2009.
13. Several workshops about e – learning, using SCORM standards. An Najah National University, Nablus, Palestine. 2009.

COMMITTEE MEMBERSHIP:

1. General chemistry coordination committee.
2. Member of committee for quality assurance of chemistry department.
3. Organizing committee for the Fifth Palestinian International Chemistry Conference.

FUNDS:

Research visit to Ecole Normale Superior, Paris, France. From September to December 2000, funded by CRS.

REFERENCES:

1. Professor Radi Salim
Department of Chemistry
An-Najah N. University
Nablus, Palestine
2. Professor M. M. Al Subu
Department of Chemistry
An-Najah N. University
Nablus, Palestine
3. Professor Pierre Sinay
Department of Chemistry and Biochemistry
Ecole Normale Superior
Paris, France

PUBLICATIONS:

1. "Removal of Dissolved Copper from Polluted Water Using Plant Leaves: I. Effect of Acidity and Plant Species". M.M. Al-Subu, R. Salim, I. Abu-Shqair and K.M. Swaileh. *Rev. Int. Contam. Ambient.* 17(2), 91-96, 2001.
2. "Removal of Zinc from Aqueous Solutions by Dry Plant Leaves". R. Salim, M. Al-Subu, I. Abu-Shqair and H. Braik. *TransIChem*, 81, Part B, 236-242, 2003.
3. "Spectroscopic Studies on the Binding of Some Fluoroquinolones with DNA". Ibrahim Abu-Shqair, Nizam Diab, Radi Salim, Mohammad Al-Subu. *Asian Journal of Applied Sciences*, Volume 01– Issue 05, 179 – 184, 2013.
4. "Kinetics of Oxidation of Some Fluoroquinolones by Hexacyanoferrate (III) in Alkaline Medium". Nizam Diab, Ibrahim Abu-Shqair, Mohammad Al-Subu, Radi Salim. *International Journal of Chemistry*, Vol.34, Issue.2 1388 – 1394, 2013.
5. "The Behavior of Ciprofloxacin at a DNA Modified Glassy Carbon Electrodes". Nizam Diab, Ibrahim Abu-Shqair, Radi Salim and Mohammad Al-Subu. *Int. J. Electrochem. Sci.*, 9, 1771 – 1783, 2014.