

Safa Shaheen's Curriculum Vitae

PERSONAL INFORMATION

Name	Safa Arafat Ismail Shaheen
Date of Birth	16.11.1980
Marital Status	Married
Children	three
Religion	Islam
Nationality	Palestinian
E-mail	sshahin@ppu.edu
Tel. Number	0598313189
Specilization	Natural Products Chemistry-Chemical Constituents of Jordanian Propolis
Work address	College of Applied Sciences, Palestine Polytechnic University, Hebron, Palestine

EDUCATION

- **M. Sc** degree in Chemistry: Natural Products, Chemistry Department, University of Jordan, Amman, Jordan, 2007. (**Rating 3.75/4, excellent**)
- **B. Sc** degree in Chemistry, Hebron University, Hebron, Palestine, 2003. (**Rating 92.4 %, Excellent with Honor degree**)
- **Secondary High School Certificate (Tawjihi)** Widad Nasser Al-deen Secondary School, Hebron, Palestine, 1999. (**Rating 91.5 %**)

SCHOLARSHIP: DAAD (German Academic Exchange Service) for master degree in chemistry at the University of Jordan.

TEACHING

Organic chemistry
Organic chemistry laboratory I and II
General chemistry I
General chemistry II
General Chemistry Laboratory I and II
Food Chemistry
Food Chemistry Laboratory
Understanding Food
Inorganic Chemistry I
Inorganic Chemistry Laboratory
Analytical Chemistry Laboratory

SKILLS:

- English language (Speaking and writing very good)
- Using computer programs (Microsoft Word, Microsoft Excel, and power point).

PREVIOUS EXPERIENCE:

- Research assistant on "Tannery Wastewater" project. Chemistry Department, Hebron University, (2003-2004).
- Instructor: Hebron University, Hebron, Palestine (2007-2014)
- Preparation of General Chemistry Laboratory Manual I , Hebron University, Hebron, Palestine (2010)
- 2014-up to now teaching in College of Applied Sciences, Palestine Polytechnic University.

TECHNICAL EXPERIENCE:

- Operating UV/Visible and IR spectrophotometers.
- Separation techniques including TLC and GC.
- Structural elucidation of unknown organic compounds by ¹H and ¹³C-NMR, 2D NMR, and Mass Spectrometry.

SCIENTIFIC CONTRIBUTIONS

1. Analysis for chromium content in wastewater from leather industry". Maher Al-Jabari, **Safa Shaheen**, and Awni Khatib. Presented at the Hazardous Waste Conference' University of Science and Technology Jordan Nov. 2004.
2. Treating Chromium Tanning Wastewater using Natural Clay. Maher Al-Jabari, **Safa Shaheen**, and Awni Khatib. Accepted to the International Conference for the Total Environment (RETBE' 04) Alexandria –Egypt Dec 2004.
3. "Basic Monitoring Using UV/ Vis Spectrophotometer Analysis for Treatment of Tanneries Wastewater in Palestine" Awni Khatib, **Safa Shaheen** and Maher Al-Jabari. Presented to the conference Chemistry and the Environment at Yarmouk University – Irbid – Jordan Sep 2005.
4. Maher Al-Jabari, **Safa Shahin** and Awni Khatib, "Evaluating and Investigating the Performance of the Treatment of Wastewater from Tanneries using UV/vis Spectrophotometric Analysis", **Jordan International Chemical Engineering Conference V (JICEC05)**, Amman, (September, 2005)
5. **S. Shaheen**, Monitoring the Treatment of Tannery Wastewater Using UV/ Vis Spectrophotometer. Presented to the conference Chemistry Day, Mouta University, Karak, Jordan, 26 th of April 2006.
6. Maher Al-Jabari, Fathi Aqra, **Safa Shahin** and Awni Khatib, "Monitoring Chromium Content in Tannery Wasterwater", *The Journal of the Argentine Chemical Society* **Vol. 97 No 2, 77-87** (2009)
7. Maher Al-Jabari, Malek Abu Al-Felat, **Safa Shaheen**, "Reducing Environmental Impact of Leather Industry by Treating its Wastewater with **Stone Cutting** Solid Waste", **ICEEP-2009**, Palestine, November 2009.
8. Maher Al-Jabari, Fathi Aqra, **Safa Shahin** and Awni Khatib, "The Treatment of Chromium Tanning Wastewater using Natural Marl", *Chemical Speciation and Bioavailability*, Volume 21, Number 3, August 2009 , **pp. 185-191(7)**.
9. Maher Al-Jabari, Malek Abualfailat, **Safa Shaheen**, "Treating Leather Tanning Wastewater with Stone Cutting Solid Waste", *CLEAN - Soil, Air, Water*, (2012), 40(2), 206-210.
10. **Safa A. Shaheen**, Musa H. Abu Zarga, Ibrahim k. Nazer, Rula M. Darwish and Hala I. Al-Jaber. Chemical Constituents of Jordanian Propolis. *Natural Product Research*. Vol.25, No.14, August (2011), 1312-1318.