

Curriculum Vitae

Name	Shareef K. I. Muzyed	
Nationality	Palestinian	
Place and Date of Birth	Gaza / 28.12.1981	
Address	Jamal Abd el-Nasser street, El Bataa, Deir ElBatah, Gaza/ Palestine.	
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Knowledge of Language	Arabic- English – Turkish	

Educational Records

- 2016 Doctor of Philosophy in Analytical Chemistry (with excellent grade), Institute of Marine Sciences and Technology/ Graduate School of Natural and Applied Sciences, *Dokuz Eylul University*, Izmir/ Turkey.

The thesis title was “*Levels of Organochlorine Compounds in Sediment and Fish from Eastern Aegean Coast and Use of nonstructural Polymeric Sorbent for the Extraction of DDT*”.

- 2011 Master of Science in Chemistry (with excellent grade), *The Islamic University of Gaza*- Palestine.
- 2007 General Diploma of Education (with excellent grade), *Al-Quds Open University* of Gaza-Palestine.
- 2003 B.S. in Applied Chemistry (with very good grade), *El Azhar University of Gaza*- Palestine.

Professional experience

- Now working as chemistry lecturer (Hourly) at Palestine university/ Palestine.
- Jan. 2016 – Oct. 2016 worked as “polyester” research and development chemist, *ESKİM Kimya Company*, Eskisehir/ Turkey. Here we tried to produce new polyester polymers according to world’s standards.
- June 2015- Jan. 2016 Worked as a chemical analyst for food and agriculture products, *Aybak Nature Analysis Laboratory Services*, Izmir / Turkey. Our work concerned on performing a large scale of food’s additives and residues which included:

Toxin Analysis

Aflatoxin B1, B2, G1, G2, Aflatoxin M1, Ochratoxin A, Zearalenone, Deoxynivalenol, Fumonisin B1, B2 etc.

Residue Analysis

Pesticide Analyzes (Organic chlorinated, Organic phosphorous, N-methyl carbamate pesticides, Benzimidazole group fungicides, Dithiocarbomates etc.), Antibiotic analyzes etc.

Mineral-metal Analysis

Mineral Analysis: Sodium, Calcium, Potassium, Phosphorus, Magnesium and so on.

Metal analysis: Lead, Cadmium, Arsenic, Mercury, Tin, Iron, Copper, Zinc, Nickel, Mangan etc.

Additive Analysis

Potassium Sorbate, Sodium Benzoate, Nitrite, Nitrate, Sulfur Dioxide, PAH (Benzo (a) Pyrene), Hydroxyproline, Melamine and so on.

- 2009-2012 worked as science teacher at the schools of UNRWA - *United Nations Relief and Works Agency for Palestine Refugees*, Gaza / Palestine.
- 2006-2009 worked as a chemistry teacher at secondary schools of the *Ministry of Education of the Palestinian National Authority*, Gaza / Palestine.
- 2004-2005 worked as science teacher at the schools of Unrwa - *United Nations Relief And Works Agency For Palestine Refugees*, Gaza / Palestine.

Projects participations

- Environmentally Sustainable Project of Establishing Eco-Friendly Fish Farms System.
- Grand Canal Project In The Gulf of Izmir Environment; Physical, Chemical, Biological and Microbiological Monitoring of Impact and results.

In these projects we monitored the environmental conditions in marine ecosystem that can be divided as:

- 1- Pollutants (**heavy metals**; e.g., *Lead, Cadmium, Mercury, Manganese, Iron, Copper, Zinc, Nickel, Arsenic*, and **persistent organic pollutants** such as *Organochlorines, Petroleum Hydrocarbons*) concentrations.
- 2- Nutrients (e.g., phosphorus, nitrogen, silicon, dissolved oxygen, chlorophyll) concentrations in sediment, water and fish.

Research interests

- Analytical and Environmental Chemistry, Food Products Analysis, Water Quality Monitoring, Seawater Desalination, Analytical methods development, Solid phase extraction (separation methods), Polymer Chemistry, Biological Chemistry, Chemical Education, Teaching with technology.

Activities

- Apr 2015 Participation in the " international workshop on marine nanocoating" *Dokuz Eylul University Izmir, Turkey*
- Nov 2011 Participation in the "Fourth Scientific Conference of Science and Development", *The Islamic University of Gaza- Palestine.*
- July 2009 finish a training course of "Safety and Security in Laboratories" *El Azhar University of Gaza- Palestine.*
- Oct 2001 Participation in the preparation for the Faculty of Science Exhibition, *El Azhar University of Gaza- Palestine.*

Statistical and theoretical chemistry programs I can deal with

- SPSS, Excel, Minitab, ChemDraw Ultra, Spartan Software.

Analytical apparatus I have dealt with

- Atomic absorption spectroscopy (AAS), GC, HPLC, ICP-OES, UV- Vis Spectrophotometry.

Publications

- 1- Elnabris, K., **Muzyed, S.**, El-Ashgar, N. (2013). Heavy metal concentrations in some commercially important fishes and their contribution to heavy metals exposure in Palestinian people of Gaza Strip (Palestine). *Journal of Association of Arab Universities for Basic and Applied Sciences*, 13, 44-51.

Articles in press

- 1- Concentrations of organochlorines in fish and sediments collected from Eastern Aegean Coast". *Bulletin of Environmental Contamination and Toxicology.*
- 2- Utilization of nanostructures with high binding capacity as adsorbent for Organochlorines (will be submitted to a journal soon).