

Curriculum Vitae
Of
Arwa M.Naser Nemer Mujahed

OBJECTIVE

My job is to provide full support to various organizational activities through the experience and skills, with an eye on the organization's goals and best interests.

I. Personal Data

- Date of birth: January 17, 1986
- Place of birth: Saudi Arabia
- Gender: Female
- Marital status: Married with 2 children
- Address: P.O.Box 133
Hebron
West Bank
Palestine
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- E-mail: Bio_arwa@yahoo.com

Education

Hebron University

2010 – up to date

Enrollment of MSc in Natural Resources and Their Sustainable Management, average 93.5%, expected graduation at December/2012, thesis title is (**Genetic diversity of Palestinian grapevine (*Vitis venifera* L.) cultivars using different DNA-based markers**).

Some master courses:

- | | |
|---------------------------|----------------------------------|
| -Water measurements. | -Water, plant and soil analysis. |
| -Watershed management | -Advance plant ecology |
| -Advanced organic farming | -Advanced plant physiology. |

- **Hebron University/Faculty of Science and Technology / Biology Department.**

2004-2008

B.Sc. in Biology with accumulated average 90%.

- **Wedad Nasser Aldeen Secondary School / Hebron** **2004**
General Secondary Certificate Exam of Palestine, average 92, 2%.

II. Work Experience

Red Crescent Society 2002-2003

Volunteer in Al-Raja Center, Hebron

Job summary: working with children and teaching them Islamic basics, good conduct and environment preservation.

Hebron University July/2005 -October/2005

Assistant in a Research Lab.

Job summary: working as a research assistant with Prof.Awni Al-Khatieb, combining and printing GENERAL CHEMISTRY II book which bear our names. This was a voluntary work.

Hebron University March/2009 -December/2009

Project manager and Researcher in Epidemiology Research Lab/College of Science and Technology.

Job summary: working on toxoplasmosis project.

- Making offers and orders for companies material procurement and disposables that are necessary for the research.
- Making questionnaires on various studies.
- Analyzing the questionnaire on **SPSS** program.
- Extracting of DNA from human tissue (blood).
- Programming PCR cycler and making PCR test on the specimens, then running the product on gel electrophoresis and detect toxoplasma.
- Making ELISA reaction for the specimens and reading the results.
- Analyzing all results and project budgets.

Hebron University January/2010 -April/2011

Project manager and Researcher in Biotechnology Research Lab/College of Agriculture.

Job summary: working on many projects:

- ✓ Post-harvest of grape.
 - Studying the diseases during post-harvest by culturing.

- Studying physical, chemical and morphological changes during the post-harvest by different tests.
 - Analyzing the results on **MS excel** and **sigma stat** programs.
- ✓ Post-harvest losses of cluster Tomatoes (*Lycopersicon esculentum*)
Cultivated in Palestinian Territories. Financial agency: Denmark
By applying many different experiments and tests
- Studying the diseases during the experiment by culturing.
 - Studying physical, chemical and morphological changes during the experiment by different tests.
 - Analyzing the results on **MS excel** and **sigma stat** programs.
- ✓ High Quality Solanaceous crops for consumers, processors and producers by exploration of natural biodiversity. Financial agency: EU
- Detection of heterogeneity in tomato by crossing and PCR reaction.
 - Making digestion of certain chromosomes by cutting enzymes and illustrate the results.
- ✓ Biodiversity of Palestinian wild plants.
- Making fingerprinting for papilionaceae family (forbs).
 - Making fingerprinting for graminaceae family (grasses).
 - Making fingerprinting for all types of *Vicia faba* in Palestine.
 - Making PCR using RAPD, SSR, ISSR primers and dealing with ITS sequencing.
 - Analyzing of PCR results as 0, 1 on **FAMD** and **Tree Viewer** programs to produce the dendogram (tree).
- ✓ Determination of the Nutritive Value of Several Rangeland Plants in Palestine
- Picking rangeland plants and grinding them into a powder.
 - Analyzing the nutritive value of these plants (nitrogen, phosphorous, potassium...etc, +micronutrients).
- ✓ Water harvesting management.

Important note:

I also can calibrate DNA on spectrophotometer and calculate the concentration of DNA in nanogramms or microliters according to the need.

Palestine Polytechnic University

September/2012-uptodate

Lecturer for the following courses:

-Public health

-Medical records

-Microbiology

III. Courses and Training:

- Training in Biotechnology Lab, Hebron University/ Faculty of Agriculture. February/2009
- I attended the 2nd International Conference on Energy and Environmental Protection in Sustainable Development, in Palestine Polytechnic University with Prof.Awni Al-khatieb (head of Hebron University) and Dr. Khaldoun Nejim (head of Biology Department). 10-12/ Nov. /2009
- Leadership training course, Palestinian Boy Scouts & Girls/ Guides Association, Hebron. July/2000
- Computer skills, Al-Anwar Laboratory Center /Islamic Charitable Society, Hebron. June/2000
- First Aid, the Union of Palestinian Medical Relief Committees, Hebron. 1998
- Arab Calligraphy Course (Ruqa & Naskh), Alyaaqobia School, Hebron. 1999

IV. Skills

* Computer:

- MS Word; MS Excel.
- Power Point
- Outlook Express; MS Outlook.
- NCBI, Pubmed,

In addition to other programs that are mentioned previously in work experience (SPSS, SIGMA STAT, TREE VIEWER, FAMD).

- ✓ **Proposal writing.**
- ✓ **Communication skills**

***Languages**

- Arabic, mother tongue.
- English.

V. Awards:

- Hebron University funded scholarship in 2004 to study B.Sc.
- Achieved a project scholarship /fees only in 2011 to continue MSc.

VI. **Driving Certificate:** I have a clean driving license since may/2009.

VII. References:

- Prof.**Ayed Salama**, Faculty of Agriculture, Hebron University.
- Associated Prof. **Rezq Basheer-Salimia**, Faculty of Agriculture, Hebron University.
- Dr.**Khaldoun Nejm**, Head of Biology Department, Hebron University.
- Mr.**Saleh Al-Siekh**, Researcher in Faculty of Agriculture, Hebron University/and PhD. Student in Max blank institute-Germany.

Other academic, employer, and personal references are available on request.