

Curriculum Vitae

Dr. Heba Al-Fares

General Details

Name: **Heba Mu'een Abd El Raouf Al-Fares**

Date of Birth: **1973**

Nationality: **Palestinian**

Membership in professional Societies: **Member of the Jordan agricultural Engineers Association**

Email Address: **hb_alfa@yahoo.com, heba-alfares@najah.edu**

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Education

PhD and Master Degree in Horticulture and Crop Science, 2010

The University of Jordan

Dissertation Title Identification of QTL Associated with Drought Tolerance in Barley (*Hordeum vulgare* L.). GPA (Excellent)

Master Degree in Environmental protection & science, 2002

An-Najah National University. University.

Thesis Title Comparative Study of Genetic Diversity in Durum Wheat in Palestine. GPA (Good)

B.SC. Degree in Plant Production & Protection, 1999

An-Najah National University GPA (Good)

Research interests

Plant molecular biology

Gene mapping and QTL analysis

Plant breeding, marker assisted selection and abiotic stress response

Environmental impact assessment

Employment Record

Job Title: **Head of Plant Production and Protection Department**

Name of Employer : **Department of Plant Production and Protection, Faculty of Agriculture, An-Najah National University**

From - To : **July / 2012 – Until now**

Main duties

- Lead the Department to develop and maintain strong, relevant research, teaching, and extension programs.
- Foster strong working relationships between the Department and its alumni, employers, community and news media.
- Develop and manage budgets.
- Represent the Department in communications with the Faculty and the university;
- Have a strong commitment towards faculty development and help promote the Department's growth and success

▪ **Teaching Experiences**

Undergraduate students (BSc): Principle of Genetics, Environment in Palestine, Plant biotechnology, Food Biotechnology , Organic Farming and seminar

Graduate students (Master): Soil, Water & Plant Relationship, Water - Plant - Soil System, Vegetable Production, Wildlife Protection and Management, Plant Biotechnology, Plant Breeding, and Advance Plant Physiology.

Job Title: **Assistant Professor**

Name of Employer : **Department of Plant Production and Protection, Faculty of Agriculture, An-Najah National University**

From - To : **January / 2011 – Until now**

Teaching Experiences

Job Title **Environmental specialist**

Name of firm **Consolidated Consultants for Engineering and Environment**

From - To **Feb-2009 - Mar- 2010**

Main duties

- Provide technical expertise in Occupational Safety and Health-related (OSH) areas
- Designing, writing and editing environmental reports and permit applications
- Research and collecting data
- Responsible for compliance management of construction project
- Conducting field inspection and report
- Working onsite at utility/construction project
- Follow up for environmental impact for project t, dealing with all environmental and safety issues.
- Conduct awareness campaigns regarding environmental issues for workers and surrounding societies for all projects.
- Inspect and make decision concerning reduction of environmental impact on surrounding wildlife, water resources and people.

Job Title: **Research assistant**

Name of Employer : **The University of Jordan**

From - To : **2006-2008**

Preparing and participating in teaching during courses related to Sustainable Agriculture, Good Agricultural Practices (GAP), GIS, Food Security, Bioinformatics, Tissue Culture, Plant Breeding, Biodiversity, Plant Ecology, Plant Nutrition, and Soil Fertility.

Laboratory and field work

Plant propagation and Vegetables production lab courses

Laboratory works: Molecular marker (SSR, AFLP and RAPD), Using PCR, DNA sequencer, electrophoresis, and manual silver staining.

Field works: Planting and planning field experiments, Hand pollination of cereal crops, Data gathering and measurements

Data analysis:

- ❖ QTL analysis: mapmaker, QTL Cartographer V2.5
- ❖ Statistical analysis using SAS and SPSS

Job Title: **Technical Manager of Middle East - Regional Agricultural Program, Head of Planning and Extension Programs**

Name of Employer : **Ministry of Agriculture**

From – To: **2002 - 2003**

Main duties

- Assist the project coordinator in all project activities.
- Ensures regular activity progress.
- Preparing and finalizing the daily, monthly and annual reports.
- Organizing workshops “Training, Meeting”.
- Designing and proceeding yearly extension programs for the extension agents.

Job Title **Head of Agricultural Rural Development**

Name of Employer **Ministry of agriculture**

From - To : **2000 - 2002**

Main duties

- Assessing and analyzing local communities needs. Developing needed activities.
- Raped rural appraisal in the target area to collect information about the villagers life concentrating on social and economical life investigating the women and its role that she play in the management of enterprises and project.
- Training courses related to extension for national resources.
- Preparing and organizing the field days.
- Organizing training program co-operating with UNDP and NGOs.

Publications

Al-Fares H., Abu-Qaoud H ., (2012): **Molecular Characterization of Genetic Diversity in Durum Wheat Landraces in Palestine**. Vol.11(66), pp. 12958-12963. AJB

Al-Fares H., Akash M.W., Kafawin O. **Identification of QTL Associated with Drought Tolerance of Barley (*Hordeum vulgare* L.)** (Under processing)

Conferences Attended

Al-Fares H., Abu-Qaoud H. (2011) .Molecular Characterization of Genetic Diversity in Durum Wheat Landraces in Palestine. **International Graduate Conference on Science, Humanities and Engineering.**

Al-Fares H., Akash M.W., Kafawin O. (2012) Identification of QTL Associated with Drought Tolerance of Barley (*Hordeum vulgare* L.). In Jordan – Irbid. **The Seventh Scientific Agricultural Conference SSAC-2012**

Al-Fares H., Akash M.W., Kafawin O. (2012) Identification of QTL Associated with Drought Tolerance of Barley (*Hordeum vulgare* L.). in Palestine. **Scientific Conference for Agricultural Research SCAR-2012**

Conferences Organizing Committee

The Second International Conference on Olive in Palestine (SICOP), 25-26 November 2013

Workshops Attended

ARIJ and the MOA, Palestinian Forests Sustainability and Rehabilitation: Al Qarin Protected Area in the Southern West Bank and Umm At Tut Area in the Northern West Bank within the Mediterranean Eco-system. 2012., Palestine- Bethlehem

ARIJ, Promoting socio-economic sustainable development through innovative technological actions in the field of cultural heritage conservation and protection of natural areas in Mediterranean Basin. 2012. Palestine, Nablus

ARIJ and the MOA, Palestinian Forests Sustainability and Rehabilitation: Al Qarin Protected Area in the Southern West Bank and Umm At Tut Area in the Northern West Bank within the Mediterranean Eco-system. final workshop 2013., Palestine-Rammallah

Adviser / committee member

Committee member:

1. Identification of Resistant Sources to Leaf Rust and Powdery Mildew Disease in Oats. 2011
Author: Omar Issam Abed Allah Abu Baker.
Supervisor : Dr. Munqez Shtaya
2. Phenotypic Characterization of Faba Bean (*Vicia faba* L.) Landraces Grown in Palestine. 2012
Author: Talal Hassan Mosa Al Barri
Supervisor : Dr. Munqez Shtaya
3. Morphological and Genetical Characterization of the main Palestinian olive (*Olea europaea* L.) cultivars. 2012
Author: Ramiz Jawad Omar
Supervisor : Dr. Hassan Abu-Qaoud.
4. Salinity Management for Barley Production in Brackish and Treated Effluent Irrigated Agricultural Systems
Author: Maher Abd Allah Ahmed Salahat
Supervisor: Prof. Dr. Marwan Haddad / Supervisor
Dr. Numan Mizyed /Co-Supervisor

Training

Name and location of school or training place	Month and year attended From To		Degree/ certificate achieved	Subject
AOAD office in the west bank	6/7/03	8/7/03	certificate	Institutional Building to the Ministry of Agriculture
The Arab American University Continuing Education & Community Service Center	22/4/03	20/5/03	certificate	TOFEL Preparation Course (24 Hour)
Future Leaders for Computer & Communication Est. Amman – Jordan	1/8/98	1/10/98	certificate	Computer: Excel, windows, word, power point (Presentation, data show) and SPSS , SAS Programs
AMC Agricultural Materials Company (Migdadi)	3/5/03	3/10/03	certificate	Sale management for Pesticide, herbicides and agricultural material for companies & farmers`
NCARTT	1/9/01	1/11/01	certificate	Biotechnology (DNA finger print)

Languages

Language	Mother Tongue	Read	Write	Speak	Understand
Arabic	Yes	Easily	Easily	Easily	Easily
English	No	Easily	Easily	Easily	Easily

References

Name	Occupation or Business	Telephone Number	Country	Email Address
Dr. Mahmud Duwayri	Professor of Plant Breeding / The University of Jordan	(00962)6-5355000	Jordan	duwayri@ju.edu.jo
Dr. Hassan Abu-Qaoud	AN-Najah National University	(00972)9 9721072	West Bank	hassan@najah.edu
Dr. Mahmud Kasrawi	Professor of Plant Breeding / The University of Jordan	(00962)6-5355000	Jordan	Kasrawi@ju.edu.jo
Dr. Muhanad W. Akash	Associate Professor of Plant Breeding / The University of Jordan	(962)796 955958	Jordan	makash@ju.edu.jo