

Curriculum Vitae

Name (First, Father, Family): Sharaf Musa Al-Tardeh

Date of birth : Sep. 20th 1977

Place of Birth : Hebron, Westbank

Nationality : Jordanian

Marital Status : Married

Kids : 2



Corresponding Address : Faculty of Science and Technology / Faculty of Agriculture, Hebron University, P.O. Box. 40, Hebron, West Bank.

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Education:

1. Ph.D. in Biology, (Oct. 2003-Dec. 2008):

Specific Title: **Plant Anatomy and Physiology**

Rating: **Excellent**

Doctoral Work: Department of Botany, School of Biology, Faculty of Science, Aristotle University of Thessaloniki, Greece.

Thesis Title:

Morphological and Anatomical **Adaptations** of the Perennial Geophyte *Urginea maritima* (L.) Baker (Liliaceae) **to the Mediterranean Climate.**

Available online at: <http://cds.lib.auth.gr/submit/archive/Griza/gri-2009-2253.pdf>

2. Master of Science (M.Sc.) in Nutrition and Food Technology (Oct. 2001-Sep.2002)

Specific Title: **Food Quality Management**

Rating : **(90%) Excellent**

Mediterranean Agronomic Institute of Chania (MAICH), A constitute

Institute of the International Center of Advanced Mediterranean
Agronomic Studies (CIHEAM)

Thesis Title:

Olive Leaf Extract: Optimization of the Extraction, Antioxidant Activity,
Oleuropein Content

Available online at:

[http://grande.nal.usda.gov/ibids/index.php?mode2=detail&origin=ibids_refere
nces&throw=795396](http://grande.nal.usda.gov/ibids/index.php?mode2=detail&origin=ibids_refere
nces&throw=795396)

**3. Diploma of Specialized Postgraduate Studies (DSPU) in Nutrition and Food
Technology (October, 2000 - July, 2001)**

Specific Title: Food Quality Management

Average: **15.4** out of 20.

Rating : **Very good.**

Department of **Food Quality Management**

Mediterranean Agronomic Institute of Chania (MAICh). A constituent
Institute of the International Center of Advanced Mediterranean
Agronomic Studies (CIHEAM).

4. Bachelor of Science, Major in Biological Sciences.

(September 1996-February, 2000)

Cumulative average: **73.1%**, Rating: **Good**

Department of Biological Sciences.

Faculty of Sciences

Yarmouk University

Irbid, Jordan

5. General Certificate Examination (1996).

Scientific Stream, Average: 84.4%,

Al-Huseen Ibn Ali Sec. School, Hebron, Palestine.

6. Training Courses:

A. Intensive Course in Computer Programs

(June 26th, 1999 to September 5th, 1999):

Dos 6.22, Windows 98, Excel 97, Word 97 and Power Point. Al-Najar
Cultural Center, Irbid, Jordan.

B. Intensive Course in Internet (December 10th -25th, 1999)

Sara International Cultural Center, Irbid, Jordan.

7. Special Advanced Courses:

December 14th - 18th 2009. The Course Entitled: “STRESS PHYSIOLOGY” HOB 520.6 of Unit II (Introduction to Advanced Biology) in Departments of Horticultural Genetics and Biotechnology at Mediterranean Agronomic Institute of Chania (MAICh), P.O. Box 85, 73100 Chania, Crete – Greece. The Course was **funded by UNESCO** Biotechnology Educational and Research Center, Bethlehem University, Bethlehem, P.O. Box. 9. West Bank, Palestine.

Research Experience:

- 1. May, 2009 up August 31st 2010: Researcher** at the UNESCO Biotechnology Educational and Research Center, Bethlehem University, Bethlehem, P.O. Box. 9. West Bank, Palestine.

Research Projects :

1. Anatomical and Morphological Changes in Response to Salt Stress in Tomato Plants.
 2. Studying the Movement Mechanisms of *Clavibacter michiganensis* subsp. *michiganensis* Inside the Vascular Tissues of Tomato Plants.
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- 2. Research Work on Water Quality Control (November, 2007- April, 2008)** at the Scientific Research Unit of the **Aristotle** University of Thessaloniki, Department of Marine Biology.

Teaching Experiences:

- 1. June, 2010- up-to-date:**

Part Time (with full load) Instructure at **Hebron University**,
Department of Department of **Nutrition and Food Technology (Agriculture)**
and **Biology**. Hebron University, P.O.Box. 40, Hebron, West Bank, Palestine
Tel.: +972 2 22 209 95

Taught Courses: Food Microbiology, Food Microbiology Lab, Food Plant Management, Principles of Food Sciences, People, Food and Environment, Food Packaging, Food additives. General biology I, General biology (I) Lab, General Biology II, General Biology II Lab, Ecology, Ecology Lab, Microbiology Lab, Introduction to Biology, Microtechniques and Special topics (2).

2. January-June, 2010:

Part Time Teacher at **Bethlehem University**, Department of Biology.

The Course (4 credit) Title: *Plant Anatomy and Systematic*.

Bethlehem University, P.O. Box. 9, Bethlehem, West Bank, Palestine

Telefax : + 972 2 27 654 04 / +972 2 27 444 40

3. January- July, 2003:

- Secondary School Teacher of General Sciences, Sciences of Health and Environment, Al-Shariya Sec. School for Boys, Hebron, Palestine.

4. March 1st – August 31st , 2002:

- Research and Teaching Assistant. Laboratory of Chemistry, Biotechnology and Natural Products, MAICh, Chania, Crete, Greece.

5. September-November 2003:

- Secondary School Teacher of Biology at Saiedna Ibraheem Secondary School, Hebron, Palestine.

6. September, 2001:

- Secondary School Teacher of Biology at Nouba Secondary School, Nouba, Hebron, Palestine.

7. September – October, 2000:

- Secondary School Teacher of Biology at Al-Rashedeen Secondary School, Hebron, Palestine.

8. September, 2005 - June, 2007:

- Teaching the Arabic Language for non Arabic Speakers (Foringers) at Greek-Arabic Center for Civilization and Culture, Thessaloniki, Greece.

Supervisory Experiences:

1. Sep. –December, 2012.

I Supervised an Undergraduate Student (Raed Qaimary) for her **Senior Seminar** at Hebron University, Department of **Nutrition and Food Technology**.

Title: Effects of Sodium Nitrite on Meat technology from quality and safety point of view.

Presented on December 4th 2012.

2. Sept. - December, 2011.

I Supervised an Undergraduate Student (Nida Amro) for her **Senior Seminar** at Hebron University, Department of **Nutrition and Food Technology**.

Title: Implimentation of ISO 22000 System on Hebron University Resturant.

Presented on November 24th 2011.

3. August - December, 2010.

I Supervised an Undergraduate Student (Bashar Al-Trash) for his **Senior Seminar** at Hebron University, Department of **Nutrition and Food Technology**.

Title: Implimentation of HACCP System on Local Dairy Product (Labaneh).

Presented on December 9th 2010.

4. June - November, 2009.

I Supervised an Undergraduate Student (Dina Hamamra) for her **Senior Seminar** (practical part) at Bethlehem University, Department of Biology, UNESCO Center.

Title: Effect of Salinity on Seed Germination and Development of Seedlings of two Palestinian Cultivars of Tomato.

Presented on November 11th 2009.

Research Interests:

1. Extraction of Natural Antioxidant and Determine their Activity.
2. Food Quality Control of the Local Food Products

3. Plant Stress Physiology and development, particularly studying the fine structure-function relationship and its response to biotic and abiotic stress conditions.
4. Plant Biotechnology, particularly improvement of plant resistance to salt, drought stress.

Scholarships and Loans:

1. Loans during the period 2006 - 2008:

From the Arab Student Aid International (ASAI) Dublin, USA.

Two Complementary Loans; one During the Year 2006/2007 and Another one in 2008 to Complete the Financial Support to my Ph.D. Study Program.

2. Scholarships During the Period 2000 - Dec. 2007:

- i. A **scholarship** from Special Programmes for International **Scholarships** (IKY) for Postgraduate/Doctoral Studies, Athens, Greece, During the Period: 2004-2007.
- ii. A **scholarship** from CIHEAM to Study Master Degree in Science, at Department of Food Quality Management, Mediterranean Agronomic Institute of Chania (MAICh), Crete, Greece, during the period; Oct. 2001 - Dec. 2002.
- iii. A **Scholarship** from CIHEAM to Enrolled in Program for Diploma in Food Quality Management, Department of Food Quality Management, Mediterranean Agronomic Institute of Chania (MAICh), Crete, Greecemduring the period; Oct. 2000 - Jul. 2001.

Conferences:

1. (October, 20th, 2012):

The Third Conference of Biotechnology Research and Applications. Jerosalem, Palestine. The Poster entitled: Morphological and Anatomical Responses of two Palestinian Tomato (*Solanum lycopersicon*) Cultivars to Salinity During the Seed Germination and the Early Growth Stages. (**Al-Tardeh S**, and Iraki N).

2. (October, 4th -8th, 2009):

6th International Conference on Instrumental Methods of Analysis-Modern Trends and Applications (IMA 2009). Athens, Greece. The Poster entitled: Antioxidant Activity of Olive Leaf Extracts and Thermal Stability of Oleuropein in Aqueous Acidic Media. (Xhufi A, **Al-Tardeh S**, Kefalas P, Biliaderis CG).

3. (June, 20th -26th, 2006):

IV Balkan Botanical Congress: Plant, fungal and habitats diversity investigation and conservation. Bulgarian Academy of Sciences Institute of Botany. Sofia, Bulgaria. The Poster entitled: Morpho-anatomical Features of the Hysteranthous Leaves of the Mediterranean geophyte *Urginea maritima* (L.) Baker. Proceedings, pp:116. (**Al-Tardeh S.**, Sawidis T., Diannelidis B.-E., and Delivopoulos S.)

4. (May. 5th-8th. 2005):

The 10th Greek Scientific Congress of the Hellenic Botanical Society. University of Ioannina, Ioannina, Greece. I participated with a poster entitled: The Adventitious Root Anatomy of *Urginea maritima*. (**Al-Tardeh S.**, Sawidis T., Diannelidis B.-E., and Delivopoulos S.)

Workshops:

1. Novemer 5th, 2012.

Workshop Entitled: “The Role of Nutrition in Disease Prevention”.

Held at Hebron University.

Organizer: Facult of Agriculture, Department of Nutrition and Food Technology.

2. 28-29 June 2012:

Workshop Entitled: “First Workshop on Improving Botany Teaching in Palestine”. ***Held at Bethlehem University.***

Organizers: The UNESCO Biotechnology Educational and Research Center (UNESCO BERCEN)

In collaboration with: The Center for Excellence in Teaching and Learning (CETL)

3. 19-20 March, 2010:

Workshop Entitled: “Horticultural Productivity in Palestine: Current Status and Future Challenges in Education, outreach, and Applied Research”. Held at Bethlehem University.

Co-sponsored by: The UNESCO Biotechnology Educational and Research Center, At Bethlehem University and The Department of Horticulture and Landscape Architecture at Purdue University.

Books:

Author for the book entitled: “**Ecology: Laboratory manual**”. Fall 2012.

Publications:

In Peer-reviewed International Journals.

1. **Sharaf Al-Tardeh**, Thomas Sawidis, Barbara-Evelin Diannelidis and Stylianos Delivopoulos (2008). Nectary structure and nectar presentation in the Mediterranean geophyte, *Urginea maritima* (Hyacinthaceae). Canadian Journal of Botany, **86**: 1194 -1204.
2. **Sharaf Al-Tardeh**, Thomas Sawidis, Barbara-Evelin Diannelidis and Stylianos Delivopoulos (2008). Water Content and Reserve Allocation Patterns Within the Bulb of the Perennial Geophyte Red Squill (Liliaceae) in Relation to the Mediterranean Climate. Canadian Journal of Botany, **86**: 291-299.
3. **Sharaf Al-Tardeh**, Thomas Sawidis, Barbara-Evelin Diannelidis and Stylianos Delivopoulos (2008). Morpho-anatomical features of the leaves of the Mediterranean geophyte *Urginea maritima* (L.) Baker (Liliaceae). Journal of Plant Biology, **51**: 150-158.
4. **Sharaf Al-Tardeh**, Thomas Sawidis, Barbara-Evelin Diannelidis and Stylianos Delivopoulos (2006). Anatomical Studies on the Adventitious Roots of the Geophyte *Urginea maritima* (L.) Baker. Journal of Biological Research, **5**: 61-70.

5. **Sharaf Al-TARDEH** and Naim IRAKI. Morphological and Anatomical responses of two Palestinian tomato (*Solanum lycopersicon*) cultivars to salinity during the seed germination and the early growth stages. Submitted for buplication at Jornal of Biological Research.

Computing knowledge:

1. Microsoft Office Programs.
2. Photoshop.
3. Power Point.
4. Other Programs Such as Corel and Autocad.
5. Internet.

Languages:

1. Arabic (Native).
 2. Greek (Fluently, Spoken and Written).
 3. English (Fluently, Spoken and Written).
- TOEFL and TWE Scores are 583 and 4, Respectively.

Hobbies:

1. Reading ,Writing, **Teaching** and Communications.
2. Computer and Internet.
3. Sports (Beng Bong, Swimming) and Traveling Abroad.
4. Driving (I have Driving Licenses).

List of Aknowledgments:

1. Certificate for the Succesfull in the University Activites., 1999-2000.
Yarmouk Univerist, Jordan.
2. Certificate from the Club of Arabic and Foringer Students at Yarmouk University, for National Exhibition During the Year 1999.
3. Certificate from Greek-Arabic Center of Civilization and Culture for the Obvious Rule in Public Relation and Services.

References:

1- Dr Naim Iraki.

Associate Professor, Department of Biology, Bethlehem University.

The Chairman of UNESCO Biotechnology Research Centre, Bethlehem University,

Correspondence address: UNESCO Biotechnology Research Centre, Bethlehem University, Department of Biology, Faculty of Sciences, Bethlehem, P.O. Box. 9

West Bank, Palestine.

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Tel. : + 972 2 27 412 42, ext. 2224.

E-mail: niraki@bethlehem.edu.

2- Dr. Delivopoulos Stylianos

Professor, Department of Botany, Aristotle University of Thessaloniki, the Supervisor of my Ph.D. Thesis.

Correspondence address: Aristotle University of Thessaloniki, Faculty of Sciences, School of Biology, Department of Botany, Thessaloniki 541 24, Greece.

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E-mail: delivopo@bio.auth.gr

3- Ass. Prof. Thomas Sawidis

Associate Professor, Department of Botany, Aristotle University of Thessaloniki, the Co-supervisor of my Ph.D. Thesis.

Correspondence address: Aristotle University of Thessaloniki, Faculty of Sciences, School of Biology, Department of Botany, Thessaloniki 541 24.

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E-mail: sawidis@bio.auth.gr

4- Ass. Prof. Kefalas Panos.

Studies Coordinator, Department of Food Quality Management at MAICh,
Head of the Chemistry Laboratory of Natural Products and Analytical Chemistry,
the Supervisor of my Master Thesis.

Correspondence address: MAICh, P.O. Box: 85, GR 73 100, Chania, Crete, Greece.

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5- Ass. Prof. I. Arvanitoyannis

Professor, Department of Agriculture, Crop and Animal Production, School
of Technological Sciences, University of Thessalia, Fytoko Str. Nea Ionia
38446, Magnesia, Hellas (Greece).

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Should You Have Any Queries, Please Do not Hesitate to Contact me.