

# Mu'ad A. D. Al-Kiyyam

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- Personal Information**
- **Marital status: Married**
  - **Nationality: Jordanian**
  - **Date of Birth: 26/11/1978**

## Education

2016 – 2018: MSc. Degree in Information and Communication Technology in Education for Sustainable Development (ICT for ESD) from Frederick University/Cyprus under the entitled thesis: **“The Role of Information Communication Technology (ICT) for Sustainable Agricultural in Jordan”**. **Percent average 6,17 of 10**

2011-2016: PhD Degree in Horticulture and Field crops from University of Jordan under the entitled thesis: *In vitro* Alkaloids Production of Black Nightshade and Genetic valuation of Microshoots, Callus and Cell Suspension . **Percent average 3.69 Of 4.**

2000 - 2004: \* MSc. Degree in Agronomy from Jordan University of Science and Technology (JUST) under the entitled thesis: The effect of plant densities and N fertilizer rate on Marjoram (*Origanum syriacum*) yields under open field conditions. **Percent average 85.4 %**

1996-2000: Bsc. Degree in plant production from Jordan University of Science and Technology (JUST) , **percent average 78.9 % (ranking: Fifth)**

\*General secondary education ( high school) in Taibeh-Irbid (1996), **percent average 84.9 %**

## Experience:

- Head of plant production and protection department: from 1/10/2019-31/8/2022.
- Associated professor in Faculty of Agriculture (**Jerash Private University /Jordan**) in the period **15/5/2022 - until now**

- Assistant professor in Faculty of Agriculture (**Jerash Private University /Jordan**) in the period **1/10/2016 - 14/5/2022**
- **Lecturer (Instructor)** in Faculty of Agriculture (**Jerash Private University /Jordan**) in the period **2/10/2005 to 30/9/2016**
- (**CLASSES TAUGHT**):, Ecology and Agriculture, Weeds and Their Control , Plant Genetics, Principles of Plant Production, Field Crop Production, and. In addition to plant, Practices (Training) level one and two.
- Working as site engineer and site manager at Water Reuse Pilot Project/**JUST**, funded by **USAID** managed by PA consultant (phase one) and CDM (phase two) in the period 1/1/2003 until 30/9/2005.
- **International Editorial Board** in Syrian Journal of Agricultural Research/ Syria since 2019

**Language**

- **Arabic (Mother tongue)**
- **English (good command)**

**Special skills**

- **Good communication and presentation skills**
- **Hard working team player**
- **Effective time management**
- **Working under pressure**

## **Training**

- Participating in the workshop "Organic **Pesticides**"12-15/1/2020, (Jerash university).
- **Expert** in Agricultural university education from Jordanian Agricultural Engineers Association (2018)
- Committee Member of Developing a MSc Programme in Climate Change , Sustainable Agriculture and Food Security (CCSAFS) " in Jerash University cooperating with EU and University of Crete/ Cyprus
- Participating in the workshop " External Stakeholders' on Climate Change, Sustainable Agriculture and Food Security (CCSAFS) Monday, April 17, 2017 (university of Jordan).
- Participating in the workshop " Developing a MSc Programme in Climate Change , Sustainable Agriculture and Food Security (CCSAFS) " in Jerash University cooperating with EU and University of Crete/ Cyprus, Kick-off Meeting and Regional Workshop (17-19 Febuary, Jordan)

- Participating in the Technology Transfer Program on Wastewater and Biosolids Reuse in Agriculture- Jordan 28/2/2007.
- Participating in the workshop “Recycling of Wastewater and Biosolids : Maximizing Benefits and Safety” in the National Center for Agriculture Research and Technology Transfer (NCARTT) during the period of June 7-10, 2004 for 24 hours.
- Participating in the workshop “Fertigation” in the Institute of agricultural Training and extension ( University of Jordan) during the period of April 20-21, 2009 .
- Participating in the workshop “Measurement and Evaluation” in the **Jerash Private University** during the period of January 4-6 2010
- Very good Experience in the open field working conditions (agricultural planning, planting and land preparation).
- Very good Experience in greenhouse culture ( protected culture)
- Very good Experience in Field crops and Forage crops cultivation.
- Teacher assistant in **JUST** labs of :  
Entomology for one season  
Field crops for two seasons  
Plant science for three seasons

## Publications:

1. **Al-Kiyam Muad** and Mohammad Al-Tarawneh (2022) .Adoption of the Use of Organic Fertilizers in Vegetable Farms in Central Jordan. Jordan Journal of Agricultural Science. 17(4):471-479.
2. **Al-Kiyam Muad**, Mohammad Alnaeem and Mohammad Al-Tarawneh. (2022).The Level of Application of Sustainable Agricultural Practices in Date Palms Production in Jordan Valley. Syrian Journal of Agricultural Research – SJAR 9(2): 140-152
3. Siny, yahia, Mohammad Al-Tarawneh and **Muad Al-Kiyam** (2022) Economic and Environmental Indicators of Sustainable Production in Smart Farms in Jordan. Jordan Journal of Agricultural Science. 18(2):169-182.
4. Manal Othman, Duaa Hems, Nahla Mahmoud, Entesar Hasan, Thamer Haneesh, **Muad Al- Kiyam** and Mohammad Ali. (2020). The Effect of Plant Density on the Morphological and Production Traits of Some Quina (*Cheopodium quina* wild) Varieties. Syrian Journal of Agricultural Research, 7(3):171-183.
5. **Al-Kiyam Muad**, Tahtamouni R., Shibli R. (2019). Manipulating Some Culturing Conditions Enhancing Production of Solanine in Microshoots, callus and Cell Suspension Culture of Solanine nigrum L. A wild Medicinal Plant. Journal of Agricultural and Marine Science, 24(1):22-38. ( **Has Been Awarded the Best Paper**

Award for the Research Paper for 2019/2020 at the College of Agricultural and Marine Sciences, Sultan Qaboos University, Al-Khod, Muscat-Sultanate of Oman)

6. Samer A. Azzam, Jamal Ayada and **Muad A. Kiyam** (2018). Influence of the Inoculation of Some Indigenous Rhizosphere Bacteria Isolate on Growth and nutrient Uptake of Sour Orange (*Citrus aurantium* L.) Seedlings. *Alutroha*, 10(3):9-36
7. Tahtamouni R., Shibli R. and **Muad Al- Kiyam** (2017) *In Vitro* Propagation, Direct Regeneration and Acclimatization of *Solanum villosum* (L.) Mill.: A Promising Medicinal Plant That Grows Wild in Jordan. *Jordan Journal of Agricultural Sciences*,13(1):65-78
8. **Muad Al- Kiyam**, ABDEL RAHMAN AL-TAWAHA, MUNIR TURK, MOHSEN AL-MAHMOUD (2008) . Effect of Plant Density and Nitrogen Rate on Essential Oil of Marjoram under Mediterranean conditions. *Pakistan Journal of Scientific and Industrial Research*
9. **Muad Al- Kiyam**, MUNIR TURK, MOHSEN AL-MAHMOUD, ABDEL RAHMAN AL-TAWAHA, 2008. Effect of Plant Density and Nitrogen Rate on Herbage yield of Marjoram under Mediterranean conditions. *American-Eurasian Journal of Agricultural and Environmental Sci.*