

## CURRICULUM VITAE (C.V)

---

### **Monther Faek Al-Sboul**

monther\_ph@yahoo.com  
monther.f.a.alsboul@ahu.edu.jo  
Tel: +962 3 2179000 Ext. (7364)

#### **PERSONAL DATA**

**Nationality:** Jordanian  
**Gender:** male  
**Marital status:** Married  
**Date of birth:** Nov./14/1984  
**Place of Birth:** Tafila / Jordan



#### **EDUCATION**

- **Last University Degree:** Master Degree in General Physics.  
**University:** Mutah University /Jordan.  
**Dissertation Title:** The Empirical Relations, Thermal Gradients and Concentration Increments of the Physical Characteristics of Aqueous Honey Solutions and Aqueous Glucose – Insulin Mixtures.  
**GPA:** Excellent [84.88%], 1<sup>st</sup> of the class.  
**Graduation Year:** 2015.
- **First University Degree:** Bachelor Degree in Physics.  
**University:** Mutah University / Jordan.  
**GPA:** Acceptable.  
**Graduation Year:** 2006.
- **Secondary Education Exam:** Ministry of Education /Tafila High School /Jordan.  
**GPA:** Very Good [79.3%].  
**Graduation Year:** 2002.

#### **WORK EXPERIENCE**

- **Current Job:**  
Lecturer, Physics Department, AL-Hussein bin Talal University [AHU] / Ma'an-Jordan.

**- Previous Job:**

Physics Lab Supervisor

- Total years of experience : 5
- Employee : AL-Hussein bin Talal University [AHU]
- Period : 2010 - 2015

Physics Teacher

- Total years of experience : 5
- Employee : Ministry of Education
- Period : 2006 - 2010

**COURSES TAUGHT:**

Able to Teach the Following:

- General Physics 1.
- General Physics 2.
- Introduction of Astronomy.
- General Physics 1 Laboratory.
- General Physics 2 Laboratory.
- Optics Laboratory.
- Intermediate physics Laboratory.

**KEY SKILLS & TECHNOLOGIES**

**- COMPUTER SKILLS**

Operating Systems: Windows7, Windows 10, Windows server2003. Microsoft Office.  
Quantum computation packages: Gaussian.  
International Computer Driving License Certificate (ICDL).  
Intel® Certificate.

**- Experience Instruments Included:**

Tensile Machine  
Impact Machine  
Raman spectroscopy  
Polarized Light Microscopy  
Atomic Force Microscopy (AFM)  
Thermal Conductivity Instruments  
Thermal Gravimetric Analysis (TGA)  
Dynamic Mechanical Analysis (DMA)  
Scanning Electron Micrograph (SEM)

Differential Scanning Calorimeter (DSC)  
Transmission Electron Microscope (TEM)  
Fourier Transform Infrared Spectroscopy (FTIR)  
Internal Mixer, Extruder Mixer and Injection Moulding

- Excellent research skills.
- Able to plan research and organize tasks effectively.
- Strong brain storming problem solving independently.
- Good team player.
- Mother tongue Arabic, Excellent in English including speaking writing and reading.

**Area of Research:**

- Material science
- Renewable energy (solar cells)
- Radiation Physics
- Optical Physics

**Publications:**

- M. Q. Owaidat, Monther Alsboul, Ahmed. A. Qwasmeh, Almaasfeh Sultan Abdelmajid, "Two-point resistance on hypercubic lattices with second nearest neighbor resistors", Advances in Physics Theories and Applications, Vol.74, 2018.
- Mohammed Al-Tweissi, Mou'ad A. Tarawneh, M.Q. Owaidat, Monther Alsboul, "Optical Characterization of Thin Films Poly (Ethylene Oxide) Doped with Cesium Iodide", Journal of Nano- and Electronic Physics, Vol.10No5, 05016(4pp) 2018.

**REFERENCES:**

1. Dr. Ahmad. M. A. Al Rub  
Associate Professor  
Department of Physics  
Al Hussein Bin Talal University  
Mobile: +962-796500368  
+962-786086604  
Email: Abuqais98@yahoo.com  
AhmadAlrub@ahu.edu.jo
2. Dr. Sherin Abedalkader  
Saraireh Associate Professor  
Department of Physics  
Al Hussein Bin Talal University  
Mobile: +962 -795543830  
Email: Sh2002jo@yahoo.com

