







<b>PERSONAL INFORMATION</b>		<b>OMAR ABDALLAH ALI AI-BANAWI</b>	
	 Dep. of Physics, Faculty of Science <a href="#">Al-Hussein Bin Talal University</a> , Ma'an, P. O. Box 20, 71111 <a href="#">Jordan</a>		
	 +962-3-2179000  +962-798187746 or +962-799313839		
	 Omar_banawi@ahu.edu.jo, <a href="mailto:oabph@yahoo.com">oabph@yahoo.com</a>		
	 <a href="#">State personal website(s)</a>		
	<b>Sex</b> male   <b>Date of birth</b> 31/08/1984   <b>Nationality</b> Jordanian		

**WORK EXPERIENCE**

Position	Institute	From	to
Instructor	Department of physics/ Al-Hussein Bin Talal University/ Jordan	16 Oct. 2012	Date
Full time lecturer	Department of physics/ Al-Hussein Bin Talal University/ Jordan	17 <sup>th</sup> Sep. 2009	16 Oct. 2012
Teacher	Secondary and elementary Schools (Ministry of Education/ Jordan)	25 Sep. 2005	17 Sep. 2009

**EDUCATION AND TRAINING**

Degree	Institute and its address	Specialization	Cumulative Average	Period of study	Date of graduation	Notes
Secondary Education	Prince Hassan Secondary School, Al-Maraj, Karak, Jordan	Scientific Stream	78.7%	2 years	July 2002	
B.Sc.	<a href="#">Mutah University</a> Karak, Jordan	Physics	77.93%	3years	20 Sep.2005	Fourth Rank
M.Sc.	<a href="#">Mutah University</a> Karak, Jordan	Physics	80.82%	3 years	25 June 2009	

**PERSONAL SKILLS**

<b>Mother tongue(s)</b>	Arabic				
<b>Other language(s)</b>	<b>UNDERSTANDING</b>		<b>SPEAKING</b>		<b>WRITING</b>
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B2	B1	B2
Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages					

<b>Communication skills</b>	<ul style="list-style-type: none"> <li>• Working in a team.</li> <li>• Work under pressure.</li> </ul>
-----------------------------	--

<b>Computer skills</b>	<ul style="list-style-type: none"> <li>• Net-Works connections.</li> <li>• Excellent use of Computer Skills and the Internet\ Cambridge certificate in using computer.</li> </ul>
------------------------	---

<b>Other skills</b>	<p>Astronomical Camps:</p> <ul style="list-style-type: none"> <li>• Venus transit observation, Al-Hussein Bin Talal University (AHU),Ma'an –Jordan, June 2012.</li> <li>• Solar eclipse observation,(AHU), 4 January 2011.</li> <li>• Observing the sky, Al-Hussein Bin Talal University (AHU),24 March 2009.</li> </ul>
---------------------	--

<b>Driving licence</b>	<ul style="list-style-type: none"> <li>• B (All kinds of private cars)</li> </ul>
------------------------	---

**ADDITIONAL INFORMATION**

**Scientific and research interests:**

- Light curves of eclipsing X-ray binary stars.
- Carbon Nanotubes.
- Nanotechnology and Nanomaterial.
- Plasma Physics.
- Nuclear Physics.
- Quantum Mechanics.
- High Energy.
- Thermodynamics.

**Courses I taught:**

- Introduction to Astronomy (Phys.100)
- General Physics I (Phys. 101)
- General Physics II(Phys. 102)
- General Physics lab I (Phys. 103)
- General Physics lab II (Phys. 104)
- General Physics for Computer students (Phys 106)
- General Physics for Computer students lab (Phys 107)
- Seminar and Search (Phys 481)

**Membership of professional organizations:**

- The Jordanian Physics Society since 2008.
- The Jordanian Astronomical Society since 2010.

**Teaching goals and philosophy:**

- To plant love of science and scientific research in the minds of the students.
- To create a contact circle between the teacher and the student.
- To transfer all of my experience and knowledge to my students.

**References:**

- |   |
|---|
| <p>1. <b>Prof. Dr. Mashhoor Al-Wardat</b>,<br/>Dean, Faculty of Science, Al-Hussein Bin Talal University, P.O. Box ( 20 ), Ma'an, 71111,<br/>Jordan Tel: + 962 - 3 - 2179000<br/>Fax: + 962 - 3 - 2179050<br/>E-mail: <a href="mailto:mwardat@ahu.edu.jo">mwardat@ahu.edu.jo</a> , <a href="mailto:mwardat@yahoo.com">mwardat@yahoo.com</a></p> |
| <p>2. <b>Prof. Dr. Hussain Rashed Omari</b><br/>Professor at Physics Department, Mu'tah University<br/><br/>Tel.:(962-3) 2372380/ Ext: 4181; 6041; 6042 Tel. :(962-6) 5151748 Mobile: (962) 795507497<br/><br/>E-mail: rashed@mutah.edu.jo, hussainomari2000@yahoo.com</p>  |
| <p>3. <b>Prof. Mohammad Amin Abbadi</b><br/>Professor at Physics Department, Mu'tah<br/>University Tel.:(962-3) 2372380<br/>e-mail: maabbadi@mutah.edu.jo</p>   |
| <p>4. <b>Prof. Dr. Mansour Al-Haj</b><br/>Professor at Physics Department, Mu'tah University<br/>Tel:+962-3- 2372380 Fax.: +962-3-2375540 Mobile: 962-795010904<br/>E-mail: <a href="mailto:mansour@MUTAH.EDU.JO">mansour@MUTAH.EDU.JO</a></p>  |

**Conferences and Workshops (Most recent to least recent):**

- **12th SESAME Users Meeting**, 26-27 November 2014, Days Inn Amman Hotel , Amman - Jordan.
- **Third Middle-East and Africa IAU Regional Meeting (MEARIM III)** , 1- 6 September 2014 , Crown Plaza Hotel , Beirut , -Lebanon .
- **Building International Networks for Enhancement of Research in Jordan**; 3-5 April 2014, Princess Sumaya University for Technology (PSUT), Amman- Jordan.
- **6<sup>th</sup> Islamic Astronomy**, 18 -21, March 2014, the World Islamic Science & Education University, Amman-Jordan.
- **2<sup>nd</sup> International Conference on Materials in Jordan**; 9-11 April 2011, Princess Sumaya University for Technology (PSUT), Amman- Jordan.
- **5<sup>th</sup> Islamic Astronomy**, 22 -24, March 2011, the World Islamic Science & Education University, Amman-Jordan.
- **4<sup>th</sup> Arab Confluence of Astronomy Amateurs and Space Science**, 1- 4 August 2010, Kaferjanah - Halab / Syria .
- **2<sup>nd</sup> Lebanese Summer School on Astronomy, Spectroscopy in Astrophysics**, 23-30 July 2010, Notre Dame University-  
Louaize / Lebanon.
- **Workshop on Materials in Jordan**, 10-11 April 2010, Princess Sumaya University for Technology (PSUT), Amman, Jordan.
- **The International Conference on Materials in Jordan**; 4-6 March 2009, Princess Sumaya University for Technology (PSUT), Amman-Jordan.

**List of publications (Most recent to least recent):**

- 1- O. Al-Banawi, **The Eclipsing X-Ray Binary System Centaurus X-3**, *Advances in Natural and Applied Sciences*, 4(2): 205-209, 2010.
- 2- M. A. Al-Wardat, H. Al-Naimiy, A. Taani, A. Khasawneh, O. Al-Banawi, H. S. Widyan, **Modified physical and geometric parameters of the eclipsing X-ray binary system Centaurus X-3**, *Astrophysical Bulletin* , Volume 69: (3), 325-329, 2014.
- 3- Mou'ad. A. Tarawneh, L. J. YU, Related, Musab A. Tarawni, Sahrim Hj. Ahmad, O. Al-Banawi, Mohammad A. Batiha, **High performance thermoplastic elastomer (TPE) nanocomposite based on graphene nanoplates (GNPs)**, *World Journal of Engineering*, 12(5):437-442, 2015.
- 4- Mou'ad A. Tarawneh \*, Sahrim Haji Ahmad, Ibrahim N. Hassan, Ruey Shan Chen, O. Al-Banawi, **Characterizations and Morphology of MWCNTs-SiC Nanoparticles Reinforced PLA/NR/LENR Composites**, *Advanced Materials Research*, 1107: 108-112 ,2015.