



Dr. Mohammed .K. Tweissi

CURRICULUM VITAE

Mohammed Khalil Al-Tweissi

PERSONAL

<i>Place of Birth</i>	Jordan
<i>Date of Birth</i>	October 1, 1977
<i>Marital Status</i>	Married
<i>Nationality</i>	Jordanian
<i>Work Address</i>	Department of Physics, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan. Phone: +962-3-2179000 Ext.: 6309, E-mail: Mohammed.K.Tweissi@ahu.edu.jo
<i>Academic Rank (date)</i>	Associate Professor (2020)
<i>Permanent Address</i>	Wadi Mousa (Petra), Jordan. Cell Phone:+962-777914471, E-mail: mkt139@yahoo.com



ACADEMIC QUALIFICATIONS

2010 - 2015	Ph.D. , physics of material science, Jordan University, Jordan
2004 - 2007	M.Sc. , physics- material science, Mu'tah University, Karak, Jordan
1995 - 1999	B.Sc. , Physics ,Al- Yarmouk University ,Irbid ,Jordan

SPECIALTY

<i>General Specialization:</i>	Physics
<i>Specialization:</i>	physics of material science

CAREER HISTORY

2020 - Present	Associate Professor , Department of Physics, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan.
2015 - 2020	Assistant Professor , Department of Physics, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan.
2000 - 2015	Physics and general science teacher , Comprehensive Secondary School for Boys, Petra Directorate of Education, Ministry of Education



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ADMINISTRATIVE EXPERIENCE

Positions

2018 - Present Head of Physics Department, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan

Committees

2018 - Present Graduate Studies Committee, College of Science, Al-Hussein Bin Talal University

2017 -2020 Scientific Research and Promotion Committee, Physics Department ,Al-Hussein Bin Talal University

RESEARCH INTEREST

- Physical properties of composites
- Thin Films
- Composites preparation
- Polymers
- Superconductivity

PUBLICATIONS

Peer-reviewed journal articles

- Mou'ad Ahmad Tarawneh, Sherin Abdelkader Saraireh, Ruey Shan Chen, Sahrim Hj Ahmad, Musab Ahmad Mohammad Al-Tarawni, **Mohammed Al-Tweissi**, Lih Jiun Yu " Mechanical, thermal, and conductivity performances of novel thermoplastic natural rubber/graphene nanoplates/polyaniline composites". (2020). Journal of Applied Polymer Science. Vo.137, No.28 , 48873
- M. Q. Owaidat, A. A. Al-Badawi, J. H. Asad, **Mohammed Al-Tweissi** .(2018)." Two-Point Resistance on the Centered-Triangular Lattice", CHIN.PHYS.LETT Vol. 35, No. 2 020502.



- **Mohammed. Al-Tweissi**, I.O. Ayish , Y. AlRamadin , A.M. Zihlif , Z.M. Elimat, R.S. Al-Faleh. (2018) " Electrothermal and optical properties of hybrid polymer composites". J. Nano-Electron. Phys. 10 No 2, 02006
- **Mohammed Al-Tweissi**, Mou'ad A. Tarawneh, M.Q. Owaidat, Monther Als Boul. (2018) "Optical Characterization of Thin Films Poly (Ethylene Oxide) Doped with Cesium Iodide ", J. Nano- Electron. Phys. 10 No 5, 05016

TEACHING

Courses Taught-undergraduate

- General physics I,II
- General physics labs I,II
- Modern physics
- Vibrations and Waves
- Quantum Mechanics I,II
- Meteorology
- Heat and Waves
- Mathematical Physics I,II

Courses Taught-postgraduate

- Quantum Mechanics.

SKILLS

Languages

- Arabic (native)
- English (excellent)

Computer Programs

- Excellent in computer applications e.g. windows, Microsoft office and another computer software programs in addition email and Internet skill.
- ICDL
- INTEL