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 Position: Professor
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Education

<i>Dates</i> 2008	Doctor of Philosophy , Materials Physics, University of Jordan, Amman, Jordan <ul style="list-style-type: none"> •Thermal and electrical studies of $\text{Se}_{90}\text{In}_{10-x}\text{Sn}_x$ ($x = 2, 4, 6$ and 8) chalcogenide glasses.
<i>Dates</i> 1991	Master of Science , Nuclear Physics, University of Jordan, Amman, Jordan <ul style="list-style-type: none"> •Resonance gamma ray absorption in ^{208}Pb using the nuclear reaction $^{13}\text{C} (p, \gamma) ^{14}\text{N}$.
<i>Dates</i> 1989	Bachelor of Science , Physics, University of Jordan, Amman, Jordan

Research Experience

<i>Dates</i> 1989-1991	M.Sc. student, Training and working on Van de-Graff Accelerator (JUVA), t University of Jordan, Amman, Jordan
<i>Dates</i> 2008 - Now	Professor, Training and working on Material Physics Laboratory, Al-Balqa Applied University, Al-Salt, Jordan

Teaching Experience

1988-1991	Physics Laboratory Instructor, University of Jordan, Amman, Jordan.
1992- 1996	Physics Teacher, Ministry of High Education, Amman, Jordan.
1996- 2002	Physics Teacher, Ministry of Education/ Saudi Arabia.
2002 -2008	Instructor, Al-Balqa Applied University, Al-Salt, Jordan.
24/3/2008 – 7/5/2012	Assistant Prof., Al-Balqa Applied University, Al-Salt, Jordan.
8/5/2012– 19/9/2017	Associated Prof., Al-Balqa Applied University, Al-Salt, Jordan.
20/9/2017 – present	Professor, Al-Balqa Applied University, Al-Salt, Jordan.



Awards and Special Achievements:

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Academic Memberships:

11/9/2011 - 7/9/2013	Head of Department of Physics, Faculty of Science, Al-Balqa Applied University
8/9/2013 - 11/9/2014	Vice Dean, Faculty of Science, Al-Balqa Applied University
29/9/2016 - 12/9/2017	Vice Dean, Faculty of Science, Al-Balqa Applied University

Recent Publications

1	Correlation of some opto-electrical properties of Se-Te-Sn glassy semiconductors with the average single bond energy and the average electronegativity. Journal of Alloys and Compounds 660 (2016) 503 - 508. <u>Omar A. Lafi.</u>
2	WHAT ARE THE PARAMETERS THAT GLASS TRANSITION TEMPERATURE OF CHALCOGENIDE GLASSES DEPEND ON? AN OVERVIEW, Journal of Non-Oxide Glasses, Vol. 8, No. 1, 2016, p. 11 – 15. <u>Omar A. Lafi.</u>
3	Crystallization Behaviour of Se ₈₅ Cd ₈ Zn ₇ Chalcogenide Glass. Jordan Journal of Physics, Vol. 9, No. 2, 2016, p. 71 – 79. <u>Omar A. Lafi.</u>
4	PHYSICAL AGEING EFFECT IN Se ₇₅ Te ₂₀ In ₅ CHALCOGENIDE GLASS, CHALCOGENIDE LETTERS, Vol. 14, No. 5, May 2017, p. 203 – 209. M. M. A. IMRAN , <u>O. A. LAFI</u> , N. MEHTA, A. F. ALSHWABKEH, A. ALBQOOR
5	Effect of Sn content on some optical properties of Se ₉₀ Pb _{10-x} thin films, Optical Materials 100 (2020) 109672. Ebraheem O. Hawarat, Mousa M.A. Imran, <u>Omar A. Lafi</u> , Hassan K. Juwhari, Bashar I. Lahlouh, N. Chandel, N. Mehta.

Conferences/ Workshops/ Seminars:

1989	Participation in Laser Conference, University of Jordan, Amman, Jordan.
2002- <i>pesent</i>	Participation in SESAME workshops, Amman, Jordan.



Supervised Doctoral & Master Theses:

	Master
<i>January 2010</i>	M.Sc thesis / Co-Supervisor, Ibtahaj K. Katatbeh, "Thermal Studies on Selenium-Tellurium-Tin Semiconducting Glasses", Al-Balqa Applied University.
<i>January 2010</i>	M.Sc thesis / Co-Supervisor, , Samir N. Al-Bati "The effect of gamma irradiation on the electrical properties of Tin Selinide Semiconductor glass", Al-Balqa Applied University.
<i>March 2011</i>	M.Sc thesis / Supervisor, Nazem I. Abo-Shaweesh, "Transformations Kinetics in Selenium-Tellurium-Tin Chalcogenide Glasses", Al-Balqa Applied University.
<i>April 2011</i>	M.Sc thesis / Co-Supervisor, Faris M. Al-Kurdi, "Composition Dependence of Electrical Conductivity in Selenium-Tellurium-Tin Semiconducting Glasses", Al-Balqa Applied University.
<i>August 2020</i>	M.Sc thesis / Supervisor "Synthesis and Characterization of Perovskite Structure as a Luminescent Material", Asalah Nayef Almatar, Al-Balqa Applied University.
