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Education

<i>2006 - 2010</i>	Doctor of Philosophy Ph.D. in Chemistry (Bioorganic Chemistry), Freie Universität Berlin, Berlin, Germany. Title of the Dissertation: Synthesis of glycoconjugates by Staudinger reactions — Novel analogues of glycopeptides.
<i>2004 - 2006</i>	Master of Science M.Sc. in Chemistry, Freie Universität Berlin, Berlin, Germany. Title of the Dissertation: Crystal structure of a pharmaceutically active indole-chinazoline derivative at different temperatures and charge density determination of sucrose at 20 K
<i>1997 - 2001</i>	Bachelor of Science B.Sc. in Chemistry, Mu'tah University, Karak, Jordan.

Research Experience

<i>2019-Present</i>	Associate Professor of Bioorganic Chemistry, Department of Chemistry, Al-Balqa Applied University, Al-Salt, Jordan.
<i>2014-2019</i>	Full-time lecturer and Assistant Professor of Bioorganic Chemistry, Department of Chemistry, Al-Balqa Applied University, Al-Salt, Jordan.
<i>2011 - 2014</i>	Scientific Researcher, Royal Scientific Society, Amman, Jordan.

Teaching Experience

<i>2019-Present</i>	Associate Professor of Bioorganic Chemistry, Department of Chemistry,
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	Al-Balqa Applied University, Al-Salt, Jordan.
2014-2019	Full-time lecturer and Assistant Professor of Bioorganic Chemistry, Department of Chemistry, Al-Balqa Applied University, Al-Salt, Jordan.

Awards and Special Achievements:

2017	Research Excellence Award, Al Balqa Applied University, Jordan.
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Academic Memberships:

	<ul style="list-style-type: none"> - Member of European Peptide Society (EPS). - Member of American Chemical Society (ACS). - Member of Jordan Chemical Society (JCS). - Member of European Association for the Study of Diabetes (EASD). - Member of Jordanian National Committee for SESAME Synchrotron Users. - Licensed from Jordan Energy & Minerals Regulatory Commission to work in radiation field (The use of radioactive sources and chemical & mineral analysis by X-ray radiation; XRF & XRD).
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Recent Publications

1	Phenolics in Mediterranean and Middle East Important Fruits: Moawiya A. Haddad, Saeid Abu-Romman, Maher Obeidat, Candela Iommi, Jafar El-Qudah, <u>Da'san M. M. Jaradat</u> , <i>J. AOAC Int.</i> , 2020 , 103(4), 93-934.
2	Solid-Phase Synthesis and Antibacterial Activity of an Artificial Cyclic Peptide Containing Two Disulfide Bridges: <u>D. M. M. Jaradat</u> , K. K. Y. Saleh, B. H. M. Za'arir, T. Arafat, K. H. Alzoubi, S. A. Al-Taweel, E. Mallah, M. A. Haddad, B. A. K. Haimur, <i>Int. J. Pept. Res. Ther.</i> , 2019 , 25(3) 1095-1102.
3	Thirteen decades of peptide synthesis: key developments in solid phase peptide synthesis and amide bond formation utilized in peptide ligation: <u>Da'san M. M. Jaradat</u> , <i>Amino Acids</i> , 2018 , 50(1), 39-68.

Conferences/ Workshops/ Seminars:

2017	<ul style="list-style-type: none"> - 15th SESAME Users Meeting, Amman, Jordan. December. - TAIEX Workshop on GEANT, H2020 and European Synchrotron Sources,
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2017	Amman, Jordan. August.
2016	- 34 th European Peptide Symposium, Leipzig, Germany. September.
2016	- 6 th International Meeting on Antimicrobial Peptides, Leipzig, Germany. September.

Supervised Doctoral & Master Theses:

	Master
1	Principal supervisor of M.Sc thesis entitled " <i>Synthesis of Novel Biologically Active Heterocyclic Compounds</i> " by Mohammad Jamal Abunuwar in Applied Chemistry, Al-Balqa Applied University, Al-Salt, Jordan.
2	Principal supervisor of M.Sc thesis entitled " <i>Synthetic peptides as inhibitors for efflux pumps of multidrug-resistant bacteria</i> " by Abeer Ismail Mohammad Obeidat in Applied Chemistry, Al-Balqa Applied University, Al-Salt, Jordan.
3	Principal supervisor of M.Sc thesis entitled " <i>Synthetic Antidiabetic Peptides: Biomimetic Synthesis of Glucagon Like Peptide -1 (GLP-1)</i> " by Khalil Saleh in Applied Chemistry, Al-Balqa Applied University, Al-Salt, Jordan. Thesis defense on August 14 th , 2018.
4	Principal supervisor of M.Sc thesis entitled " <i>Biomimetic Synthesis of Some Naturally Occurring Antimicrobial Peptides</i> " by Basmah Za'arir in Applied Chemistry, Al-Balqa Applied University, Al-Salt, Jordan. Thesis defense on December 30 th , 2018.

Research Grants

2014 - 2018	Funded Project (148000 USA dollars) entitled " <i>Novel Approaches for the Treatment of Diabetes Mellitus and Infectious Diseases by Synthetic Antidiabetic and Antimicrobial Peptides</i> ", Principal Researcher: Da'san M. M. Jaradat, financially supported by Scientific Research Support Funds (SRSF), Ministry of Higher Education and Scientific Research, Jordan.
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