**Curriculum Vitae**

**Fuad Aref Ababneh**



June 2021

**Personal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Place of Birth*** | Jordan |
| ***Date of Birth*** | November 29, 1968 |
| ***Marital Status*** | Married |
| ***Nationality*** | Jordanian |
| ***Work Address*** | Department of Chemistry, College of Science, Al-Hussein Bin Talal University, Ma′an, Jordan. Phone: +962-3-2179000 Ext.:**6311**, E-mail: [ababnehf@ahu.edu.jo](mailto:ababnehf@ahu.edu.jo) |
| ***Academic Rank (date)*** | Associate Professor (2012) |
| ***Permanent Address*** | Irbid, Jordan. Cell Phone:+962-796556441, E-mail: ababneh89@yahoo.com |

**Academic Qualifications \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| 2001 - 2005 | **Ph.D.,**  Analytical Chemistry, University of Ottawa, Ottawa, Canada |
| 1991 - 1994 | **M.Sc.,**  Chemistry, Yarmouk University, Irbid, Jordan |
| 1986 - 1990 | **B.Sc.,**  Chemistry, Yarmouk University, Irbid, Jordan |

**Specialty \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***General Specialization:*** | Chemistry |
| ***Specialization :*** | Analytical Chemistry |

**Career History \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| August 2020 -Present | **Associate Professor,** Department of Chemistry**,** College of Science**,** Al-Hussein Bin Talal University, Ma'an, Jordan. |
| August 2013 – August 2020 | **Associate Professor**, Department of Chemistry**,** Faculty of Science**,** Al-Imam Mohammad Bin Saud Islamic university , Riyadh- Saudi Arabia |
| October 2012 - August 2013 | **Associate Professor,** Department of Chemistry**,** College of Science**,** Al-Hussein Bin Talal University, Ma'an, Jordan. |
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| August 2006 – October 2012 | **Assistant Professor,** Department of Chemistry**,** College of Science**,** Al-Hussein Bin Talal University, Ma'an, Jordan. |

**Administrative Experience \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| |  |  | | --- | --- | | ***Committees: N.A*** | | |  |  | |  |  | |  |  |   ***Positions : NA*** | |
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**HONORS, SCHOLARSHIPS, AWARDS AND GRANTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| 2001-2005 | Admission Scholarship and Excellence Scholarship Award- Faculty of Graduate and Postdoctoral Studies, Ottawa University, Ottawa, Canada |
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**Professional memberships and Services \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Membership(s)*** |
| * American Chemical Society, 1998-1999 * Canadian Chemical Society, 2004-2005 * Jordanian Chemical Society, 2011-2014 |

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| ***Service(s)*** |
| * Jordan journal of chemistry (reviewer) * Environmental Forensics (reviewer) * International journal of environmental analytical chemistry( reviewer) |

**Research Interest \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| * Speciation analysis of heavy metal ions in water, air, soil and food. * Applications of photo-catalyst in treating some environmental pollutants. * Determination of hazardous species (toxic metals and trace organic residues) in food stuff, pharmaceuticals and environmental species |

**Publications \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Peer-reviewed journal articles*** |
| * **Ababneh F**, Abu-Sbeih K. Analysis and health risk assessment of toxic elements in traditional herbal tea infusions. *Open Chemistry*. 2025;23(1): 20250134. <https://doi.org/10.1515/chem-2025-0134> * **Fuad A. Ababneh ”**Toxic elements in children's multivitamin-multimineral supplements and the health risks they pose**”** *Regulatory Toxicology and Pharmacology***, 2023, 141, article No. 105409,** [**https://doi.org/10.1016/j.yrtph.2023.105409**](https://doi.org/10.1016/j.yrtph.2023.105409) * **Fuad A. Ababneh**, Abbas I. Alakhras , Mohamed Heikal , and Sahar M. Ibrahim "Stabilization of lead bearing sludge by utilization in fly ash-slag based geopolymer**"** *Construction and Building Materials*, **2019, 227 Article No. 116694** <https://doi.org/10.1016/j.conbuildmat.2019.116694>, Publication date: 10/12/2019 * Mohamed Heikal, Hamdy A. Abdel-Gawwad , **Fuad A. Ababneh** "Positive impact performance of hybrid effect of nano-clay and silica nano-particles on composite cements**"** *Construction and Building Materials*, **2018**, 190, 508–516 <https://doi.org/10.1016/j.conbuildmat.2018.09.163> * **Fuad** **A**. **Ababneh**, and Idreese F. Al-Momani "Assessments of toxic heavy metals contamination in cosmetic products**"** *Environmental Forensics***, 2018**, 19(2),134–142   <https://doi.org/10.1080/15275922.2018.144890>   * **Fuad** **A**. **Ababneh** "The hazard content of cadmium, lead and other trace elements in some medicinal herbs and their water infusions" *International Journal of Analytical Chemistry*, **2017,** Article ID 6971916, 8 pages   <https://doi.org/10.1155/2017/6971916>   * **Fuad** **A**. **Ababneh**, and Idreese F. Al-Momani "Evaluation of Residual Amounts of Persistent Organic Pollutants and Traces of Heavy Metals in King Talal Dam", *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 5(5), 1121-1128, **2014 .** * **Fuad** **A**. **Ababneh**, Khalil Abu-Sbieh and Idreese F. Al-Momani" Evaluation of allergenic metals and other trace elements in personal care products", *Jordan Journal of Chemistry*, v 8, no 3, **2013.** * **Fuad A. Ababneh** ,"Assessments of Selected Essential Elements in Canned Tuna Marketed in Jordan", *Asian Journal of Chemistry*, 25(2), 1057-1062, **2013**   http://dx.doi.org/10.14233/ajchem.2013.13418.   * **Fuad A. Ababneh** and Idrees F. Al-Momani " Levels of mercury, cadmium, lead and other selected elements in canned tuna fish commercialized in Jordan", *International Journal of Environmental Analytical Chemistry*, 93(7), 755-766, **2013**   <http://dx.doi.org/10.1080/03067319.2012.672981>   * Wedyan, M.A., **F.A. Ababneh** and S. Al-Rousan"The Correlations between mercury speciation and dissolved organic matter in the sediment of the Red sea", *American Journal of Environmental Science*, 8 (4), 403-411.**2012** * M. Al-Harahsheh, S. Kingman, C. Somerfield, **F. Ababneh** " Microwave-assisted total digestion of sulphide ores for multi-element analysis", *Analytica Chimica Acta*, 638, 101-105, **2009**   doi:10.1016/j.aca.2009.02.030.   * Hassan Al-Reasi, **Fuad Ababneh**, David Lean "Evaluating Mercury Biomagnification in Fish from a Tropical Marine Environment Using Stable Isotopes (δ13C and δ15N) " *Environmental Toxicology and Chemistry*, 26(8), 1572–1581, **2007**   <https://doi.org/10.1897/06-359R.1>   * **Fuad A. Ababneh**, Susannah L. Scott, Hassan A. Al-Reasi, David R. S. Lean " Photochemical reduction and reoxidation of aqueous mercuric chloride in the presence of ferrioxalate and air” *Science* *of* *the* *Total* *Environment*.[367 (2-3](http://www.sciencedirect.com/science?_ob=PublicationURL&_tockey=%23TOC%235836%232006%23996329997%23628664%23FLA%23&_cdi=5836&_pubType=J&view=c&_auth=y&_acct=C000064618&_version=1&_urlVersion=0&_userid=4731468&md5=fc53caad4abcec9571755997bd6b2308)), 831-839, **2006**    https://doi.org/10.1016/j.scitotenv.2006.02.018.   * Khalid, M. T; **Fuad, A. A**., “ Conductance study of the binding of K+ by dibenzo-pyridino -18-crown-6 in acetonitrile” J. Incl. Phen. Recog. Chem. 29 (1), 15-22, **1997**   https://doi.org/10.1023/A:1007923632191. |

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| ***Books and book chapters*** |
| * N.A |
| ***Patents*** |
| * N.A. |

**Conferences And Proceedings \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| * Metals in the Environment Research Network (MITE), Annual Research Symposium, Crown Plaza, 101 Lyon Street, Ottawa, Ontario, Canada, February 27-28, 2001. * The 87th Canadian Chemistry Conference and Exhibition, London, Ontario, Canada, May 29- June 1st 2004 |

**Teaching\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Courses Taught-undergraduate, At Al-Hussein bin Talal University*** |
| * General Chemistry I(CHEM 101) * General Chemistry II (CHEM 102 ) * Analytical Chemistry I (CHEM 211) * Analytical Chemistry Lab ( CHEM 212) * Analytical Chemistry II( CHEM 411) * Environmental Chemistry (CHEM413) * Instrumental Analysis ( CHEM 311) * Instrumental Analysis lab( CHEM 313) * Chemistry of everyday life (CHEM 201) * Chemical literature (CHEM 470) |

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| ***Courses Taught-postgraduate*** |
| * N.A |

**Skills\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| ***Languages*** |
| * Arabic (native) |
| * English (excellent) |

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| ***Computer Programs*** |
| * N.A |