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| **Curriculum Vitae**  **Omar Abdulhay Mohammed Sheej Ahmad**  **PhD, Lecturer**  **Department of Chemistry, College of Education for Pure Sciences, University of Mosul, Mosul, IRAQ** | | | | | | |  |
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| **Personal Information** | | | | | | | |
| * **Name** | | | **Omar Abdulhay Mohammed Sheej Ahmad** | | | | |
| * **Dare of Birth** | | | **11/04/1979** | | | | |
| * **Place of Birth** | | | **Mosul/ Iraq** | | | | |
| * **Gender** | | | **Male** | | | | |
| * **Nationality** | | | **Iraqi** | | | | |
| * **Marital Status** | | | **Married** | | | | |
| * **No. of Children** | | | **5 kids** | | | | |
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| **Academic Information** | | | | | | | |
| * **Scientific Title** | | | | **Lecturer** | | | |
| * **Scientific Dept.** | | | | **Department of Chemistry,**  **College of Education for Pure Sciences, University of Mosul** | | | |
| * **General specialty** | | | | **Chemistry** | | | |
| * **Specific specialty** | | | | **Analytical Chemistry** | | | |
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| * **Research Gate** | | | | <https://www.researchgate.net/profile/Omar_Sheej_Ahmad2?ev=hdr_xprf&_sg=ZFfE0sRzaZ9603a0IGi2WWkGWMOqYdmzclobbgX-qi5KnglB3o6yfaiFykxFb2XsaPqEjPBF_bJD9IGq-WcYqn4O> | | | |
| * **Google Scholar** | | | | <https://scholar.google.co.uk/citations?user=w2_4OtoAAAAJ&hl=ar> | | | |
| * **ORCID** | | | | **https://orcid.org/0000-0001-5511-2315** | | | |
| **Education** | | | | | | | |
| **Degree** | **Year** | | | | **Major** | **University** | |
| * **PhD** | **2019** | | | | **Analytical Chemistry** | **College of Science and Engineering — University of Leicester-UK** | |
| * **MSc** | **2004** | | | | **Analytical Chemistry** | **College of Education- University of Mosul-Iraq** | |
| * **Bachelor** | **2001** | | | | **Chemistry** | **College of Education- University of Mosul-Iraq** | |
|  | | | | | | | |
| **Scientific titles** | | | | | | | |
| * **Lecturer** | | **2006/02/19** | | | | | |
| * **Assistant Lect.** | | **2012/02/09** | | | | | |
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| **Scientific and Administrative Experiences** | | | | | | | |

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| **Ministry of Education-Iraq** | **2005-2006** | **Secondary School** |
| **College of Basic Education-Mosul University-Iraq** | **2006-2007** | **Mosul University-Iraq** |
| **College of Education for Pure Science-Mosul University-Iraq** | **207- until now** | **Mosul University-Iraq** |

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| **Teaching Activities** |
| * **Practical Analytical Chemistry, 3rd year, Science Dept., College of Basic Education.** * **Soil Chemistry, 3rd year, Science Dept., College of Basic Education.** * **Practical Analytical Chemistry, 2ed year, Chemistry Dept., College of Education for Pure Science.** * **Practical Analytical Chemistry, 1st year, Biological Dept., College of Education for Pure Science.** * **Theoretical Analytical Chemistry, 1st year, Chemistry Dept., College of Education for Pure Science.** |
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| **Peer-reviewed Publications** |
| • Spectrophotometric determination of amino acid using charge transfer complexes reaction and TCNE as a reagent in aqueous solution, J. Educ. Sci., 2008, 21, 49-55.  • Spectrophotometric determination of trifluoperazine via oxidative coupling reaction with sulfanilic acid, (J. Edu. & Sci., 2010, 23(1), 6-14).  • Spectrophotometric determination of Sulfacetamide and Sulfamethaxazole in aqueous solution using Tetracyanoethylene reagent. (J. Edu. & Sci., 2012, 25(4), 47-59).  • Application of chloranil and fluoranil π- acceptors for the spectrophotometric determination of mesalamine in pharmaceuticals, Eur. Chem. Bull., 2014, 3(4), 377-383.  • New potentiometric sensor based on molecularly imprinted nanoparticles for cocaine detection. (Biosensors and Bioelectronics, 2017, 96, 49–54).  • Molecularly Imprinted Polymers in Electrochemical and Optical Sensors. (Trends in biotechnology 2019, 37, 3, 294-309).  • Generic sensor platform based on electro-responsive molecularly imprinted polymer nanoparticles (e-NanoMIPs) (submitted patent with application number1809276.7).  • Electrochemical sensor based on electroactive molecularly imprinted polymer nanoparticles (EMIP). In preparation to submit in Nature protocol.  • Direct detection of small molecules using a nano-molecular imprinted polymer receptor and a quartz crystal resonator driven at a fixed frequency and amplitude. (submitted paper to biosensor bioelectronics journal. |
| **Scientific Conferences and Symposiums** |
| • 2nd International scientific conference of the Faculty of Chemistry, University of Mosul, 2012, Mosul, Iraq.  • 6th. Black sea basin conference on Analytical chemistry, 2013, Trabzon, Turkey.  • BioTech 2017, 2017, Zurich University of Applied Sciences (ZHAW), Zurich, Switzerland.  • 5th International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2019), to be held in Sakarya, TURKEY, 25-29 October 2019. |
| **Associations** |
| * **Royal Society of Chemistry in the UK with membership number 670033.** |