

# CV

| Dr. Saja Ali Muhsin Al-Shimmmary |  |
|----------------------------------|--|
| Unit                             | Prosthetic Dental Technology   |
| Department                       | College of Health and Medical Technology   |
| Institution                      | Middle Technical University (MTU)  |
| City/Country                     | Baghdad- Iraq  |
| Official Email:                  | <a href="mailto:dr.sajaalshimmmary@gmail.com">dr.sajaalshimmmary@gmail.com</a><br><a href="mailto:dr.sajaalshimmmary@healthtech.mtu.edu.iq">dr.sajaalshimmmary@healthtech.mtu.edu.iq</a><br><a href="mailto:dr.sajaalshimmmary@mtu.edu.iq">dr.sajaalshimmmary@mtu.edu.iq</a> |
| Personal Email:                  | <a href="mailto:kaka.alshimmmary@yahoo.com">kaka.alshimmmary@yahoo.com</a>   |
| DOB:                             | 20 <sup>th</sup> Jan. 1979   |
| Blood Group:                     | A <sup>+</sup>   |
| Mobile:                          | 00964 (0) 7708885548   |
| Date of Employment:              | 26/ 11/ 2001   |
| Scientific Title                 | Assistant Professor  |
| ORCID                            | 0000-0003-0272-7409  |
| Researcher ID                    | D-4468-2019  |
| Annual Evaluation                | 2011-2012-(83%); 2016-2017-(90%);<br>2017-2018-(95%)   |



## Qualifications:

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|---|---|
| 1 | #Diploma (1998) " Dental Prevention" " Institute of Technical Medicine" Foundation of Technical Education (FTE) (Baghdad- Iraq)                               |
| 2 | #B.Sc. (2001) " Dental Technology" "College of Health and Medical Technology" Foundation of Technical Education (FTE) (Baghdad- Iraq)                         |
| 3 | #M.Sc. (2006) "Prosthetic Dental Technology" "Prosthetics" "College of Health and Medical Technology" Foundation of Technical Education (FTE) (Baghdad- Iraq) |
| 4 | #Ph.D. (2016) " Dentistry (Science)" "Restorative Dentistry" School of Clinical Dentistry, University of Sheffield (Sheffield- UK)                            |

## Fields of Interest:

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| 1 | #*Specialist Technician in Dental Prosthodontics,          |
| 2 | #*Designing and Fabrication of Maxilla-facial Restorations |
| 3 | #*Dental CAD/CAM production methods.                       |
| 4 | #*Dental Material Sciences.                                |
| 5 | #*Research Methods and Academic Writing.                   |
| 6 | #*Scientific and Academic Reviewer (IF Journals)           |

## Recent Prizes and Awards

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| 1 | # Certificate of appreciation “The Academic Excellence in the UK”, Iraqi Cultural Attaché in <b>London, UK</b> (18 <sup>th</sup> Oct. 2016)                                      |
| 2 | # Certificate of appreciation “The Achievements of the Iraqi Women in the UK“, The Ambassador of the Republic of Iraq in the UK, <b>London, UK</b> (12 <sup>th</sup> March 2016) |
| 3 | # 3MT: 3 Minute Thesis Competition, Faculty of Medicine Dentistry and Health, <b>University of Sheffield, UK</b> (8 <sup>th</sup> June 2015).                                    |
| 4 | # BSODR Dental Materials Group Prize, British Division, UK IADR/PER Congress, <b>Dubrovnik, Croatia</b> (10 <sup>th</sup> Sep. 2014)   |
| 5 | # VOCO Dental Biomaterials Prize Award, VOCO GmbH, <b>Germany</b>  |

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|   | IADR/PER Congress, Dubrovnik, Croatia (10 <sup>th</sup> Sep. 2014)   |
| 6 | ✚ More than 15 <b>Appreciation letter</b> (President-Middle Technical University; Dean- College of Health and Medical Technology; CPD Center; and other National and International Institutional Organization) |

## Administration Position:

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|---|---|
| 1 | ✚ (2019-2022), IADR KULZER Travel Award Committee Member. International & American Associations for Dental Research, Alexandria, <b>Virginia-USA</b>          |
| 2 | ✚ (2018-Present), Deputy of the Head Department, College of Health and Medical Technology. <b>Iraq</b>  |
| 3 | ✚ (2017- Present), Committee Member-Mesopotamia's Scholars Association, Baghdad- <b>Iraq</b> (NGO)  |
| 4 | ✚ (2016-Present), Patent Advisor (Dentistry Science), Middle Technical University, Baghdad- <b>Iraq</b>   |
| 5 | ✚ (2011 - 2012), Committee Chairman of inventory stores in department of Prosthetic Dentistry, College of Health and Medical Technology, Baghdad- <b>Iraq</b> |
| 6 | ✚ (2011 - 2012), Committee member in developing the future technical education, College of Health and Medical Technology, Baghdad- <b>Iraq</b>                |
| 7 | ✚ (2011 - 2012), Committee member in purchases of laboratory materials in the Department of Prosthetic Dentistry, Workplace, Baghdad- <b>Iraq</b>             |
| 8 | ✚ (2009-Present), Iraqi Student advisor, <b>US Embassy</b> , Baghdad- <b>Iraq</b>   |

## Recent Publications:

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|---|---|
| 1 | ✚ Muhsin, S. A., Hatton, P. V., Johnson, A., Sereno, N. & Wood, D. J. 2019. Determination of Polyetheretherketone (PEEK) Mechanical Properties as a Denture Material. The Saudi Dental Journal. <a href="https://doi.org/10.1016/j.sdentj.2019.03.005">https://doi.org/10.1016/j.sdentj.2019.03.005</a> |
| 2 | Muhsin, SA, Wood D J, Johnson A, Sereno N & Hatton PV. 2018. Effects of Novel Polyetheretherketone (PEEK) Clasp Design on Retentive Force at Different Tooth Undercuts. Journal of Oral and Dental Research, 5, 13-25.  |
| 3 | ✚ Al-Obaidi DM, Muhsin SA, Ibrahim AA. In Vivo Antimicrobial Inhibition of Punica Granatum Extracts as Mouthwash. 2017. <b>6</b> (4): p. 1-5.<br>(Doi: <a href="https://doi.org/10.15275/rusomj.2017.0403">10.15275/rusomj.2017.0403</a> )  |
| 4 | ✚ Muhsin, S.A. and A.I. Haddad, Effect of Phenol-Formaldehyde Bonding Agent on Acrylic Resin Impact Strength. Journal of Basic and Applied Research, 2017. <b>3</b> (3): p. 127-132.  |
| 5 | ✚ Muhsin, S.A., Bond Strength of Repaired Acrylic Denture Teeth Using Visible Light Cure Composite Resin. The Open Dentistry Journal, 2017. <b>11</b> : p. 57-64. (Doi: <a href="https://doi.org/10.2174/1874210601711010057">10.2174/1874210601711010057</a> )   |
| 6 | ✚ Muhsin, S.A., Evaluation of Poly (ether ether ketone) for Use as Innovative Material in the Fabrication of a Removable Partial Denture Framework. 2016, University of Sheffield.  |
| 7 | ✚ (2010), The effect of two curing processing time by Ivomat on the porosity of cold cure acrylic resin denture base ( A Comparative Study – Journal of the University of Karbala, (8) 4: pp.37-43  |
| 8 | ✚ (2009), The effect of two different processing techniques (water bath and chemical polymerization) on the transverse strength of cold cure acrylic resin denture base – Journal of the University of Karbala, (7) 4: pp.182-88  |
| 9 | ✚ (2008), The effect of olive oil and glycerin oil as separating media on the porosity of acrylic resin denture base (A Comparative Study – Kufa Medical Journal, (11) 2: pp.268-74   |

## Membership in Scientific Societies:

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| 1 | ✚ (2018-Present) – General Authority Member, Iraqi Academics Syndicate         |
| 2 | ✚ (2017-Present) – Committee Member, Mesopotamia's Scholars Association (MSA), |

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|---|---|
|   | Baghdad-Iraq  |
| 3 | ✚(2015-Present) – Member, Iraqi Students Society (IQSS)   |
| 4 | ✚(2014-Present) – Member, UK Society for Biomaterials (UKSB)  |
| 5 | ✚(2013-Present) – Member, International Association for Dental Research (IADR), USA, British and Irish Division |
| 6 | ✚(2013-Present) – Member, Iraqi Association for Oral Research (IAOR)  |
| 7 | ✚(2013-Present) – Member, British Society for Oral and Dental Research (BSODR),                                 |

## Editor/Reviewer:

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|---|---|
| 1 | ✚(2019-Present)-Editorial board manager, JODR-IAOR (Journal of Oral and Dental Research)- Iraqi division of the IADR (Baghdad- <b>Iraq</b> and Virginia - <b>USA</b> )                        |
| 2 | ✚(2019-Present)-IAOR Conference Scientific Committee (Iraqi Association for Oral Research)- Iraqi division of the IADR.   |
| 3 | ✚(2017 – Present), Reviewer/ Longdom Journals ( <b>Scopus and Thompson</b> ). (Biomedical and Pharmacology Journal); and (Journal of Research in Medical and Dental Science, ( <b>WOS</b> )). |
| 4 | ✚(2017 – Present), Reviewer /Journal of Agricultural Science and Technology (JAST), ( <b>WOS</b> )  |
| 5 | ✚(2016 – Present), Reviewer and Patent Consultant (Iraq).   |
| 6 | ✚(2016 – Present), Reviewer/ Journal of Oral and Dental Research IAOR (Iraqi Association for Dental Research), the Iraqi division of the IADR (Iraq).   |

## Invited lectures and Conferences:

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| 1  | ✚(14-15 <sup>th</sup> March 2019) – 25 <sup>th</sup> World Congress on Dentistry and Oral Health.” Mouthwashes: Effect on Surface Hardness and Accuracy of Light-cured Composite” <b>Video Conference (London-UK)</b>  |
| 2  | ✚(11 <sup>th</sup> Feb-6 <sup>th</sup> May 2019-Every Monday, 4pm New York time) – “ <b>Student Global Village Zoom Conference</b> ”. Rider University, ( <b>New Jersey-USA</b> )  |
| 3  | ✚(1 <sup>st</sup> October 2018) – IF: How to Publish in High Impact Journals. Institute of Technical Medicine, Middle Technical University ( <b>Baghdad-Iraq</b> )   |
| 4  | ✚(6-7 <sup>th</sup> August 2017) – PolyEtherEtherKetone: Innovative Material for Dental Applications, IAOR-The 4th Scientific Conference, ( <b>Antalya, Turkey</b> )   |
| 5  | ✚(27-28 <sup>th</sup> April 2017) – Sulaimani Dental Meeting, <b>Sulaymaniyah, Iraq.</b>   |
| 6  | ✚(27-28 <sup>th</sup> March 2017) – PolyEtherEtherKetone: Innovative Material for the Fabrication of a Removable Partial Denture Framework, 1 <sup>st</sup> international Dental Conference (ISDC), Al-Esra’a University College, <b>Baghdad, Iraq.</b>                |
| 7  | ✚(22-25 <sup>th</sup> June 2016) – Retentive Force of Novel Polyetheretherketone Clasp Design, IADR-APR General Session & Exhibition, ( <b>Seoul, South Korea</b> )  |
| 8  | ✚(14-16 <sup>th</sup> Sep. 2015) – Mechanical Properties of Thermo-pressed Polyetheretherketone as a Denture Material, British Society for Oral and Dental Research (BSODR), Annual Meeting, ( <b>Cardiff, UK</b> )  |
| 9  | ✚(25-26 <sup>th</sup> June 2015) – Investigating the Surface Roughness of Thermo-pressed Polyetheretherketone (PEEK) as a Denture Base material, UK Society for Biomaterials (UKSB), 14 <sup>th</sup> Annual Conference and Postgraduate Day, ( <b>Belfast, UK</b> )   |
| 10 | ✚(29 <sup>th</sup> May 2015) – Ph.D. Study Achievements, The First HCED Scholars Conference, ( <b>London, UK</b> )   |
| 11 | ✚( 23 <sup>rd</sup> -24 <sup>th</sup> April 2015) – The Effect of Processing Conditions on the Flexural Strength of Polyetheretherketone (PEEK) Used as Innovative Denture Base Material, 2 <sup>nd</sup> International PEEK Conference, ( <b>Washington DC, USA</b> ) |
| 12 | ✚(9 <sup>th</sup> - 13 <sup>th</sup> Sep. 2014) – Determination of Polyetheretherketone (PEEK) Impact Strength as a Denture Material, IADR-PER Congress, ( <b>Dubrovnik, Croatia</b> )   |
| 13 | ✚(24 <sup>th</sup> June 2014) – Comparison of Impact Strength of Machined and Thermo-pressed Polyetheretherketone (PEEK) Denture Base Material, The University of Sheffield Engineering Symposium (USES), The University of Sheffield, ( <b>Sheffield, UK</b> )        |

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| 14 | ✚(9 <sup>th</sup> - 11 <sup>th</sup> Sep. 2013) – 60th Annual Scientific Meeting and Exhibition of the British Society for Oral and Dental Research, BSODR-Bath, <b>(Bristol, England)</b>  |
| 15 | ✚(15 <sup>th</sup> March 2013) – Research Day, School of Clinical Dentistry, The University of Sheffield, <b>(Sheffield, UK)</b>  |
| 16 | ✚(21 <sup>st</sup> -22 <sup>nd</sup> Dec. 2011) – The Ninth Conference on Synthesis and Applications of Polymeric Materials, University of Babylon, Iraqi Polymer Society & College of Material Engineering, <b>(Babylon, Iraq)</b>                                   |
| 17 | ✚(24 <sup>th</sup> Nov. 2011) – Duties of Iraqi students Advisor in Advising Students Want to study in one of the USA Universities, Duties of Iraqi students Advisor/ College of Health and Medical Technology, <b>(Baghdad, Iraq)</b>                                |
| 18 | ✚(11 <sup>th</sup> - 15 <sup>th</sup> April 2011) – Iraqi Students Advisor, Education USA Triennial Conference 2011 Opening Doors Through Education, <b>(Doha, Qatar)</b>   |
| 19 | ✚( 19 <sup>th</sup> Feb. 2011) – Alumni Day 2011, Alumni Day Conference Alumni University/ <b>US Embassy/, (Baghdad, Iraq)</b>  |
| 20 | ✚(29 <sup>th</sup> Nov.- 2 <sup>nd</sup> Dec. 2010) – Students Advisor, 1 <sup>st</sup> students advisor workshop/ Kufa University, <b>(Najaf, Iraq)</b>  |
|    | ✚(19 <sup>th</sup> - 20 <sup>th</sup> April 2008) – The effect of Salvadora Persica (Miswaak) powder as mechanical abrasive and polishing material for tooth enamel surface, The 4 <sup>th</sup> Scientific Conference/ University of Karbala, <b>(Karbala, Iraq)</b> |

## Training Courses and Workshops:

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| 1  | ✚( 16 <sup>th</sup> May 2019) – How to Prepare a Manuscript and Publish in High Impact Journals. College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>                            |
|    | ✚(4 <sup>th</sup> February; 11 <sup>th</sup> March ; and 27 <sup>th</sup> May 2019) – Modern Tools and Strategies for Teaching Methods- Continuing Education Center - Middle Technical University <b>(Baghdad-Iraq)</b> |
| 2  | ✚(2 <sup>nd</sup> - 6 <sup>th</sup> September 2018) – IF: How to Prepare an Article and Publish in High Impact Journals. College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>    |
| 3  | ✚(14 <sup>th</sup> October 2018) – Research Ethics. College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>   |
| 4  | ✚(11 <sup>th</sup> -13 <sup>th</sup> November 2018) – Endnote: Referencing Style. College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>   |
| 5  | ✚(18 <sup>th</sup> November 2018) –Modern Tools and Strategies for Teaching Methods- Continuing Education Center –University of Esraa <b>(Baghdad-Iraq)</b>   |
| 6  | ✚(3 <sup>rd</sup> December 2018- present) –Modern Tools and Strategies for Teaching Methods- Continuing Education Center – Usool Al Deen College University <b>(Baghdad-Iraq)</b>                                       |
| 7  | ✚(9 <sup>th</sup> December 2018) – Interiority of Academic Staff. College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>   |
| 8  | ✚(30 <sup>th</sup> December 2018) – How to deal with students of different personalities. College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>                                   |
| 9  | ✚(4 <sup>th</sup> November & 4 <sup>th</sup> December 2017- present (Twice/Year)) –Modern Tools and Strategies for Teaching Methods- Continuing Education Center - Middle Technical University <b>(Baghdad-Iraq)</b>    |
| 10 | ✚(19 <sup>th</sup> -21 <sup>st</sup> November 2017) – PEEK: Novel Denture Base Material- College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>                                    |
| 11 | ✚(15-17 <sup>th</sup> October 2017) – Endnote Referencing Style- College of Health and Medical Technology, Middle Technical University <b>(Baghdad-Iraq)</b>  |
| 12 | ✚(5 <sup>th</sup> June 2016) – Effective Tools and Strategies for Time Management and Notes Management, Iraqi Students Society (IQSS), <b>(Sheffield, UK)</b>   |
| 13 | ✚(19 <sup>th</sup> May-15 <sup>th</sup> June/ 2014) – Study Skills for International Students- Online course, University of East Anglia, <b>(UK)</b>  |
| 14 | ✚(3 <sup>rd</sup> March-13 <sup>th</sup> April/ 2014) – Discover Dentistry- Online course, School of Clinical Dentistry, The University of Sheffield, <b>(UK)</b>   |
| 15 | ✚(8 <sup>th</sup> Nov. 2013) – JUVORA- "Removable Denture Completion", JUVORA® Ltd., Thornton   |

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|    | Cleveleys, Lancashire, (UK)   |
| 16 | ✚(10 <sup>th</sup> Nov. 2012) – 30 <sup>th</sup> Annual Study Day in Restorative Dentistry, School of Clinical Dentistry, The University of Sheffield, (UK) |
| 17 | ✚ (18 <sup>th</sup> -19 <sup>th</sup> Dec. 2011) – Civic Engagement and Democracy Course/ Alumni University, <b>US Embassy</b> , (Baghdad-Iraq)             |
| 18 | ✚(2 <sup>nd</sup> -3 <sup>rd</sup> Dec. 2011) – Employment Skills Course/ Alumni University, <b>US Embassy</b> , (Baghdad-Iraq)                             |
| 19 | ✚ (9 <sup>th</sup> -10 <sup>th</sup> Sep., 2011) – Leadership Skills Course/ Alumni University, <b>US Embassy</b> , (Baghdad-Iraq)                          |
| 20 | ✚(29 <sup>th</sup> -30 <sup>th</sup> June., 2011) – Grand and Proposal Written Course/ Alumni University, <b>US Embassy</b> , (Baghdad-Iraq)                |
| 21 | ✚ (29 <sup>th</sup> March- 1 <sup>st</sup> April., 2010) – Advisor workshop/ Academic of Educational Development, <b>US Embassy</b> , (Baghdad-Iraq)        |
| 22 | ✚(11 <sup>th</sup> -13 <sup>th</sup> January 2009) – Herb Medication, Staff Development Center (FTE), (Baghdad-Iraq)  |
| 23 | ✚ (9 <sup>th</sup> -13 <sup>th</sup> Dec. 2008) – Install and Use the E-mail, Staff Development Center (FTE), (Baghdad-Iraq)                                |
| 24 | ✚(6 <sup>th</sup> -17 <sup>th</sup> July 2008) – Course in Computer Program, Staff Development Center (FTE), (Baghdad-Iraq)                                 |
| 25 | ✚ (2 <sup>nd</sup> -27 <sup>th</sup> Sep. 2007) – Teaching Competencies, Staff Development Center (FTE), (Baghdad-Iraq)                                     |
|    | ✚(2012-2016) – Over 50 CPD and DDP Dental Addition Seminars and Workshops, The University of Sheffield, (UK)  |

