



جامعة العلوم والتقنية في الفجيرة  
University of Science and Technology of Fujairah

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name: Dr. Aziza Eldarrat  
Nationality: Libyan  
Marital Status: Married  
Job Title: Professor  
Current Job: Dean of Graduate Studies and Research  
University of Science and Technology of Fujairah, Fujairah, UAE  
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### EDUCATIONAL BACKGROUND

#### 1. Doctorate

University: Leeds University, Leeds, UK  
Country: UK  
Date of obtaining degree: 2003  
Major: Dentistry

#### 2. Master

University: Al Arab University, Benghazi, Libya  
Country: Libya  
Date of obtaining degree: 1994  
Major: Pharmacology

#### 3. Bachelor

University: Benghazi, Libya  
Country: Libya  
Date of obtaining degree: 1981  
**Internship year:** 1981-1982

### PROFESSIONAL EXPERIENCE

From (year)	To (year)	Position	Employer	Country
2023-	Present	Acting Dean of Graduate Studies and Research	USTF University	Fujairah, UAE
2022-	Present	Director of Internship Program	USTF University	
2021-	Present	Professor	USTF University	
2018	2021	Associate Professor	MBHDUC for Postgraduation	Dubai, UAE
2016	2018	Adjunct Associate Professor	RAK University	
2014	2015	Consultant	Smile Care Dental Centre	RAK, UAE
2015	2016	Consultant	International Hospital	
2012	2015	Assistant Professor	University of Sharjah	
2005	2011	Assistant Professor	University of Science and Technology of Ajman	Ajman, UAE
2004	2005	Senior lecturer	University of Science and Technology of Ajman	
Feb 2004	Jun 2004		Al-Arab University	Libya

## EDUCATIONAL EXPERIENCE

Academic Year	Course Title	Academic Year	Course Title
2021-present	<u>Undergraduate Courses:</u> Preclinical Endodontics -I & II Clinical Endodontics -I & II Clinical Dentistry- I &II Treatment Planning- I & II Research Project English for Special Purposes Internal Clinical Training	2016-2021	<u>Postgraduate Courses:</u> Treatment Planning and Procedures  Integrated Fundamental Sciences  Research Methodology
	2005-2011		Restorative dentistry Courses Dental Clinical Practice-I Dental Clinical Practice-II Dental Clinical Practice-III Dental Clinical Practice-IV Dental Clinical Practice-V
2005-2007	Dental and Health Sciences-I		
2005-2008	Dental Learning Packages (DLP) Sessions		
2004-2005			
2014	Restorative dentistry		

## PUBLICATIONS

### 1. Books

Handbook for Dental Students “Practice Skills in Restorative Dentistry” (In process)

### 2. Book Chapters

- Diabetics’ awareness of oral disorders associated with diabetes mellitus, in Research on Diabetes Book. iConcept Press, Publishing Company, Brisbane, Australia. ISBN 978-1-922227-21-8

- Manual Book for students in dental laboratory technology diploma, College of community, UoS.

### 3. Journal Articles

#### Peer-Reviewed Published Research Articles:

- Alhammadi F., **Eldarrat A.**, Bin Ahmad B., Yasmin bt Sanusi S., Zulkarnain bin Sinor M. (2023). Forward Translation and Synthesis Processes during the Cross-Cultural Adaptation of English Scale of Oral Health Outcomes for 5-Year-Old Children (E-SOHO-5) to Arabic Language (Submitted)
- Alraeesi D., Alraeesi S, **Eldarrat A.** (2023) Awareness and attitude of dental practitioners towards the covid-19 disease. Journal of International Dental and Medical Research 16(3), 1124-1129.
- **Eldarrat A.**, Alkhuboli F., Alkhuboli M. (2023) Work-Related musculoskeletal disorder among medical and dental workers. Journal of International Dental and Medical Research 16 (1), 278-284.
- **Eldarrat A.** (2020). Investigations of sound and carious dentin using ultrasound velocity and scanning electron microscopy-An in-vitro study. Advances in Dentistry & Oral Health 13(3), 26-36.
- **Eldarrat A.** (2019). Ultrasonic characterization of human dentine. Journal of Dental Sciences 4(5), 238-241.
- **Eldarrat A.**, High A and Kale G. (2017). Influence of sodium chloride content in electrolyte solution on electrochemical impedance measurements of human dentine. Dental Research Journal 14(1), 25-31.
- Abdo S. and **Eldarrat A.** (2013). Fracture resistance of overtly flaring root canals filled with resin-based obturation material. Dental Research Journal 10 (1), 71-76.
- Abdo S., **Eldarrat A.**, Masudi S., Luddin N., Husien A. and Khamis M. (2012). Comparison of over flared root canals of mandibular premolars filled with MTA and Resin-Based: An In-Vitro study. Smile Dental Journal 7(2), 38-42.
- Abdo S., **Eldarrat A.**, Masudi S., Luddin N., Husien A. (2012). Sealing ability of gutta-percha/Nano HA versus Resilon/Epiphany after 20 months using an electrochemical model-an in vitro study. Brazilian Journal of Oral Science 11(3), 387-391.
- **Eldarrat A.** (2011). Awareness and attitude of diabetic patients towards their increased risk for oral diseases. Oral Health and Preventive Dentistry 9(3), 235-241.
- **Eldarrat A.** (2011). Influence of oral health and lifestyle on oral malodour. International Dental Journal 61, 47-51.

- **Eldarrat A.** (2011). Diabetic Patients: Their Knowledge and Perception of Oral Health. *Libyan Journal of Medicine* 6, 5691-5696.
- **Eldarrat A., Kale G.M., and High A.** (2010). Age-related changes in ac-impedance spectroscopy studies of normal human dentine-further studies. *Journal of Material Sciences: Materials in Medicine* 21, 45-51.
- **Eldarrat A.** (2009). Tooth bleaching- a conservative treatment for discoloured teeth. *Arab Health* 5: 14-18.
- **Eldarrat A., Alkhabuli J., Malik A.** (2008). The prevalence of self-reported halitosis and oral hygiene practices among Libyan students and office workers. *Libyan Journal of Medicine.* 3, 193-200.
- **Eldarrat A., Kale G.M., Wood D.J. and High A.** (2007). Age-related changes in ac-impedance spectroscopy studies of normal human dentine. *Journal of Material Sciences: Materials in Medicine* 18, 1203-1210.
- **Eldarrat A.H., High A.S. and Kale G.M.** (2004). In-vitro analysis of 'smear layer' on human dentine using ac-impedance spectroscopy. *Journal of Dentistry.* 32, 547-554.
- **Eldarrat A., High A. and Kale G.M.** (2003). Age-related changes in cyclic voltammetry and potentiodynamic studies of normal human dentine. *Journal of Material Sciences: Materials in Medicine.* 14, 979-984.
- **Eldarrat, A. Gupta, B. and Abedia, R.** (1994). Incidence and pattern of cleft lip and palate in Benghazi (G.S.P.L.A.J), a five-year retrospective study (1984-1988). *Garyounis Med. J.* 17, 36-42.

#### Other publication:

- **Eldarrat A.** (2010). Awareness and oral health-related quality of life among diabetic patients. *J. Dent. Res.* 89: A323 (Conference proceeding book)
- **Eldarrat A., Kale G.M. and High A.** (2008). Further Investigations of Age-Related Changes in Dentine Using ac-Impedance Spectroscopy. *J. Dent. Res.* 87: A1164 (Conference proceeding book)
- **Eldarrat A.** (2008). Ultrasonic and SEM investigation of human dentine. *J. Dent. Res.* 87: B 2072 (Conference proceeding book).
- **Eldarrat, A.** (2008). The prevalence of self-reported halitosis and oral hygiene practices among Libyan population. In *The Fourth Libyan Dental Conference proceeding*
- **Eldarrat, A.** (2007). Oral health; prevention better than cure. *Health and Nutrition Magazine* Issue No. 84 August/ September 2007
- **Eldarrat, A.** (2007). Awareness of oral health care. *University Forum* Issue No.45/ January-February 2007, published by the University of Sharjah
- **Eldarrat, A.** (2007). Caries prevalence. *University Forum* Issue No.45/ March-April 2007, published by the University of Sharjah
- **Eldarrat, A.** (2007). Prevalence of oral and dental disease- prevention and treatment, *University Forum* Issue No.49/ September 2007, published by the University of Sharjah.
- **Eldarrat, A.** (2006). Oral health, Health and Fasting Ramadan Booklet, published by the University of Sharjah (2006)
- **Eldarrat A., Kale G.M. and High A.** (2003). Ac-impedance spectroscopy of sound human dentine. *J.Dent.Res.* 82: B215 (Conference proceeding book)
- **Eldarrat A., El-Debani A., Ben-Sreti M.M. and Abdel-Latif A.** (1994). Effect of elevated blood glucose on the antinociceptive potency of drugs. *Jamahiriyah's Second Conference proceeding on Medical Sciences*
- **Eldarrat A., El-Debani A., Ben-Sreti M.M. and Abdel-Latif A.** (1994). Modulation of cholinergic mediated nociception and antinociception by acute hyperglycaemia. *Jamahiriyah's Second Conference proceeding on Medical Sciences*
- **Eldarrat A., El-Debani A., Ben-Sreti M.M. and Abdel-Latif A.** The Influence of hyperglycaemia on the antinociceptive activity of Diclofenac. In: *The International Conference of Pharmaceutical Science and Technology, Alexandria, Egypt* (1994)

#### **Patent:**

- In the area of Dentistry and Pharmacology for the patent titled: "Changing drug actions from pain stimulator to pain killer under certain conditions " (2008)

#### **Supervision of Undergraduates and Graduation Research Projects**

- Principal supervisor for students' research project " Diabetics' awareness of their increased risk for oral diseases, Dental College, University of Science and Technology of Fujairah (RAK University Conference, 2023)
- Principal supervisor for students' research project " Diabetics' awareness of their increased risk for oral diseases, Dental College, University of Science and Technology of Fujairah (Abstract accepted by Qatar University Conference, 2023)

- Principal supervisor for students' research project "advances in technology and GPs", Dental College, University of Science and Technology of Fujairah (2022-23)
- Principal supervisor for graduation research project "current advances in endodontic sealers, Dental College, University of Science and Technology of Fujairah (2021-22)
- Principal supervisor for graduation research project "current advances in endodontic irrigation, Dental College, University of Science and Technology of Fujairah (2022-23)
- Principal supervisor for graduation research project "Advances in endodontic files, Dental College, University of Science and Technology of Fujairah (2022-23)
- Principal supervisor of research projects "using ac-impedance spectroscopy and SEM for detecting age-related changes in human dentine" for dental students participated in the "The 14th Student Scientific Conference "Integration of Research with Community Service for The Development of Society", University of Science and technology of Fujairah (2022)
- Principal supervisor of research projects "diabetics' risk for oral diseases and impact of oral health on their quality of life" for dental students participated in the "The 14th Student Scientific Conference "Integration of Research with Community Service for The Development of Society", University of Science and technology of Fujairah (2022)
- Principal supervisor of research projects "ultrasonic and microscopic evaluation of human dentine" for dental students participated in the "The 14th Student Scientific Conference "Integration of Research with Community Service for The Development of Society", University of Science and technology of Fujairah (2022)
- Principal supervisor of research projects "prevalence of self-reported halitosis and oral hygiene practices among young population" for dental students participated in the "The 14th Student Scientific Conference "Integration of Research with Community Service for The Development of Society", University of Science and technology of Fujairah (2022)
- Principal supervisor for research project titled: "University City Scan-Students' Research project" [Students' research project sponsored by College of Dentistry, University of Sharjah
- Principal supervisor of research projects for dental students participated in the "Scientific Day", in Medical and Health Sciences Colleges Campus
- Principal supervisor of research projects for dental students participated in the "Ultrasound in Dentistry", in Medical and Health Sciences Colleges Campus
- Principal supervisor of research projects for dental students participated in the "Arabs' and Muslims' History of Sciences", University of Sharjah

#### **Research Grants:**

- **Principal Investigator** of research project title "*In-vitro studies of the mechanical properties of human teeth obturated with a new resin-based obturation material*". Research results submitted to School of Dental Sciences, Universiti Sains Malaysia and ACCEPTED TO BE PhD RESEARCH PROPOSAL in 2007
- **Principal Investigator** of research project title "*Ac-impedance Spectroscopy, Potentiodynamic and Scanning Electron Microscopic Investigations of Corrosion Inhibition of Dental Amalgam*" [Sponsored by the Emirates Foundation for Philanthropy (140,000.00 AED), 2009-2010]
- **Principal Investigator** of research project title "*Ultrasonic Monitoring of Sub-surface Structures of Human Teeth*" [Sponsored by the Research Council in University of Sharjah (20,000.00 AED), 2008]
- **Principal Investigator** of research project title "*University City Scan-Students' Research project*" [Students' research project sponsored by College of Dentistry, University of Sharjah (20,000.00 AED)]
- **Co-Investigator** of research group title "*Ultrasonic Characterization of Materials Used for Biomedical and Engineering Applications*" [Research Group Grant, sponsored by the Research Council in University of Sharjah (116,000.00 AED)]
- **Co-Investigator** of research group title "*Oral Health Research Group*" [Research Group Grant, sponsored by the Research Council in University of Sharjah (65,000.00 AED)]
- **Co-Investigator** of research group title "*Cardiovascular and diabetes*" [Medical Colleges Research Group (117,000.00 AED)]

#### **Research Projects Submitted for Research Fund:**

- Research Project number (13-MED2185-58), submitted for total budget through research collaboration with University of Hail, Hail, KSA
- Research Project submitted for total budget to Deanship of Graduate Studies and Research, University of Science and Technology of Fujairah
- Research Project submitted for total budget to Sheikh Hamdan Bin Rashid Al Maktoum award for medical sciences, UAE
- Research Project number (RAS-1108-00768), submitted for total budget to Research and Scholarship Award, National Research Foundation, UAE

- Research Project number (MP2-Ap), submitted to Connect Research Co-operation Funding for the Gulf States, British Council, UK

### **International Research Collaborations:**

#### **1. International Researchers USED MY RESEARCH QUESTIONNAIRES**

##### **Diabetes and oral health questionnaire**

- Dr Lynn Roosa Friesen, Director, corporate clinical research, UMKC School of dentistry, **Kansas City, USA**
- Molly Madden, Research Assistant for Dr Allison Vanderbilt, Office of Assessment and evaluation studies, Virginia commonwealth university, School of medicine, **Virginia, USA**
- Andre Grant Priede, Department of General Practice University of Melbourne, **Australia**
- Zeinab Entezari, Dental University, **Iran**
- Dr. Darko Macan, University Hospital Dubrava, Zagreb, **Croatia**
- Dr Alexandrina Dumitrescu, UMF "Carol Davila" as well as Associate Professor, **Norway**.
- Jose Frias Bulhosa, University Fernando Pessoa, Porto, **Portugal**
- Dr Bharath Champakesan-Faculty of Dental Sciences, Sri Ramachandra University, Chennai, **India**
- Ana Paula Ferraz, Dentist, **Brazil**

##### **Dental fluorosis questionnaire**

- Dr Haza Alhobeira, University of Hail, **Saudi Arabia**

#### **2. International Universities:**

- School of Dental Sciences, Universiti Sains Malaysia, Malaysia
- Leeds Dental Institute, Leeds University, UK
- Engineering College, American University of Sharjah, Sharjah, UAE
- Dental College, University of Hail, Hail, Kingdom of Saudi Arabia

#### **4. Conferences**

##### **Speaker:**

- **Eldarrat A.** (2023), 'Prevalence of Musculoskeletal Disorders Among Medical Professionals', 5th International Conference on Dentistry and Oral Health" Dubai, UAE.
- **Eldarrat A.** (2023), "knowledge and perception of the increased risk for systemic and oral diseases among diabetic patients in the UAE", ICPM, Dubai, UAE.
- **Eldarrat A.** (2022), 'Study of smear layer on dentine using electrical resistance and scanning electron microscope', 7th Pan Arab Endodontic Conference, Dubai, UAE.
- **Eldarrat A.** (2020), 'The recent strategies of root canal debridement and microbial control', 17<sup>th</sup> Makkah International Dental Conference, Makkah, KSA.
- **Eldarrat A.** (2019), 'Impact of the quality of microbial control on the success of root canal treatment', 5th Global Summit and Expo on Dental & Oral Diseases, Frankfurt, Germany.
- **Eldarrat A.** (2018), 'Microbial contamination: the primary cause of endodontic failure', 3<sup>th</sup> Global Summit and Expo on Dental & Oral Diseases, Abu Dhabi Dental conference, Abu Dhabi, UAE
- **Eldarrat A.** (2017), "key to success in root canal treatment", Abu Dhabi Dental conference, Abu Dhabi, UAE
- **Eldarrat A.** (2014), "2nd International Horizons in Dentistry", Millennium Corniche Hotel, Abu Dhabi, UAE
- **Eldarrat A.** (2013), "The latest advances in the practice of restorative dentistry", School of Dental Sciences, Health Campus, Universiti Sains Malaysia, Malaysia
- **Eldarrat A.** (2013), Bachelor of Dental Surgery (BDS) based on Problem Based Learning (PBL) program, Libyan International Medical University (LIMU), Benghazi, Libya
- **Eldarrat A.** (2012), Recent advances & future direction in restorative dentistry: an overview in "Newer Concepts in Dentistry", two days dental conference, AKMGEmirates-Sharjah Chapter, Sharjah, UAE

##### **Research papers presented in international conferences:**

- **Eldarrat A.**, High A and Kale G. New method for detecting smear layer and age-related changes of human dentine. IDEM Annual World Dental Congress, Singapore (2014)
- Abdo S and **Eldarrat A.** Fracture resistance of flared canals obturated with new obturation materials. The FDI Annual World Dental Congress, Istanbul, Turkey (2013)
- Abdo S and **Eldarrat A.** Fracture resistance of teeth with flared canals filled with new Nano-sealer and gutta-percha (GP) plus composite resin or mineral trioxide aggregate cement compared to epiphany sealer and resilon. The FDI Annual World Dental Congress, Hong Kong, China (2012)

- **Eldarrat A** and Abdo S. An In-Vitro Investigation of Root Canals Obturated with Guttapercha and Nano- Hydroxyapatite (HA) Sealer Compared to Resilon/epiphany Sealer. FDI Annual World Dental Congress, Mexico City, Mexico (2011)
- **Eldarrat A.** Knowledge and perception of the increased risk for systemic and oral diseases among diabetic patients in UAE. The 7th Gulf Dental Association Conference, Muscat, Oman (2010)
- **Eldarrat A.** Awareness and oral health-related quality of life among diabetic patients. The 38th Annual Meeting of the AADR, Washington DC, USA (2010)
- **Eldarrat A.** The concept of minimal intervention in restorative dentistry. UAE International Dental Conference and Arab Dental Exhibition, AEEDC Dubai, (2010)
- **Eldarrat A.** An in-vitro study of human dentine using ac-impedance spectroscopy. The IMS/4 international conference on the applications of traditional and high performance materials, American University of Sharjah (AUS), Sharjah, UAE (2010)
- **Eldarrat A.** Ac-impedance spectroscopy of human dentine before and after etching. AE International Dental Conference and Arab Dental Exhibition, AEEDC Dubai, (2009)
- **Eldarrat A.** Awareness of diabetic patients of dental diseases as a complication of diabetes. UAE International Dental Conference and Arab Dental Exhibition, Dentistry 2009 Abu Dhabi, UAE (2009)
- **Eldarrat A.** Ultrasonic and SEM investigation of human dentine. The 86th Annual Meeting of the IADR, Toronto, Canada (2008)
- **Eldarrat A.** Kale G. and High A. Further Investigations of Age-Related Changes in Dentine Using ac-Impedance Spectroscopy. The 37th Annual Meeting of the AADR, Dallas, USA (2008)
- **Eldarrat A.** The prevalence of self-reported halitosis and oral hygiene practices among Libyan population. The Fourth Libyan Dental Conference, Musrata, Libya (2008)
- **Eldarrat A.** Investigation of age-related changes in human dentine using ultrasound. In The Fourth Annual Scientific Research Forum, University of Sharjah, UAE (2008)
- **Eldarrat A.** Applications of Ultrasound in Dentistry. The First Workshop of Ultrasound Research Group, University of Sharjah (2007)
- **Eldarrat A.** In-vitro Analysis of Human Dentine Using Ultrasound. Physics Festival, University of Sharjah (2007)
- **Eldarrat A.** Detection of Smear Layer Using Ac-Impedance Spectroscopy. In The Second Annual Scientific Research Forum, University of Sharjah, UAE (2006)
- **Eldarrat A.,** Kale G. and High A. Electrical and micro-structural characterization of normal human dentine. In: The 27th Annual Cocoa Beach Conference and Exposition, Florida, USA (2003)
- **Eldarrat A.,** Kale G. and High A. Age-related changes in cyclic voltammetry and potentiodynamic studies of normal human dentine. In: The 27th Annual Cocoa Beach Conference and Exposition, Florida, USA (2003)
- **Eldarrat A.,** Kale G. and High A. Ac-impedance spectroscopy of sound human dentine. In: 81st General session and exhibition of IADR conference, Goteborg, Sweden (2003)
- **Eldarrat A.** In-vitro study of age effect on human dentine impedance using electrochemical impedance spectroscopy. In: Leeds Dental Institute Research Day, Leeds, UK (2002)
- **Eldarrat A.,** El-Debani A., Ben-Sreti M.M. and Abdel-Latif A. Modulation of cholinergic mediated nociception and antinociception by acute hyperglycaemia. In: The 2nd Al-Jamahiriya conference for medical sciences, Benghazi, Libya (1994)
- **Eldarrat A.,** El-Debani A., Ben-Sreti M.M. and Abdel-Latif A. Effects of elevated blood glucose on the antinociceptive potency of drugs. In: 2nd Al-Jamahiriya conference for medical sciences, Benghazi, Libya (1994)
- **Eldarrat A.,** El-Debani A., Ben-Sreti M.M. and Abdel-Latif A. The Influence of hyperglycaemia on the antinociceptive activity of Diclofenac. In: The International Conference of Pharmaceutical Science and Technology, Alexandria, Egypt (1994)
- **Eldarrat A.,** Gupta, B. and Abedia, R. Incidence and pattern of cleft lip and palate in Benghazi (G.S.P.L.A.J), a five- year retrospective study (1984-1988). In: The 16th Arab Dentists' Union Conference, Tripoli, Libya (1990)

#### **Conference Committees**

- Organizing Committee (2023), 5th International Conference on Dentistry and Oral Health" Dubai, UAE.
- Chairing Scientific Sessions (2023), 5th International Conference on Dentistry and Oral Health" Dubai, UAE.
- Scientific Committee (2022), 7th Pan Arab Endodontic Conference, Dubai, UAE.
- Chairing Scientific Sessions (2022), 7th Pan Arab Endodontic Conference, Dubai, UAE.
- Panel Discussion Scientific Session (2022), 7th Pan Arab Endodontic Conference, Dubai, UAE.
- Judger Committee (2022), "The 14th Student Scientific Conference "Integration of Research with Community Service for The Development of Society", University of Science and Technology of Fujairah

- Judger Committee (2023), “The UAE Hackathon 6.0”, University of Science and Technology of Fujairah
- Organizer Committee-Invitation (March 2019), International Conference & Exhibition on Dental Science and Oral Health, Houston, USA
- Organizer Committee-Invitation (Feb 2019), 5th Global Summit and Expo on Dental & Oral Diseases, Frankfurt, Germany
- Scientific Committee (2018), 3th Global Summit and Expo on Dental & Oral Diseases, Abu Dhabi, UAE
- Judger Committee (2016), Gulf Dental Students & Young Dentists Association 1st Virtual Students’ Dental Conference
- Scientific Committee (2012), the Second Pan Arab Endodontic Conference & the First Emirates Endodontic Conference. Dubai, UAE
- Chairing Scientific Sessions (2012), the Second Pan Arab Endodontic Conference & the First Emirates Endodontic Conference. Dubai, UAE
- Advisory Board (2011), UAE International Dental Conference and Arab Dental Exhibition, “Dentistry 2011” Abu-Dhabi, UAE
- Chairing Scientific Sessions (2010), UAE International Dental Conference and Arab Dental Exhibition, “Dentistry 2010” Abu-Dhabi, UAE
- Chairing Scientific Sessions (2009), UAE International Dental Conference and Arab Dental Exhibition, “Dentistry 2009” Abu-Dhabi, UAE
- Chairing Scientific Sessions (2009), UAE International Dental Conference and Arab Dental Exhibition, AEEDC Dubai, UAE
- Chairing Scientific Sessions (2009), The 2nd International Dental Conference, University of Sharjah
- Chairing Scientific Sessions (2008), The First International Conference on Arabs' and Muslims’ History of Sciences Conference "Arabs' and Muslims’ Scientific Contributions to Humanity”, University of Sharjah
- Chair of Exhibition Committee (2008), of the First International Conference on Arabs' and Muslims’ History of Sciences. "Arabs' and Muslims’ Scientific Contributions to Humanity”, University of Sharjah
- Representative of Exhibition Committee (2008), of the First International Conference on Arabs' and Muslims’ History of Sciences. In the Press Conference, University of Sharjah
- Organizing Committee (2008), of the First International Conference on Arabs' and Muslims’ History of Sciences "Arabs' and Muslims’ Scientific Contributions to Humanity”, University of Sharjah (2008)
- Scientific Committee (2009), of the 2nd International Dental Conference, University of Sharjah
- Coordinator and Supervisor of undergraduate dental students’ team won the “AEEDC Knowledge Champion” in AEEDC Student Academic Competition for AEEDC Dental Conference 2009
- Coordinator and Supervisor of undergraduate students’ participation in UAE International Dental Conference and Arab Dental Exhibition, “Dentistry 2009” Abu Dhabi, UAE
- Coordinator and Supervisor of undergraduate students’ participation in “AUS Awareness Day for 2009” at American University of Sharjah (AUS), Sharjah, UAE (2009)
- • Coordinator and Supervisor (2008), of undergraduate students’ participation in “AUS Awareness Day for 2008” at American University of Sharjah (AUS), Sharjah, UAE (2008)

## PROFESSIONAL AND ACADEMIC ACTIVITIES

### 1. Professional Training

- Basic life support (BLS) course (2023)
- Essential requirements for implant success Course
- Basic life support (BLS) course
- Advanced dental implantology Course
- Evolving recent updates in dental practice
- Less grafts-more implant treatment
- Laser dentistry for general practice
- Laser safety officer certification
- Standard proficiency certificate for dental laser education
- Revisiting team-based learning (TBL) in medical & health science education workshop
- Team-based learning (TBL) in medical and health science education workshop
- The quality, standards and accreditation in health Education workshop
- Dental implantology course
- CERC (CAD/CAM) dental course
- New perspective on minimally invasive dentistry
- SPSS advanced course
- ICT Applications in health information, education and research symposium
- Middle east first professional laser course
- **Information technology (IT):**

- RAS Computer literacy & information technology Stage I Certificate, Leeds, UK
- RAS Integrated business technology Stage II Certificate, Leeds, UK
- Windows Microsoft Office (Word, Excel, and PowerPoint)
- Internet explore for e-learning resources (e-books, e-journals & articles), pubmed indexing, Cochrane library, etc..
- Special Softwares (Zplot & Zview) and (Corrware & Corrview)
- Blackboard System, University of Sharjah
- Blackboard VLE System, RAK University

## **2. Workshops**

### **Organizer and Speaker of CME Courses and Workshops:**

- “The concept of restoring endodontically treated molars without the use of posts and full crowns”, CME Course, MBHDUC, Dubai, UAE.
- “The advances in root canal shaping and obturation”, CME Course, MBHDUC, Dubai, UAE.
- “The art of coloured resin restorations: aesthetic solution for teeth with gingival recession”, CME Course, MBHDUC, Dubai, UAE.
- “Principals of Non-Surgical Root Canal Re-treatment”, CME Course, MBHDUC, Dubai, UAE
- “Cosmetic dentistry: direct veneers”, CME Course, MBHDUC, Dubai, UAE
- “The new evolution in dental implant workflow”, CME Course, MBHDUC, Dubai, UAE
- “Modern techniques of root canal obturation”, CME Course, MBHDUC, Dubai, UAE
- “Recent advances in cosmetic dentistry”, CME Course, MBHDUC, Dubai, UAE
- “Modern perspectives in root canal shaping”, CME Course, MBHDUC, Dubai, UAE
- “Cosmetic dentistry course”, CME Course, MBHDUC, Dubai, UAE
- “Advanced measures in infection control”, CME Course, MBHDUC, Dubai, UAE
- “Recent advances in obturation of root canal system”, CME Course, MBHDUC, Dubai, UAE
- “Reciprocating Endodontic system”, CME Course, MBHDUC, Dubai, UAE

### **Scientific Dental Workshops:**

- Organizer (2023), 3rd Workshop “Advances in Endo Files” for USTF dental students and interns
- Organizer (2022), 2nd Workshop “Advances in Endo Files” for USTF dental students
- Organizer (2021), 1st Workshop “Advances in Endo Files” for USTF dental students

### **Community Awareness Workshops (Voluntary):**

- GMES International School, Fujairah (2023)
- World Health Day in umbrella beach area, Fujairah (2023)
- Organizer of the “Dental Awareness Workshop”, American University of Sharjah (2010)
- Organizer of the “Alternative Medicine Workshop”, University of Sharjah (2009)
- Organizer of the “Dental Awareness Workshop”, American University of Sharjah (2008)
- Organizer of the “Alternative Medicine Workshop”, University of Sharjah (2008)
- Organizer of “The Eastern Medical Heritage between Past and Modern Workshop”, University of Sharjah (2009)
- Organizer of the “Oral Health and Dental Hygiene Workshop” Orphans’ Children Centre, Sharjah, UAE (2008)
- Organizer of the “Oral Health and Dental Hygiene Workshop”, Mannar-Aleman Alkhiriya School, Ajman, UAE (2007)
- Organizer of the “Oral Health and Dental Hygiene Workshop”, Australian International School, Sharjah, UAE (2006)

## **THESES SUPERVISION**

### **3. Master Theses Supervision**

- Thesis title: A study of the relationship between intraradicular posts and periradicular disease-cohort study (2014-2017)

### **4. Doctorate Theses Supervision**

- Thesis title: Prevalence of oral and dental disease in the UAE Children (2023-2026)
- Thesis title: Sealing ability of root filling materials using different obturation techniques and fracture resistance of over-flared filled root canals: in-vitro study (2008-2013)

## **MEMBERSHIP OF PERIODICALS AND SCIENTIFIC JOURNALS**

### **International Journals:**

Editorial Board

- Open Access Journal of Dental Sciences (2018-present)
- International Journal of Dental Clinics, Australia (2013- present)
- Journal of Biomedical Engineering & Technology, USA (2010- present)
- Journal of Orthodontics and Dental Research (2021)

Reviewer



- American Journal of Dental Education, USA (2010- present)
- International Journal of Dentistry, USA (2018-)
- The Saudi Dental Journal, KSA (2011- present)
- Libyan Journal of Medicine, Sweden (2008- present)
- University of Sharjah Journal of Pure & Applied Sciences, Sharjah (2007)
- Research projects, Emirates Research Foundation, UAE (2009)

#### Judger of Scientific Projects

- The UAE Hackathon- USTF Campus (2023)
- The Sustainability Competition- USTF Campus (2023)
- Gulf Dental Students & Young Dentists Association 1st Virtual Students' Dental Conference (2016)
- The Knowledge Fair Projects, International School of Creative Science, Sharjah (2008)

#### **Membership of Scientific Societies:**

- Scientific Officer of Board Council of Emirati Section of the International American Association for Research
- Member of Emirates Medical Association-Dental Division
- Advisor of Dental Students Society
- Member of International Association for Dental Research
- Member of American Association for Dental Research
- IADR Canadian Division, Member
- IADR British Division, Member
- Dental Up-Date Journal, Member
- Journal of Dental Research, Member
- Libyan Dental Association, Member

#### **AWARDS**

- Certificate of Research Excellence (2023), University of Science and Technology of Fujairah, Fujairah, UAE
- Peter Wilson Prize and **Gold Medal in Research**, UK (2003-2004), Leeds University, Leeds University, Leeds, UK. The award recognizes the research innovation and excellence in biomedical engineering and technology.
- Best Research Project Award (2011) FDI Annual World Dental Congress, Mexico City, Mexico
- Patent Award (2008) The 4th Annual Scientific Research Forum, College of Research and Graduate Studies, University of Sharjah, Sharjah, UAE
- Research Grants award: Emirates Foundation for Philanthropy, 2009-2010, Abu Dhabi, UAE (Principal Investigator)
- Research Grants award: Research Council, University of Sharjah, 2008, (Principal Investigator)
- Outstanding Supervision (2009) AEEDC Dental Conference, Dubai, UAE (supervision of students' team won the "AEEDC Knowledge Champion" in AEEDC Student Academic Competition)
- Certificate of Excellence (2007) Ultrasound Research Group, University of Sharjah