



جامعة العلوم والتقنية في الفجيرة  
UNIVERSITY OF SCIENCE & TECHNOLOGY OF FUJAIRAH

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name:	Asmaa Youssif Harhash
Nationality:	Egyptian
Job Title:	Professor
College:	Dentistry
Department:	Ristorative & Esthetic Dentistry
Contact Information:	E-mail, a.harhash@ustf.ac.ae Office Phone No, Mobile Number (optional)

### EDUCATIONAL BACKGROUND

**1. Doctorate: Major, Title of the Thesis , University, Country, Year.** Restorative & Esthetic Dentistry, Title: Effect of Fluoride Releasing Adhesives and Fluoride Uptake by Tooth Substrate on Nanoleakage and Shear Bond Strength of Resin Composite to Dentin, Cairo University, Egypt, 2008.

**2. Master: Major, Title of the Thesis , University, Country, Year.** Conservative Dentistry, Title: A Comparative Study on Some Mechanical properties of Fluoride and Non Fluoride releasing posterior composites, Ain Shams University, Egypt, 2004

**3. Bachelor Major, Title of the Thesis , University, Country, Year.** Oral and dental Medicine and Surgery, Cairo University, May 1996

### PROFESSIONAL EXPERIENCE

From (year)	To (year)	Position	Employer	Country
2021	Now	Professor	University of Science & Technology of Fujairah	UAE
2015	2021	Professor	Egyptian Russian University	Egypt
2014	2015	Vice Dean for Education and student's Affair ... Assistant Professor	Fayoum University	Egypt
2011	2014	Assistant Professor	El Nahda	Egypt
2003	2011		Misr University for Science & Technology	Egypt

### TEACHING EXPERIENCE AREA / COURSES)

- Undergraduate Pre-clinical/Clinical operative third year & clinical for Third, forth and Fifth Year Students
- Undergraduate Cariology Courses for Second Year Students.
- Undergraduate Biomaterials Course for Second Year Students.
- Undergraduate Ethics Course for 5<sup>th</sup> Year Students.
- Undergraduate Esthetic Course for 5<sup>th</sup> Year Students.
- Undergraduate Hospital Dentistry Course for 5<sup>th</sup> Year Students.
- Postgraduate Restorative/ Esthetic Courses for Interns.

### RESEARCH AREA

**Restorative, Esthetic, Dental Materials, Surveys, Adhesion, Cariology, Testing devices or methodologies, Fluorides, Caries Prevention, Biomimetics, Digital Dentistry, Smile designs**

### PUBLICATIONS

#### 1. JOURNALS

- Citation: Asmaa Y Harhash., et al. "Does the Difference in Finishing Systems and Time affect the Surface Roughness of Two Resin Composites? Comparison between Bulk fill and Nano resin composite". Acta Scientific Dental Sciences 7.4 (2023): 80-88.
- Effect of Different Biomimetic Materials on White Spot Lesions in Enamel (A split-mouth clinical trial): Eptesam A. Elbegawy1\*, Maha A. Niazy2, Asmaa Y. Harhash3, ADJ-for Girls, Vol. 10, No. 1, January (2023) — PP. 29:39.
  - "Influence of additional polishing on the surface texture of esthetic restorative materials in different mouth rinses: An in vitro study." Egyptian Dental Journal July 2018.
  - "Effect of poly acrylic acid pretreatment on the microtensile bond strength of self-adhesive resin cement and resin modified glass ionomer cement to dentin" Egyptian Dental Journal July 2018.

#### 2. CONFERENCES

- Attended and Participated (Shortlisted) in the 3<sup>rd</sup> Forum for Women in Research "Quwa: Women Empowerment for Global Impact" that was held at the University of Sharjah on Thursday 25<sup>th</sup> of August 2022

- Supervising the participating research posters submitted to 14th Student Scientific Conference Under the slogan “Integration of Research with Community Service for Development of Society” that was held on 25-26 April 2022 at USTF.
- Participated in MBRU 2022 Dental Education and Research Symposium that was held on 19<sup>th</sup> of March 2022 by a poster Titled: "Effect of Different Biomimetic Materials on White Spot Lesions in Enamel (A Split Mouth Clinical Trial)" that won the Best Poster Presentation.
- Attended the International Conference on Quality Measurement in Health Professions Education Revisiting the Metrics that was held in Venue Bahi Ajman Palace Hotel, Ajman-UAE, GMU 25<sup>th</sup>- 27th February 2022
- Attended the 13th Dental Facial Cosmetic International Conference that was held on 18-21 November 2021.
- Attended the 16th CAD/CAM & Digital Dentistry International Conference that was held on 11-14 November 2021
- Attended & shared as a chairperson in session in EDSIC 2021 held in Intercontinental City Stars, Cairo Egypt on 1st -3rd of Sep 2021.
- Attended the Course “Let's Prevent and Control COVID-19 Infection in Dental Practice” that was organized by Mohammed Bin Rashid University of Medicine and Health Sciences on 6<sup>th</sup> of July 2020 as a part of the MBRU Community Immunity Ambassador Program.
- Attended & Participated in the 8th Scientific Day of Operative Dentistry Department entitled “Minimally Invasive Operative Dentistry that was held in The Faculty of Dentistry (Mansoura University), Jan 26th 2020.
- Attended & Participated in the Scientific Meeting held by Cairo Dental Syndicate in July 11th 2019.
- Speaker & Contributor in the 7th Minia University International Dental Congress that was held in March 28-29th 2019.
- Attended & Participated in the Annual Conference of the 4th Egyptian Dental Day that was held in Kasr Al-Ainy Conference Centre at Cairo University organized by the Egyptian Association of Dental Students in March 1st 2019.
- Attended the Scientific Day of the Conservative Dentistry Department - Cairo University on 22nd of Dec 2018.
- Attended & shared as a chairperson in session in EDSIC held in Intercontinental City Stars on 5th-9th of Sep 2018.
- Attended & Participated by a Poster in the IADR/Pan European Regional Congress 96<sup>th</sup> General Session & Exhibition in London, England, July 25-28, 2018. Presenting a Research “Remineralization Potential: CPP-ACP Versus Nano-Hydroxyapatite or Sodium-Fluoride on Erosive Enamel”

### 3. BOOKS AND BOOK CHAPTERS ...

### 4. NOTES AND ARTICLES ....

### 5. OTHER PUBLICATIONS ....

## PROFESSIONAL AND ACADEMIC ACTIVITIES

### 1. Professional Training (conductance and attendance)

- Managed the administrative day-to day activities of the faculty and coached students to identify their strong points, weaknesses and develop their professional plans.
- Coached selected students to win third position in their 1st participation in the national scientific competition held in Ain Shams University (March2015) as a Head of Dental Student Scientific Association.
- Ensured that correct and clear standards of ethical and laboratory practice are set out and implanted the provision of continuous education and learning among my students.
- Head of Dental Student Scientific Association.
- Inspired colleagues & students ways to seek respective opportunities in the field of dentistry, challenging cases in conservative dentistry, especially operative work.
- Managed the Central Examination Control during final exams.
- Assessing in the quality committees in the faculty of Dentistry in the aforementioned universities
- Co-Director of the VIP Clinics in the educational hospital in Al Nahda University.

### 2. Workshops and seminars (conductance and attendance)

- 36th International Dental Conference CAD/CAM Digital & Oral Facial Aesthetics that was held on 27-28 October 2023 from 09:00 - 18:00 at Madinat Jumeirah Arena & Conference Centre, Dubai, UAE.
- 17th CAD/CAM & Digital Dentistry Conference that was held on 10-13 November 2022 from 10:00 - 18:00.
- Attended & shared the training course entitled “Description of Programs and curriculum maps for Institutions of Higher Education” introduced by The National Authority for Quality Assurance and Accreditation of Education during the period of 18th-20th Sep 2017.
- Attended and met the standards required for completion of 6 training courses in University Management, Effective Presentation Skills, Managing Research Teams, Use of Technology in Teaching, The Credit Hour Systems & International Publishing of Scientific Research which were held in the Faculty and Leadership Development Centre in Cairo University in September 2013.
- Attended & shared in a session about (Self-Assessment of Higher Education’s Organizations) organized by the National Authority for Quality Assurance and Accreditation of Education on 4th-8th of Oct. 2012.
- Attended & shared in a session about (Development of the skills of the University’s Staff members) organized by Al-Nahda University on 11th-13th of Sep. 2012.
- Completed the workshop of “Applying Computer Technologies in Teaching methodologies and Research” organized by Nahda University held on the 4th of July 2012.
- Attended the Scientific Program of Fixed Prosthodontics Department “All about CAD/CAM in One Day” organized by Cairo University-Faculty of Oral and Dental Medicine held on the 18th of June 2012.
- Attended & shared in a training of a session about (International Publishing of Scientific researches) organized by Al-Nahda University in March 2012.
- Attended & shared in a session about (Development of the skills of the University’s Staff members) organized by Al-Nahda University in Sep. 2011.
- Conducted a new research project in CANADA in the summer of 2009 when I was invited as a visiting lecturer to the Restorative Department of Toronto University.
- Attended MRD “Member ship for Restorative Dentistry”, The Royal College of Surgeons of Edinburgh’s Revision Course, held in Misr University for Science & Technology, 6th October in Egypt from 29th-30th July 2008.
- Attended the Workshop on the Impact of Genetics on Dentistry which was held at Misr University for Science and Technology from 6th-8th March 2007.
- Quality Assurance Workshops, Al Nahda University, *Participant* (2011-2013).
- Introduction to E-Learning, Al Nahda University, *Participant* (2011-2013).
- Effective teaching skills, Cairo University, *Participant* (2013).

### 3. Master Theses Supervision

- Influence of Different Curing Modes of Light Emitting Diodes (LED) On Surface Hardness and Color Stability of contemporary Restoratives. Candidate: Ahmed Moustafa Elbadrawy. Supervisors: Prof. Mohamed R Farid, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of MScD (2010).
- Micro-leakage of Self Adhesive resin composite of hyper mineralized dentin. Candidate: Mona Mahmoud Gouda. Supervisors: Prof. Enas Mohy El Din, Dr. Asmaa Harhash. Submitted to Cairo University for partial fulfillment of requirements For Master Degree in Operative Dentistry. (2011)
- Effect of Fluoride releasing protecting layer on Color Stability of Novel Restorative materials. Candidate: Hesham Mohamed El gnedy. Supervisors: Prof. Mohamed R Farid, Dr. Asmaa Harhash. Submitted to Cairo University For partial fulfillment of the requirements of master degree in operative dentistry. (2011)
- Bond strength of bulk and incrementally filled class II direct composite restoration. Candidate: Eman Wafik Ismail. Supervisors: Prof. Mona I. Riad, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2011)
- Depth of Cure and Adaptation of Bulk-Fill Resin Composites. Candidate: Shadwa Hatem Kabil. Supervisors: Prof. Mai Yousry, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements Of Master Degree in Operative Dentistry (2012).
- Effect of Flowable Bulk-Fill Composite on the Microtensile Bond Strength of Adhesives to Tooth Substrates. Candidate: Ahmed Gamal Saad Zaghloul. Supervisors: Prof. Mai Yousry, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry (2012)

- Effect of Curing Time on Degree of Conversion of Three Different Bulk Fill Composites. Candidate: Radwa Nagy Abd el Wahed Ahmed. Supervisors: Ass. Prof. Omaima Ghalab, Dr. Asmaa Harhash. Submitted to Ain Shams University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2013)

- Shear Punch Strength of Resin Composite Incorporating Silver Nanoparticles. Candidate: Ashraf Mohammed Aref. Supervisors: Prof. Mona I. Riad, Dr. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2013)

- Micro Shear Bond Strength of Resin Composite to tooth substrates treated with acid etching or conditioned by laser: An in vitro study. Nour Eldin Ibrahim Amin. Supervisors: Prof. Amira Farid Elzoghby, Ass. Prof. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Master Degree in Operative Dentistry. (2015)

- Surface morphology of erosive enamel lesions remineralized using casein-phosphopeptide amorphous calcium phosphate versus nano-hydroxyapatite in comparison to sodium fluoride by using the Atomic force microscope: An in-vitro study: Amr Ali Ibrahim Abdou Ass. Prof. Eman El Sayad, Ass Prof. Asmaa Harhash. Submitted to Cairo University, in Partial Fulfillment of the Requirements of Master Degree in Operative Dentistry. (2018)

- Effect of Different Finishing systems and Time of finishing on Surface roughness of Bulk-fill resin composite versus Nano resin composite: Ahmed Abdallah Saad El Afify, Prof. Omaima Hassan Ghallab, Prof. Asmaa Harhash. Submitted to Ain Shams University, in Partial Fulfillment of the Requirements of Master Degree in Operative Dentistry. (2019)

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

- Remineralization potential of Nano-hydroxyapatite on Demineralized enamel and dentin lesions (In-Vitro study). Candidate: Wael Mohammed Gamal El-Din AbdelHameed Supervisors: Prof. Maha Niazzy, Prof. Mona I Riad, Dr. Asmaa Harhash. Submitted to Al-Azhar University-Girls Branch, in Partial Fulfillment of the Requirements of Doctor Degree in Operative Dentistry. (2012).

- Effect of Number of Applications of Dentin Desensitizers on Microhardness at Erosive Like Lesions (In Vitro / SEM and In Vivo Study). Candidate: Mayada Said Ahmed Sultan Supervisors: Prof. Maha Niazzy, Dr. Asmaa Harhash. Submitted to Al-Azhar University-Girls Branch, in Partial Fulfillment of the Requirements of Doctor Degree in Operative Dentistry. (2012)

- One Year Clinical Evaluation of White Spot Lesions Treated with Newly Introduced Resin Modified Glass-Ionomer in Comparison to Resin Infiltration in Anterior Teeth: Shaimaa Ahmed. Supervisors: Prof. Mohamed Riad, Ass. Prof. Asmaa Harhash. Submitted to Cairo University for Partial fulfillment of the requirements of Doctor Degree in Operative Dentistry. (2016)

- Effect of different biomimetic materials on white spot lesions in enamel: Eptesam El Begawy Supervisors: Prof. Maha Niazzy, Ass. Prof. Asmaa Harhash. Submitted to Al-Azhar University-Girls Branch, in Partial Fulfillment of the Requirements of Doctor Degree in Operative Dentistry. (2018)

#### **MEMBERSHIP OF SCIENTIFIC ASSOCIATIONS**

**International Association of Dental Research IADR, The UAE-IADR Sector, Egyptian Dental Association EDA**

#### **AWARDS**

Awarded A Certificate of Appreciation from Fayoum University, Faculty of Dentistry for the overall efforts & Role in the Success of this institute in Sep 20<sup>th</sup> 2020.

Awarded The 1st Position for the Best Poster Presentation For the poster titled "Effect of Different Biomimetic Materials on White Spot Lesions in Enamel (A Split Mouth Clinical Trial)" at the MBRU 2022 Dental Education and Research Symposium held on March 19, 2022