



IAUDent Biosketch

Dr. Yousif Ali Al Dulaijan

Assistant Professor - Chairperson, Department of Substitutive Dental Sciences

Personal Data

Nationality | Saudi

Department | Substitutive Dental Sciences

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Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

Academic Qualifications

Date	Academic Degree	Specialty	Place of Issue	Address
May 2018	Doctor of Philosophy (PhD)	Dental biomaterials	University of Maryland-Baltimore	Baltimore, Maryland, USA
November 2014	Master (MDS)	Master of Dental Science	Rutgers University – The state university of New Jersey.	Newark, New Jersey, USA
November 2014	Specialty and Clinical Residency	Prosthodontics	Rutgers University – The state university of New Jersey.	Newark, New Jersey, USA
September 2014	Fellowship and Canadian Board (FRCD(C))	Prosthodontics	Royal College of Dentists of Canada	Toronto, Ontario, Canada
October 2008	Bachelor's degree of Dental Surgery (BDS)	Density	Imam Abdulrahman bin Faisal University (formerly King Faisal University-Dammam)	Dammam, Eastern Province, Saudi Arabia



PhD, Master or Fellowship Research Title

PhD	Development of a New Generation of Dental Rechargeable Nanocomposites with Anti-caries Properties.
Master	Comparison of Compressive and Diametral Tensile Strengths of New Adhesive Luting Agents.

Professional Record

Job Rank	Specialty/Department	Place and Address of Work	Date	
Assistant Professor	Prosthodontics / Substitutive Dental Sciences	College of Dentistry, Imam Abdulrahman bin Faisal University (Formerly University of Dammam)	Aug 2018	Present
Lecturer	Prosthodontics / Substitutive Dental Sciences	College of Dentistry, Imam Abdulrahman bin Faisal University (Formerly University of Dammam)	Jan 2014	Aug 2018
Research Scholar	Dental Biomaterials / Dental Bio-Medical Sciences	University of Maryland- Baltimore. Baltimore, Maryland, USA	Jan 2015	Aug 2018
Prosthodontic Resident	Prosthodontics / Restorative Dental Department	Rutgers University – The state university of New Jersey. Newark, New Jersey, USA	Sept 2011	Nov 2014
Demonstrator	Prosthodontics / Substitutive Dental Sciences	College of Dentistry, Imam Abdulrahman bin Faisal University (Formerly University of Dammam)	Sept 2009	Jan 2014
Intern	General Dentistry	College of Dentistry, Imam Abdulrahman bin Faisal University (Formerly University of Dammam)	July 2008	July 2009
Dental Student	Dentistry	College of Dentistry, Imam Abdulrahman bin Faisal University (Formerly University of Dammam)	Sept 2003	Oct 2010

Board Certification

Certifying Organization	Specialty	Date Certified
The Royal College of Dentist of Canada	Prosthodontics	30th Sept. 2014



Administrative Positions Held

Administrative Position	Office	Date
Member of admission committee of Dentistry	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Dec 2021 - Present
Member of “ensure safety return” committee	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Jun 2021 - Present
Member of Academic Accreditation Steering Committee	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Mar 2021 - Present
<i>Member of the digital integration committee</i>	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	Nov 2020 – Present
Member of the Prosthodontics postgraduate Studies Committee	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	Jun 2020 - Present
<i>Member of Recruitment Committee</i>	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Jun 2020 - Present
<i>Chairperson, Department of Substitutive Dental Sciences</i>	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	Jun 2020 - Present
<i>Member and representative of the department in E-learning, E-evaluation, and distance learning committee</i>	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	Apr 2020 – Dec 2020
<i>Certified item writer and Postgraduate examiner, Prosthodontics</i>	Saudi Commission for Health Specialties, Riyadh, Saudi Arabia.	Feb 2020 - Present
<i>Member of scheduling and follow-up committee</i>	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	Jan 2019 - Jan 2020
<i>Chairperson of Documentation and Record Unit (DEC)</i>	The office of the Vice Deanship for Study, Development, and Community services. College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	Oct 2018 - August 2020
<i>Representative of SDS department (prosthodontics) and member of the Comprehensive Clinical Dentistry (CCD) development course and curriculum Panel.</i>	College of Dentistry, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia.	Aug 2018 - Present
<i>Representative of the graduate students at the Student Affairs.</i>	College of Dentistry, University of Maryland, Baltimore, MD, USA.	Sept 2016 - Apr 2018



SCIENTIFIC ACHIEVEMENTS

Author(s)	Title	Publication	Date
Al-Dulaijan YA, Weir MD, Melo MA, Sun J, Oates TW, Zhang K, Xu HH.	Protein-repellent nanocomposite with rechargeable calcium and phosphate for long-term ion release.	Dental Materials	2018 Sep 27.
Al-Dulaijan YA, Cheng L, Weir MD, Melo MA, Liu H, Oates TW, Wang L, Xu HH.	Novel rechargeable calcium phosphate nanocomposite with antibacterial activity to suppress biofilm acids and dental caries.	Journal of Dentistry	2018;72:44-52.

Other Published Papers

Author(s)	Title	Publication	Date
Gad MM, Ali MS, Al-Thobity AM, Al-Dulaijan YA, El Zayat M, Emam AN, Akhtar S, Khan SQ, Al-Harbi FA, Fouda SM.	Polymethylmethacrylate Incorporating Nanodiamonds for Denture Repair: In Vitro Study on the Mechanical Properties.	European Journal of Dentistry.	2021 Nov 25.
Almulhim, K., Khan, A. S., Alabdulghani, H., Albasarah, S., Al-Dulaijan, Y., & al-Qarni, F. D.	Effect of Ageing Process and Brushing on Color Stability and Surface Roughness of Treated White Spot Lesions: An in vitro Analysis	Clinical, Cosmetic and Investigational Dentistry	1 October 2021 13, 413-419.
Al-Qarni, F., Weir, M., Melo, M. A., Al-Dulaijan, Y., Almulhim, K. S., & Xu, H. H.	Novel calcium phosphate ion-rechargeable and antibacterial adhesive to inhibit dental caries.	Clinical Oral Investigations	10 June 2021
Shahin S, Bugshan A, Almulhim K, AlSharief M, Al-Dulaijan Y.A, al-Qarni F.	Knowledge of dentists, dental auxiliaries, and students regarding the COVID-19 pandemic in Saudi Arabia: A Cross-Sectional Survey.	BMC Oral Health	Dec. 2020
Al-Thobity AM, Gad MM, Farooq I, Alshahrani AS, Al-Dulaijan Y.A	Acid Effects on the Physical Properties of Different CAD/CAM Ceramic Materials: An in Vitro Analysis.	Journal of Prosthodontics	2020 Aug 3.
Ibrahim M., AlQarni F., Al-Dulaijan Y.A, Weir M., Oates,T., Xu H., & Melo M.	Tuning Nano-Amorphous Calcium Phosphate Content in Novel Rechargeable Antibacterial Dental Sealant.	Materials	11.9 (2018): 1544.
Zhang, N.; Zhang, K.; Xie, X.; Dai, Z.; Zhao, Z.; Imazato, S.; Al-Dulaijan, Y.A.; Al-Qarni, F.D.; Weir, M.D.; Reynolds, M.A.; Bai, Y.; Wang, L.; Xu, H.H.K.	Nanostructured Polymeric Materials with Protein-Repellent and Anti-Caries Properties for Dental Applications.	Nanomaterials	2018, 8, 393.



Current Research

Name of Investigator(s)	Title
Al-Dulaijan Y.A, al-Qarni F.D, Almulhim K.S	Effects of Brushing with Conventional versus Whitening Toothpaste on the Roughness and Microhardness of Different CAD/CAM PMMA-Based.
Al-Dulaijan Y.A, al-Qarni F.D, Weir MD, Melo MAS, Almulhim K.S, Sun J, Oates TW, Xu HH.	Novel durable nanocomposite with triple benefits of calcium phosphate recharge, protein-repellent and antibacterial functions to combat secondary caries.
Al-Dulaijan Y.A, Alshehri S.Z, Jaemal H.M, Althabit T.A, Al-Shahrani F.	Evaluation of fracture resistance of CAD/CAM endocrown restorations with variations in ferrule design and pulp chamber extensions

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

Name of Investigator(s)	Title	Conference and Publication Date
Yousif A. Al Dulaijan, Mary Anne S. Melo, Michael D. Weir, Thomas W. Oates, Hockin H. K. Xu.	Protein-repellent nanocomposite with remineralization capabilities and rechargeable calcium phosphate ions.	American Association for Dental Research Annual Meeting, 22-3-2018, Fort Lauderdale, FL, USA (poster presentation)
Yousif A. Al Dulaijan, Mary Anne S. Melo, Michael D. Weir, Hockin H. K. Xu.	Novel rechargeable Dental Nanocomposite with Antibacterial and Durable Remineralization Properties.	International Association for Dental Research Annual Meeting, 23-3-2017, San Francisco, CA, USA (oral presentation).
Yousif A. Al Dulaijan, Mary Anne S. Melo, Michael D. Weir, Hockin H. K. Xu.	Novel Rechargeable Calcium and Phosphate Dental Nanocomposite with Antibacterial and Anticaries.	American Association for Dental Research Annual Meeting, 18-3-2016, Los Angeles, CA, USA (poster presentation)
Yousif A. Al Dulaijan, Robert Flinton.	Full-arch Reconstruction of Complete Edentulism by Staged Approach	Academy of Osseointegration Annual Meeting, 7-3-2014, Seattle, WA, USA (poster presentation).

Contribution to Scientific Conferences and Symposia (CE Course taken for the last 5 years)

Title	Place and Date of the Conference	Extent of Contribution
Annual faculty evaluation training program for vice dean and department chairperson.	Center for Leadership, Vice Presidency for Academic Affairs, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia (21 November 2021)	Attended
Training Program: Academic Supervisors Competencies	Vice Presidency for Academic Affairs, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia (3-4 October 2021)	Attended
Sustainable Table Training Program - For Department chairperson	Center for Leadership, Vice Presidency for Academic Affairs, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia (28-	Attended



	29 September 2021)	
Lean Six Sigma “Yellow Belt Training”	The Deanship of Quality and Academic Accreditation, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia. (October 2020)	Participation
ADA 14 th symposium	College of Dentistry, Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia. (December 2019)	Leader of Audiovisual committee
The registration processes at the Saudi Arabian Qualification Framework (SAQF), Presented by: SAQF- Education and Evaluation Commission (EEC)	Deanship of quality and academic accreditation, <i>Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia. (18-11-2018).</i>	Participation and attendance
Protein-repellent nanocomposite with remineralization capabilities and rechargeable calcium phosphate ions.	American Association for Dental Research Annual Meeting. Fort Lauderdale, FL, USA. (21-24 March 2018).	Attended and presented poster presentation
Novel rechargeable Dental Nanocomposite with Antibacterial and Durable Remineralization Properties.	International Association for Dental Research Annual Meeting. San Francisco, CA, USA. (22-25 March 2017).	Attended and presented oral presentation
The 46th Annual Session of American College of Prosthodontics.	San Diego, Ca, USA. 5-8 October 2016.	Attended
Novel Rechargeable Calcium and Phosphate Dental Nanocomposite with Antibacterial and Anticaries.	American Association for Dental Research Annual Meeting. Los Angeles, CA, USA. (16-19 March 2016).	Attended and presented poster presentation

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	<i>Comprehensive Care Clinic.</i>	<i>(CCD 601) (CCD 607)</i>	Director - Clinics
2	<i>Dental Morphology.</i>	<i>(MORPH 204)</i>	Lectures and laboratories
3	<i>Pre-Clinical Fixed Prosthodontics. 1.</i>	<i>(FIXD 315)</i>	Lectures
4	<i>Pre-Clinical Removable Prosthodontics. 1.</i>	<i>(RMVB 314)</i>	Lectures

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	<i>Classic Literature Review Seminar I</i>	<i>(PROS 834)</i>	Lectures



2	<i>Fixed Prosthodontics I Course</i>	<i>(PROS 832)</i>	Lectures
3	<i>Book Review Seminar II Course</i>	<i>(PROS 830)</i>	Seminar
4	<i>Practice teaching (prosthodontics) I</i>	<i>(PROS 851)</i>	Clinics
5	<i>Practice teaching (prosthodontics) II</i>	<i>(PROS 857)</i>	Clinics

CURRENT TEACHING RESPONSIBILITIES

Name of Institution, City, State	Course Title	Discipline and Level of Students	Total Contact hour per Year	
			Didactic	Clinic/ Laboratory
<i>Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia.</i>	<i>Comprehensive Care Clinic I-III</i>	<i>Undergrade</i>	<i>12/week</i>	<i>Clinic</i>
<i>Imam Abdulrahman bin Faisal University, Dammam, Saudi Arabia.</i>	<i>Comprehensive Care Clinic II-IV</i>	<i>Undergrade</i>	<i>9/week</i>	<i>Clinic</i>

Membership of Scientific and Professional Societies and Organizations, Or Appointments Held In Local, State Or National Dental Or Allied Dental Organizations, Including Appointments To State Boards Of Dentistry And Coda

Name of Organization	Title	From (Year)	To (Year)
Saudi Prosthodontics Society (SPS)	Member	2020	Present
American Association for the Advancement of Science (AAAS)	Member	2015	Present
Fellow of the Royal College of Dentist of Canada	Fellow (FRCD(C))	2014	Present
Academy of Osseointegration (AO)	Member	2012	2015
American College of Prosthodontics (ACP)	Member	2011	Present
Saudi Dental Society (SDS)	Member	2007	Present



Volunteer Work

#	From	To	Type of Volunteer	Organization
1	June 2012	May 2013	<i>Oral Cancer Screening day that held in New Jersey Dental School, UMDNJ, NJ. USA.</i>	<i>Participated and organizing member</i>
2	Apr 2010	Apr 2010	<i>Oral Health Educational Program that held in Alsaudia Primary School, Alkhobar, Saudi Arabia.</i>	<i>Participated</i>
3	Feb 2009	Feb 2009	<i>Orphanage Educational Program that held in, University of Dammam, Dammam, Saudi Arabia.</i>	<i>Participated as a Leader</i>
4	Apr 2008	Apr 2008	<i>Community program for the awareness of smoking effects "Think!" that held in King Faisal University, Dammam, Saudi Arabia.</i>	<i>Participated</i>