

CURRICULUM VITAE

I. PERSONAL PROFILE

NAME: OMAR ABDULLAH ALSADON
ADDRESS: PO Box 10219
RIYADH 11433
SAUDI ARABIA
E-MAIL: OALSADON@KSU.EDU.SA
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II. EDUCATIONAL RECORD

(2017)

DOCTOR OF PHILOSOPHY IN THE FIELD OF DENTAL
TECHNOLOGY AND MATERIALS.
SCHOOL OF CLINICAL DENTISTRY, UNIVERSITY OF SHEFFIELD,
UNITED KINGDOM.

(2012)

MASTER'S DEGREE IN THE FIELD OF DENTAL TECHNOLOGY AND
MATERIALS.
SCHOOL OF CLINICAL DENTISTRY, UNIVERSITY OF SHEFFIELD,
UNITED KINGDOM.

(2007)

BACHELOR DEGREE OF APPLIED MEDICAL SCIENCES IN THE
FIELD OF DENTAL TECHNOLOGY.
COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD
UNIVERSITY, SAUDI ARABIA.

III. EMPLOYMENT

(2017 - PRESENT)

ASSISTANT PROFESSOR AT THE DENTAL HEALTH DEPARTMENT,
COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD
UNIVERSITY, RIYADH, SAUDI ARABIA.
REGISTERED CONSULTANT AT THE SAUDI COMMISSION FOR
HEALTH SPECIALTIES.

(2014 - 2017)

LECTURER AT THE DENTAL HEALTH DEPARTMENT, COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

(2007 - 2014)

TEACHING ASSISTANT AT THE DENTAL HEALTH DEPARTMENT, COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

IV. ADMENSTRATIVE DUTIES

(FEB 2019 - PRESENT)

HEAD OF DENTAL HEALTH DEPARTMENT, COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

(OCT 2017 – MAR 2019)

SUPERVISOR OF THE ACADEMIC ADVISING UNIT AT THE COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

V. OTHER ADMENSTRATIVE AND SCIENTIFIC TASKS

(NOV 2019 - PRESENT)

EXECUTIVE COMMITTEE MEMBER, ENGR. BUGSHAN RESEARCH CHAIR FOR DENTAL AND ORAL REHABILITATION, COLLEGE OF DENTISTRY, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

(SEP 2019 – SEP 2020)

RESEARCH CENTER BOARD MEMBER, COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

(JAN 2019 - PRESENT)

CERTIFIED ITEM AUTHOR, SAUDI COMMISSION FOR HEALTH SPECIALTIES, RIYADH, SAUDI ARABIA.

VI. RESEARCH INTEREST

INTERESTED IN EVALUATING DENTAL MATERIALS, IN PARTICULAR NEW HIGH-PERFORMANCE POLYMERS, ADVANCED DIGITAL MANUFACTURING TECHNIQUES AND STUDY THE IMPACT OF DIFFERENT PROCESSING ROUTES IN DENTAL LABORATORIES ON THE PERFORMANCE OF DENTAL PROSTHESES AND APPLIANCES.

DEVELOPMENT OF DENTAL TECHNOLOGY CURRICULUM AND TEACHING METHODS IN ACCORDANCE TO THE RAPID CHANGES IN DENTISTRY.

STUDY WORK-RELATED ISSUES WITHIN DENTISTRY IN GENERAL, WITH SPECIAL FOCUS ON DENTAL TECHNOLOGY AND PROSTHODONTICS IN SAUDI ARABIA.

VII. PUBLICATIONS/PRESENTATIONS

ALSADON, O., WOOD, D., PATRICK, D., BANGALORE, D. AND POLLINGTON, S., 2022. OPTICAL PROPERTIES OF POLYETHERKETONEKETONE BASED INDIRECT DENTAL RESTORATIONS VENEERED WITH COMPOSITE. *POLIMERY*, 67(4), PP.141-148.

ANIL, S., ALAGEEL, O., **ALSADON, O.**, ALAQEEL, S.M., ALSARANI, M.M., HASHEM, M., FOUAD, H. AND JAVAID, M., 2022. TOPOGRAPHICAL CHANGES AND BACTERICIDAL EFFICACY OF ANTIMICROBIAL PHOTODYNAMIC THERAPY ON TITANIUM IMPLANT SURFACE. *PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY*, P.102882.

ALSADON, O., MOOREHEAD, R., ALMANSOUR, H., BANGALORE, D., ALAGEEL, O. AND WOOD, D., 2022. SURFACE CHARACTERISTICS AND ADHESION OF VENEERING COMPOSITE RESIN TO PAEK-BASED SUBSTRUCTURE RESTORATIVE MATERIALS. *JOURNAL OF PROSTHODONTICS*.

ANIL, S., YAHIA, M.E., ALSARANI, M.M., ALOLAYANI, B.M., **ALSADON, O.**, VELLAPPALLY, S., HASHEM, M. AND FOUAD, H., 2022. ANTIMICROBIAL EFFICACY AND TOPOGRAPHICAL ALTERATIONS OF PHOTODYNAMIC THERAPY VERSUS CONVENTIONAL ANTIMICROBIALS ON CONTAMINATED ZIRCONIA CERAMIC IN VITRO. *PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY*, 38, P.102804.

ALOMARY, A., ALHABBAD, F., GOMAWI, A., **ALSADON, O.**, ALKHTANI, F.M., KHAN, R. AND ALRAHLAH, A., 2021. BOND STRENGTH EVALUATION OF LITHIUM DISILICATE AND ZIRCONIUM OXIDE-BASED SUBSTRUCTURES USING TWO DIFFERENT VENEERING TECHNIQUES. *JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY*, 57(1), PP.1-7.

DURGESH, B.H., ALAQEEL, S.M., AJWA, N., ALKHADHARI, M., **ALSADON, O.** AND MATINLINNA, J.P., 2020. EXPERIMENTAL SILANE PRIMER AND GRIT-BLASTING DISTANCE IN ORTHODONTIC BONDING OF ZIRCONIA SURFACES. *CERAMICS-SILIKATY*, 64(4), PP.469-477.

ALSADON, O., WOOD, D., PATRICK, D. AND POLLINGTON, S., 2020. FATIGUE BEHAVIOR AND DAMAGE MODES OF HIGH PERFORMANCE POLY-ETHER-KETONE-KETONE PEKK BILAYERED CROWNS. *JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS*, P.103957.

MAHMOUD, N.M., FOUAD, H., ALSADON, O. AND SOLIMAN, A.M., 2020. DETECTING DENTAL PROBLEM RELATED BRAIN DISEASE USING INTELLIGENT BACTERIAL OPTIMIZED ASSOCIATIVE DEEP NEURAL NETWORK. *CLUSTER COMPUTING*, PP.1-11.

HASHEM, M., EL-HEJAZI, A.A., NIAZ, M.O., ALSADON, O., ALOLAYANI, B.M. AND FOUAD, H., 2020. BOND STRENGTH OF ROOT CANAL FILLING WITH RADICULAR DENTIN PREVIOUSLY TREATED WITH EITHER PHOTOBIOMODULATION OR PHOTODYNAMIC THERAPY: EFFECT OF DISINFECTION PROTOCOLS. *PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY*, P.101733.

ALSADON, O., WOOD, D., PATRICK, D. AND POLLINGTON, S., 2019. COMPARING THE OPTICAL AND MECHANICAL PROPERTIES OF PEKK POLYMER WHEN CAD/CAM MILLED AND PRESSED USING A CERAMIC PRESSING FURNACE. *JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS*.

ALSADON, O., 2017. EVALUATING POLYETHERKETONEKETONE (PEKK) POLYMER USED FOR FABRICATING FIXED PROSTHODONTICS. DOCTORAL THESIS, UNIVERSITY OF SHEFFIELD.

ALSADON, O., PATRICK, D., JOHNSON, A., POLLINGTON, S. & WOOD, D. 2017. FRACTURE RESISTANCE OF ZIRCONIA-COMPOSITE VENEERED CROWNS IN COMPARISON WITH ZIRCONIA-PORCELAIN CROWNS. *DENTAL MATERIALS JOURNAL*.

ALSADON, O., 2016. COMPOSITE VENEERED PEKKTON® CROWNS: HOW DO THEY COMPARE? (INVITED SPEAKER), PEKKTON® CIRCLE CONFERENCE, BIEL-BIENNE, SWITZERLAND.

ALSADON O., WOOD D, PATRICK D, COPPONNEX T AND POLLINGTON S. STRUCTURAL INTEGRITY OF POLY-ETHER-KETONE-KETONE (PEKK) BASED BI-LAYERED MOLAR CROWNS (POSTER PRESENTATION), THE BRITISH SOCIETY FOR ORAL AND DENTAL RESEARCH (BSODR) CONFERENCE, SEPTEMBER 2015, CARDIFF, UK.

ALSADON O., WOOD D, PATRICK D, COPPONNEX T AND POLLINGTON S. EVALUATION OF THE OPTICAL PROPERTIES OF PEKK BASED RESTORATIONS (POSTER PRESENTATION), THE 2015 IADR/AADR/CADR GENERAL SESSION & EXHIBITION, MARCH 2015, BOSTON, USA.

ALSADON, O. 2012. INVESTIGATING AND OPTIMISING COMPOSITE VENEERED ZIRCONIA LAMINATES. MPhil THESIS, THE UNIVERSITY OF SHEFFIELD.

ALSADON O., WOOD D, JOHNSON A, AND PATRICK D. COMPARISON OF BIAXIAL FLEXURAL STRENGTH OF CERAMIC/COMPOSITE VENEERED ZIRCONIA (POSTER PRESENTATION) AT THE BRITISH SOCIETY FOR ORAL AND DENTAL RESEARCH MEETING (BSODR), SEPTEMBER 2011, SHEFFIELD, UK.

VAN NOORT R, WOOD D, JOHNSON A, ALSADON O. BIAXIAL FLEXURAL STRENGTH OF POLYETHERETHERKETONE PEEK AND

COMPOSITE STRUCTURES (POSTER) AT THE BRITISH SOCIETY FOR ORAL AND DENTAL RESEARCH MEETING (BSODR), SEPTEMBER 2011, SHEFFIELD, UK.

ALSADON O, WOOD D, JOHNSON A, AND PATRICK D. EFFECT OF MECHANICAL RETENTION ON BONDING OF COMPOSITE TO ZIRCONIA (POSTER PRESENTATION). THE IADR/AADR/CADR 89TH GENERAL SESSION, MARCH 2011, SAN DIEGO, USA.

VIII. TRAINING EXPERIANCE

(05/08/2006 - 05/02/2007)

KING FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTER (PART OF INTERNSHIP), RIYADH, SAUDI ARABIA.

(11/02/2006 - 05/08/2006)

ALNAKHEEL MEDICAL CENTER (PART OF INTERNSHIP), RIYADH, SAUDI ARABIA.

(24/09/2005 - 05/01/2006)

RAMAH MEDICAL CENTER, RIYADH, SAUDI ARABIA.

(05/03/2005 - 18/05/2005)

SPECIALIZED MEDICAL CENTER HOSPITAL, RIYADH, SAUDI ARABIA.

(16/06/2004 - 29/07/2004)

SIGAL DENTAL CLINICS, RIYADH, SAUDI ARABIA.

IX. WORKSHOPS/SYMPOSIUMS (SELECTED)

SEP 2021- LEGAL READING OF THE NATIONAL TRANSFORMATION PROGRAM, DEANSHIP OF SKILLS DEVELOPMENT, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

APR 2021- COURSE IN EXECUTIVE PLANNING, DEANSHIP OF SKILLS DEVELOPMENT, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

JAN 2021- RISK MANAGEMENT IN EDUCATIONAL INSTITUTIONS, DEANSHIP OF SKILLS DEVELOPMENT, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

OCT 2020- ACCREDITATION PROGRAM REVIEW PANEL VISIT, DEANSHIP OF SKILLS DEVELOPMENT, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

MAR 2019- LEADING AND MANAGING IN ORGANIZATIONS AND COMPLEX SYSTEMS, CERTIFICATE IN LEADERSHIP IN MEDICAL AND HEALTH PROFESSIONS' EDUCATION, DEANSHIP OF SKILLS DEVELOPMENT IN COLLABORATION WITH DEPARTMENT OF MEDICAL EDUCATION, COLLEGE OF MEDICINE, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

JAN. 2019- ITEM AUTHOR WORKSHOP (CERTIFIED), SAUDI COMMISSION FOR HEALTH SPECIALITIES, RIYADH, SAUDI ARABIA.

JAN 2019- LEADERSHIP AND MANAGING GROUPS AND TEAMS, CERTIFICATE IN LEADERSHIP IN MEDICAL AND HEALTH PROFESSIONS' EDUCATION, DEANSHIP OF SKILLS DEVELOPMENT IN COLLABORATION

WITH DEPARTMENT OF MEDICAL EDUCATION, COLLEGE OF MEDICINE, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

JAN 2019- INTRODUCTION TO EDUCATIONAL AND CLINICAL LEADERSHIP, MANAGEMENT AND FELLOWSHIP, CERTIFICATE IN LEADERSHIP IN MEDICAL AND HEALTH PROFESSIONS' EDUCATION, DEANSHIP OF SKILLS DEVELOPMENT IN COLLABORATION WITH DEPARTMENT OF MEDICAL EDUCATION, COLLEGE OF MEDICINE, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

SEP 2018- IMPROVING STUDENT MOTIVATION, DEANSHIP OF SKILLS DEVELOPMENT, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

SEP 2018- ACTIVE LEARNING AND INTERACTIVITY, DEANSHIP OF SKILLS DEVELOPMENT, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

NOV 2018- THE FUTURE OF APPLIED MEDICAL SPECIALTIES CONFERENCE TOWARDS 2030 (ORGANIZING COMMITTEE MEMBER), RIYADH, SAUDI ARABIA.

OCT 2016- ASSESSMENT & FEEDBACK WORKSHOP, THE SHEFFIELD TEACHING ASSISTANT PROGRAM, UNIVERSITY OF SHEFFIELD, UK.

JAN 2016- TEACHING: DESIGN & DELIVERY WORKSHOP, THE SHEFFIELD TEACHING ASSISTANT PROGRAM, UNIVERSITY OF SHEFFIELD, UK.

JAN 2016- RESEARCH SUPERVISION WORKSHOP, THE SHEFFIELD TEACHING ASSISTANT PROGRAM, UNIVERSITY OF SHEFFIELD, UK.

OCT 2015- SMALL GROUP TEACHING: LABORATORY DEMONSTRATION WORKSHOP, THE SHEFFIELD TEACHING ASSISTANT PROGRAM, UNIVERSITY OF SHEFFIELD, UK.

FEB 2012- SMALL GROUP TEACHING (SEMINAR FACILITATION) WORKSHOP, THE SHEFFIELD TEACHING ASSISTANT PROGRAM, UNIVERSITY OF SHEFFIELD, UK.

NOV 2011- LARGE GROUP TEACHING WORKSHOP, THE SHEFFIELD TEACHING ASSISTANT PROGRAM, UNIVERSITY OF SHEFFIELD, UK.

APR 2009- TRAINING COURSE FOR EVEREST CAD/CAM SYSTEM, KAVO DENTAL GMBH, BIBERACH, GERMANY.

JAN 2009- PERSONAL RELATIONSHIPS MANAGEMENT SKILLS, DEANSHIP OF SKILLS DEVELOPMENT, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

MAY 2008- THE FIRST DENTAL TECHNOLOGY SCIENTIFIC DAY (EXECUTIVE AND ORGANIZING COMMITTEE MEMBER), DENTAL HEALTH DEPARTMENT, COLLEGE OF APPLIED MEDICAL SCIENCES, KING SAUD UNIVERSITY, RIYADH, SAUDI ARABIA.

APR 2008- PRESENTATION AND HANDS ON THE ECLIPSE SYSTEM: LIGHT CURING RESIN MATERIAL FOR REMOVABLE APPLIANCES AND RADICA: LIGHT CURING MATERIAL FOR TEMPORARY CROWN AND BRIDGE, DENTSPLY TRAINING CENTRE, CAIRO, EGYPT.

MAR 2008- SAUDI E-HEALTH CONFERENCE 2008 TOWARDS NATIONAL E-HEALTH, RIYADH, SAUDI ARABIA.

JAN 2007- 18TH SAUDI INTERNATIONAL DENTAL CONGRESS, RIYADH, SAUDI ARABIA.

NOV 2006- QUALITY DAY 2006 – SAFETY FOR ALL, KING FAISAL
SPECIALIST HOSPITAL AND RESEARCH CENTER, RIYADH, SAUDI ARABIA.

OCT 2006- 1ST CAD-CAM INTERNATIONAL DENTAL CONFERENCE,
CENTER FOR ADVANCE PROFESSIONAL PRACTICES (CAPP), DUBAI, UAE

MAY 2006- SAUDI E-HEALTH CONFERENCE 2006, RIYADH, SAUDI
ARABIA.

APR 2006- 2ND JEDDAH DENTAL ESTHETIC CONFERENCE, KING
FAISAL SPECIALIST HOSPITAL AND RESEARCH CENTER, JEDDAH, SAUDI
ARABIA.

MAR 2006- DENTAL LABORATORY EDUCATIONAL DAY, DHAHRAN
DENTAL CLINIC, SAUDI ARAMCO, MEDICAL SERVICES ORGANIZATION,
DHAHRAN. SAUDI ARABIA.

JAN 2006- THE 17TH SAUDI INTERNATIONAL DENTAL CONGRESS,
SAUDI DENTAL SOCIETY, RIYADH, SAUDI ARABIA.