

## Muath Aldosari, BDS MPH DMSc

Current position: Lecturer – College of Dentistry, King Saud University  
Part-time faculty - Harvard School of Dental Medicine

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### Academic Degrees:

**July 2015 – May 2020** Doctor of Medical Sciences – Harvard School of Dental Medicine  
**July 2016 – May 2018** Residency in Dental Public Health - Harvard School of Dental Medicine  
**June 2014 – May 2015** Master of Public Health (MPH), concentration in Epidemiological & Biostatistical Methods for Public Health & Clinical Research - Bloomberg School of Public Health, Johns Hopkins University  
**September 2006 - June 2012** Bachelor of Dental Surgery (BDS) - College of Dentistry, King Saud University, Riyadh, Saudi Arabia.

### Published Papers:

**July 2020** *“Prevalence of oral conditions among methamphetamine users aged 30 - 64 years –NHANES 2009 – 2014”* Hegazi F, Alhazmi H, Abdullah A, Alamer N, Nelson J, **Aldosari M**, Tillman N, Bahdila D, Odani S, Agaku I, Vardavas C  
Journal of Public Health Dentistry

**January 2020** *“Cocaine, Polysubstance Abuse and Oral Health Outcomes, NHANES 2009-2014”* Bahdila D, **Aldosari M**, Abdullah A, Nelson J, Hegazi F, Badamia R, Alhazmi H, Chandel T, Odani S, Vardavas C, Agaku I  
Journal of Periodontology

**April 2020**  
-submitted- *“Assessing Access to Dental Care for Adult Special Needs Patients in Massachusetts Hospitals”* Cruz Walma A, Desai A, **Aldosari M**, Chase I, Ferraro N  
Journal of the American Dental Association

**March 2020**  
-submitted- *“Comprehensive, school-based dentistry: program details and students’ unmet dental needs”* **Aldosari M**, Bukhari O, Ruff RR, Palmisano J, Douglass C, Niederman R, Starr JR  
Journal of School Health

**March 2020**  
-submitted- *“Depression, periodontitis, caries and missing teeth in the United States, NHANES 2009-2014”* **Aldosari M**, Helmi M, Kennedy E, Badamia R, Odani S, Vardavas C, Agaku I  
BMJ Family Medicine and Community Health

**December 2019**  
-cover story- *“Oral Cancer Screening Practices and Smoking Cessation Counseling Among Dentists in the United States, NHANES, 2016”* Nelson JL, Kennedy EN, **Aldosari M**, Agaku I, Vardavas C  
The Journal of the American Dental Association

June 2018 *“Phentolamine Mesylate May be a Safe and Effective Option to Reduce Discomfort and Time to Recovery After Dental Care With Local Anesthesia”*  
Helmi M, Aldosari M, Tavares M.  
Journal of Evidence-Based Dental Practice

November 2017 *“Factors associated with patients’ satisfaction in Brazilian dental primary health care”* Aldosari M, Tavares MA, Matta-Machado ATG, Abreu MHNG  
PLOS ONE <https://doi.org/10.1371/journal.pone.0187993>

### Work Experience:

April 2019- June 2020 Part-time biostatistician - Department of Pediatric Dentistry, Boston Children's Hospital

October 2018- January 2020 Part-time consultant with Hawaz Consulting to establish a behavioral economic unit in the Saudi Arabian Ministry of Health

2016-2017 Analyzing a Brazilian national dataset to evaluate dental primary care

May 2016- July 2016 Intern at the Saudi Ministry of Labor, Enablement & Creativity Sector: Impact evaluation and sustainability analysis of "Israr Award"  
Center for International Development at Harvard University, Riyadh, Saudi Arabia

January-February 2015 Visiting Scholar at King Faisal Specialist Hospital & Research Centre, King Saud University

October 2013- June 2014 Teaching Assistant  
Division of Dental Public Health, College of Dentistry, King Saud University

June 2012- May 2013 General Practitioner: College of Dentistry, Primary dental care at:

- King Saud University
- Special Security Force Hospital
- Riyadh Military Hospital

### Awards:

26 May 2020 Dr. James M. Dunning Award For **“Outstanding research in oral epidemiology/ public health dentistry”**  
Harvard School of Dental Medicine

15 April 2019 3<sup>rd</sup> place for Leverett Graduate Student Merit Award for Outstanding Achievement in Dental Public Health for the project titled:  
**“Oral Cancer Screening Practices and Smoking Cessation Counseling Among Dentists in the United States, NHANES, 2016”** Nelson JL, Aldosari M, Kennedy EN, Agaku I, Vardavas C  
2019 National Oral Health Conference, Memphis, Tennessee

13 February 2014 3<sup>rd</sup> Prize in the Young Dentist Research Award Competition for the project titled:  
**“Comparison of the Shaping Ability of WaveOne™ and Reciproc™ NiTi files”**  
M.A. ALDOSARI, K.K. Al-Manej, S.M. Al-Hadlaq  
The Saudi Dental Society Annual Dental Conference meeting, Riyadh

**Scientific Presentations:**

- April 2020**      ***“Depression, periodontitis, caries and missing teeth in the United States, NHANES 2009-2014”*** Aldosari M, Helmi M, Kennedy E, Badamia R, Odani S, Vardavas C, Agaku I  
2020 National Oral Health Conference, San Diego, California  
(canceled due to Covid-19 pandemic)
- March 2020**      ***“New Caries Prevention Metric: Cumulative Proportion of Sound Teeth (cPrST)”*** Aldosari M, Menzies N, Discepolo K, Douglass C, Maguire K, Starr J  
2020 International Association of Dental Research Annual Meeting & Exhibition, Washington DC (canceled due to Covid-19 pandemic)
- 15 April 2019**      ***“Oral Cancer Screening Practices and Smoking Cessation Counseling Among Dentists in the United States, NHANES, 2016”*** Nelson JL, Aldosari M, Kennedy EN, Agaku I, Vardavas C  
2019 National Oral Health Conference, Memphis, Tennessee
- 24 April 2017**      ***“Factors Associated with Patients’ Satisfaction in Brazilian Dental Primary Health Care”***  
Aldosari M, Tavares MA, Matta-Machado A, Abreu M  
2017 National Oral Health Conference, Albuquerque, New Mexico
- 9 May 2015**      ***“Medical and Social Predictors of Denture Use among the Elderly in Saudi Arabia”***  
Aldosari M, A. Khoja and T. Beaty  
2015 MPH Capstone Symposium, Bloomberg School of Public Health, Johns Hopkins University
- 14 March 2105**      ***“Effect of Nicotine on Anaerobic growth ability of Serotype k-Streptococcus mutans”***  
Aldosari M, Aldosari M, Aldosari A, GREGORY R  
2015 International Association of Dental Research Annual Meeting & Exhibition, Boston-Massachusetts
- 21 March 2014**      ***“Effect of Nicotine on Streptococcus mutans biofilm and atherosclerosis”***  
Aldosari M, Aldosari M, Aldosari A, GREGORY R  
2014 American Association of Dental Research/CADR Annual Meeting & Exhibition, Charlotte- North Carolina
- 17 April 2013**      ***“Comparison of the Shaping Ability of WaveOne™ and Reciproc™ NiTi files”***  
M.A. ALDOSARI, K.K. Al-Manei, S.M. Al-Hadlaq  
American Association of Endodontics 2013 Annual Session, Honolulu-Hawaii
- 13 February 2013,**      ***“Changing a Smile, and Experiencing Failure”***  
5<sup>th</sup> Dental Students' Scientific Meeting, Qassim, Saudi Arabia
- 23 March 2012,**      ***“Effect of Nicotine on Anaerobically-Grown Streptococcus mutans”***  
M.A. ALDOSARI, R. HUANG, M. LI, A.M. ALDOSARI, R.L. GREGORY  
2012 American Association of Dental Research/CADR Annual Meeting & Exhibition, Tampa- Florida

**Administrative Experience:**

- 2015 - 2018**      **Finance Chair and The Dental School Representative** for Harvard Arab Students Association “HASA”, at Harvard University
- August 2014- July 2015**      **Vice President of internal affairs** of “Saudi Health Organization” at Johns Hopkins University

- 6-8 February 2012** Chief of the Organizing Committee of "the 1st Annual Meeting of Saudi Dental Students' Club, SDSC"
- 2011-2013** Co-Founder and President of the Saudi Dental Students' Club "SDSC"
- 2010-2012** Executive member & Chief of the Scientific team in Students' Research Club, King Saud University
- 2010-2012** Students' Representative - Student Support Committee
- 16 June-18 July 2012** Member of Organizing Committee of a 5-week program, the 1<sup>st</sup> "Summer Research Program- SRP", College of Dentistry, King Saud University

### Community Work:

- 2014** Co-presenting a free 6-week Arabic massive open online course "Introduction to Dentistry" on Rwaq.org
- May 2013** Participation in an oral health awareness campaign for Rural Primary Schools – AlGat, Saudi Arabia
- 2010 - 2011** Member of Organizing Committee of two annual "Let Us Keep It" dental community campaign, King Saud University – Riyadh

### Language Skills:

- Arabic** Native
- English** Advanced

### Software Skills:

- STATA** Advanced
- Excel** Advanced
- SAS** Beginner
- R** Beginner

### Scientific Memberships:

- 2015-current** American Association of Public Health Dentistry
- 2014- 2019** American Public Health Association
- 2012-current** American Dental Association
- 2011- current** International Association for Dental Research
- 2009- 2014** Saudi Dental Society