

Sabha Mahmoud Al Shatrat

Faculty of Applied Medical Sciences
Applied Dental Sciences Department
Jordan University of Science and Technology
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EDUCATION:

PhD- Health Services Research
Norfolk, Virginia
USA

December 2015

Master of Science in Dental Hygiene
Old Dominion University
Norfolk, Virginia
USA

May 2011

Virginia Board of Dentistry License
National Board of Dental Hygiene Examination, USA
Southern Regional Testing Agency Clinical Dental Hygiene Exam

Number: 0402207288
May 2010

Bachelor of Science in Dental Hygiene
Jordan University of Science and Technology
Irbid, Jordan

June 2005

Diploma in Dental Hygiene

June 1996

Amman Training College
Amman, Jordan

PROFESSIONAL EXPERIENCE:

- Assistant Professor** Feb 2016- Present

 - Faculty of Applied Medical Sciences-Applied Dental Sciences Department-Jordan University of Science and Technology-Jordan

- Chairman of The Department of Applied Dental Sciences** 2019-Present

Jordan University of Science and Technology-Jordan

- Graduate Research Assistant** May-November 2014

 - GRA for Dr. James Alan Neff. Professor of Community and Environmental Health. Norfolk, VA
 - Responsible for literature review and data analysis using a software program called **NVivo** which does qualitative analysis.

- Internship at Access Partnership Organization** Spring [January- May] 2013

 - The focus for the internship was on Access to Behavioral Health Services for uninsured and financially disadvantaged adults in South Hampton Roads (cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach)

- Graduate Research Assistant** May- August 2011

 - GRA with Gayle McCombs, Professor and Director of Dental Hygiene Research Center in Norfolk, VA.
 - To evaluate the plaque reduction of a power brush compared to an ADA reference manual toothbrush Using DPIA was the main interest of the research.

- Teaching Assistant for Oral Radiology Lab** 2009-2010

School of Dental Hygiene, Old Dominion University, Norfolk, Virginia.

- Research and Teaching Assistant - Department of Allied Dental Sciences** 2005-2007

Jordan University of Science and Technology

- Dental Hygienist – Private Dental Practice** 1997-2000

Dr. Afaf Taha, Orthodontist, Amman, Jordan

TEACHING

Teaching in Allied Dental Sciences Department, Jordan University of Science and Technology, Irbid, Jordan. I am responsible for the following courses.

Adminstartion and Quality Assurance in Applied Medical Sciences-ADS 491

Clinical Oral Hygiene 4-ADS 484

Oral Medicine -ADS 441

Community Oral health -ADS 463

Clinical Oral Hygiene 2-ADS 384

Clinical Oral Hygiene 2 Practicle -ADS 386

Periodontology 1-ADS 351

Periodontology 2-ADS 352

Periodontology 2 Practicle-ADS 354

Courses shared with other Instructors

Clinical Oral Hygiene 1 Practicle -ADS 383

Clinical Oral Hygiene 3 Practicle -ADS 483

Research Project 493

Community Oral Health 1 Practicle ADS 465

CERTIFICATION

- Dental Radiation Safety Certificate – Old Dominion University- USA
- National Board Dental Hygiene Examination-USA-with 92/100 score
- Southern Regional Testing Agency Clinical Dental Hygiene Exam
- Virginia Board of Dentistry License
 - License Number: 0402207288
- Statistical Analysis using Minitab (Jan- 2018)
- Online learning Design (April-2018)
- Modeling and Simulation Certificate
 - Arena Basic software TM (Rockwell Software Corporation)
 - Esri: Learning ArcGIS Desktop Basic (for ArcGIS 10)

- Preparing Future Faculty [PFF] Certificate-ODU-USA:
 - Documents competition of a certain numbers of activities related to preparing for an academic career.
- Faculty Summer Institute: Bridging the Gap Between teaching and learning-ODU-USA.
- ODU's Leadership Certificate Program
- Training for Intervention Procedures [TIPS] certificate ODU-USA:
 - Is a skills training program designed to gain skills to prevent intoxication in others and to intervene with those who have misused alcohol.
- Collaborative Institutional Training Initiative (CITI): Biomedical Research
- Virginia Dental Home Initiative-Early-childhood Training, USA
- Research Bioethics Workshop (18-8-2016)
- Non-surgical clinical instrumentation and sharpening Workshop by Hu-Friedy University Program (19-9-2019)

COMMUNITY SERVICES (ACTIVITIES):

- (11-4-2019) Free Dental Day at Kufur Yoba Secondary Comprehensive School
- (20-3-2019) Free Dental Day for individuals with special needs at Academy Excellence Comprehensive Autism
- (9-1-2018) Free Dental Day for elderly and individuals with removable dentures at Dental Teaching Center, Irbid, Jordan
- (24-12-2017) Oral Health Educational Day at Wasen Center for Autism and Special Disabilities-Irbid
- (22-4-2017) The Second Dental Hygiene Day of Applied Dental Sciences Department " seal it to keep it". JUST
- (21-12-2016) Oral Health Educational Day at Nazek Al Hariri for Disabilities and Special Needs- Amman
- (13-11-2016) Oral Health Educational Day at King Abdulla Hospital, children and OPGYN clinics
- (25-10-2016) Oral Health Educational Day at Blindness Academy -Amman
- (2-10-2016) Oral Health Educational Day with the Jordanian Dental Hygiene Association at Saria Center -Irbid

FACULTY COMMITTEES

- (2019-2020): "Graduate Studies" Committee (Member)
- (2019-2020): "Community Public Health Services" Committee (Head)
- (2019-2020): "Accreditation" Committee (Member)
- (2019-2020): "Modifying and Developing Academic Planner" Committee (Member)
- (2019-2020): "Quality Assurance" Committee (Member)
- (2019-2020): Strategic Planning committee (Member)
- (2018-2019): "Community Public Health Services" Committee (Member)
- (2016-2019): "University Library" Committee (Member)

DEPARTMENT COMMITTEES:

- (2018-2021): “Modifying and Developing the Allied Dental Sciences Program Academic Planner (Member)
- (2019-2021): “Students Complaints and Problems” Committee (Head)
- (2018-2021): “Community Public Health Services” Committee (Member)
- (2018-2021): “Scientific Research” Committee (Member)
- (2018-2019): “University Library” Committee (Head)
- (2018-2019): “Quality Assurance Knowledge Fields (Member)
- (2017-2018): “Community Public Health Services” Committee (Head)
- (2017-2018): “Scientific Research” Committee (Member)
- (2016-2017): “University Library” Committee (Head)
- (2016-2017): “Modifying and Developing the Allied Dental Sciences Program Academic Planner (Member)
- (2016-2017): Accreditation Committee (Member)

EXTERNAL COMMITTEES

Ministry of Health (2020-Present): Jordanian Dental Hygiene Licensure Regulations Committee (Member)

Ministry of Health (12-3-2020): Jordanian Dental Hygiene Licensure Examination Committee (Member)

Civil Service Bureau (12-7-2016): Writing Employment questions for Civil Service Bureau Allied Dental Sciences students

PUBLICATION

Journal Articles

Alshatrat, S., Shuman, D., Darby, M, and Jeng, A. (2013). Jordanian dentists' knowledge and implementation of eco-friendly dental office strategies. *International Dental Journal*, 63(3) p: 161-168. doi: 10.1111/idj.12031

Neff, J., Gunsolly, J. & **Alshatrat, S.** (2015). Topical Trends in Tobacco and Alcohol Publications in Three Dental Journals: 1980 – 2010. *Journal of Dental Education*, 79(6), 671-9.

Alshatrat SM, Alotaibi R, Sirois M, Malkawi Z. (2018).The use of immersive virtual reality for pain control during periodontal scaling and root planing procedures in dental hygiene clinic. *International Journal of Dental Hygiene*, 17(1):71-76. doi: 10.1111/idh.12366. Epub 2018 Oct 9. PMID: 30216688.

Alshatrat SM, Al-Bakri IA, & Al-Omari WM. (2020). Dental Service Utilization and Barriers to Dental Care for Individuals with Autism Spectrum Disorder in Jordan: A Case-Control Study. *International Journal of Dentistry*. doi:10.1155/2020/3035463

Alshatrat SM., AL Bakri I A ., AL Omari WM., & Tabnjh A. (2021). Oral health knowledge, behavior, and access to dental care in visually impaired individuals in Jordan: A case-control Study. *The Open Dentistry Journal*,15(1):33-40. doi:10.2174/1874210602115010033

Alshatrat, S.M., Al-Bakri, I.A., Al-Omari, W.M., & ALMortadi, N. (2021). Oral health knowledge and dental behavior among individuals with autism in Jordan: a case-control study. *BMC Oral Health* 21, 62 (2021). doi.org/10.1186/s12903-021-01423-4

Alshatrat, S.M., Sabrini, J., Hammouri, H. Al-Bakri, I.A., & Al-Omari, W.M. Effect of Immersive virtual reality on pain in different dental procedures in children. *International Journal Of paediatric Dentistry*. Accepted for publication June 8, 2021.

CONFERENCES

- **4th Global Dental Hygiene Research Conference, Ottawa, Canada; October 2017**
 - Poster Presentation entitled “Predictors of Preventive and Emergency Dental Service Use with Diabetes Status using Andersen and Newman Framework”.
- **International Association for Dental Research (IADR), London, England; July 2018.**
 - Poster Presentation entitled “The Use of Virtual Reality for Pain Control during Periodontal Scaling and Root Planing Procedures” .
- **American Public Health Association (APHA), USA; November 2018.**
 - Poster Presentation entitled “A Cross-sectional Study on Oral Health Knowledge, Behavior, and Access to Dental care in Autistic Individuals in Jordan: Caregiver Perspective”.
- **Discover-CDHA National Conference, Canada, October 2019**
 - Poster Presentation entitled “Oral Health knowledge and challenges in Jordanian individuals with autism: case-control study”.
- **American Public Health Association (APHA) Annual meeting and Expo, USA; November 2019**
 - Poster Presentation entitled “Oral Health knowledge and challenges in Jordanian individuals with vision impairment: Caregiver perspective”.
- **American Dental Hygienist Association, ADHA 2021Annual Conference phoenix, June 2021**

THESIS Projects

Advisor for Malli Altaha thesis which entitled " Evaluation of Dental Technician' Awareness and Compliance of Safety in dental laboratories in Irbid-June 2020

Co-advisor for Rawia Qaassem thesis which entitled " The role of Social Media in Oral Health Promotion and Oral Health behavior Change among University Students In Jordan. Defense date June 16, 2021

ACADEMIC Projects:

- (2016): “Asthma and Oral Diseases” Project for Allied Dental Sciences undergraduate students-

MEMBERSHIP

International Association for Dental Research (IADR)	2018-2019
American Public Health Association	2018-2019
	2019-2020
Academy Health Organization, USA	2015-2016
Jordanian Dental Hygiene Association, Jordan	2016-present
American Dental Hygienist Association, USA ,	2018,2020, present

HONORS, AWARDS and PRIZES:

Old Dominion University Fellowship – Virginia, USA	2011-2015
Jordan University of Science and Technology Scholarship-Jordan	2008- 2011
Alpha Eta, Allied Health Honor Society	inducted 2010
Phi Kappa Phi, Honor Society	inducted 2009
Golden Key, Honor Society	inducted 2008

Research Funded by JUST:

Oral Health Knowledge, Behaviors and Dental Service Utilization among Persons with Disability- from Deanship of Research-JUST, Jordan, Research Number 20170032.

The Use of Virtual Reality for Pain Control During Scaling and Root Planing- from Deanship of Research-JUST, Jordan, Research Number 20170025

Effect of Immersive virtual reality on pain in different dental procedures in children from Deanship of Research-JUST, Jordan, Research Number 20190440

ONGOING FUNDED RESEARCH

- Associations between oral hygiene knowledge and practice with COVID-19 infection and severity
- Knowledge and Preparedness of Oral Health Professionals to manage Jordanian Young Adults with oral piercing.
- Total antioxidants capacity and peroxidation index for smokers with periodontitis

RESEARCH INTEREST:

My research interests are

- Health services research, health outcomes, improving delivery of health services, and access to care.
- Using modeling and simulation to assess the impact of emerging technology used by dental hygienists
- Oral health promotion and prevention

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Research Gate:

[Sabha ALSHATRAT | Professor \(Assistant\) | PHD health services research | Jordan University of Science and Technology, Irbid | Just | Department of Allied Medical Sciences \(researchgate.net\)](#)

Google Scholar: [_SabhaAlshatrat - Google Scholar](#)