

Sarah Abu Arqub, B.D.S., M.Sc., M.Dent.Sc.

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PROFESSIONAL PROFILE

Highly motivated, dedicated, and collaborative professional with a comprehensive educational background in Dental Science, clinical Orthodontics, and research, coupled with extensive expertise and proven leadership skills. Equipped with outstanding communication and interpersonal skills to collaborate with health care providers while demonstrating proficiency during clinical practice and teaching. An innovative and accountable individual with the ability to multitask while implementing continuous process improvements. Leveraging a proven track record of work ethic, professionalism, integrity, passion, and a vision to drive educational and clinical growth and success by delivering work excellence and productivity and help others achieve their goals. Demonstrating passion and enthusiasm in empowering dental students and colleagues about orthodontics to realize their full potentials.

Core Competencies/Areas of Expertise

Leadership Skills & Collaboration | Teamwork | Sales | Effective Problem-Solving | Superior Communication Skills | Persuasion | Negotiation | Flexibility & Adaptability | Time Management Skills | Work Ethics | Keen Attention to Details | Sound Judgment | Cultural Awareness & Sensitivity | Strategy Development | Clinical Expertise | Digital Dentistry | Manuscript Writing | Research & Documentation | Technical Writing | Medical Center Management | Patient Care | Dentofacial Orthopedics | Training & Mentoring | Clinical Instruction | Medical Terminologies | Dental Students Teaching | Resident Mentoring

Computer & Technical Expertise: Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

Digital orthodontics Expertise: OrthoCad, Orthoanalyzer, 3D printing, In House aligners, CBCT in Vivo

EDUCATION AND PROFESSIONAL DEVELOPMENT

- Master's in Dental Science (**M. Dent. SC**), University of Connecticut School of Dental Medicine, Farmington, CT (**2019 – 2022**)
- Certificate in Orthodontics (**Advanced Standing Program**), Division of Orthodontics, Dept of Craniofacial Sciences, University of Connecticut School of Dental Medicine, Farmington, CT (**2019 – 2022**)
- **Fellowship** in Craniofacial Orthodontics (**Clinical & Research Fellow**), Dept of Craniofacial Sciences, University of Connecticut, Farmington School of Dental Medicine, CT (**2013 – 2014**)
- Master of Dental Science in Orthodontics (**M. Dent.Sc**), Jordan University of Science and Technology, Irbid, Jordan (**2005 – 2007**)
- Bachelor of Dental Surgery (**BDS**), University of Jordan, Amman, Jordan (**1998 – 2003**)

Professional Teaching and Clinical Experience

Clinical Assistant Professor , Department of Orthodontics, The University of Florida, Gainesville, FL	July 2022-Now
Chief Resident , Department of Orthodontics, University of Connecticut, Farmington, CT	June 2021 – July 2022
Graduate Teaching Assistant , Department of Orthodontics, University of Connecticut, Farmington, CT	June 2021 – July 2022
Associate Orthodontist , Sunna Orthodontic Center, Amman, Jordan	August 2014 – May 2019
Associate Orthodontist , Salaita Dental Center, Amman, Jordan	November 2007 – July 2013
Graduate Teaching Assistant , Department of Orthodontics, Jordan University	January 2004 – December 2004
Teaching Assistant/Clinical Attachment Position , Department of Orthodontics, Jordan University Hospital	January 2004 – December 2004

COURSES/CERTIFICATIONS/LICENSES/WORKSHOPS:

- **Diplomat of the American Board of Orthodontics – ABO Certified** | 2023
- **Professional National Institutes of Health (NIH) Grant Development, Grant training center**, Arlington, Virginia| Jan 2023
- **Consortium for Orthodontic Advances in Science and Technology (COAST)**, UCLA | Nov 2022
- **The Aligner Intensive Fellowship, Invisalign Fundamentals**, Align Technology| Feb 2022
- **How to Conduct and Publish Systematic Reviews and Meta-Analyses: ADA Hands-On Workshop**, American dental Association | November 2021

- **Clear Aligner Advanced Residency Education (CAARE), Align Technology:** Align Experience Center, Raleigh, NC | November 2021
- **BLS Provider** - American Heart Association | May 2021
- **I.V. Conscious Sedation Permit:** Eligible for certification
- **American Board of Dental Examiners (ADEX) Dental Examination (NERB Exam): Pass** | February 2021
- **Licensed Orthodontist,** Health Authority-Abu Dhabi | April 2017
- **National Board Dental Examination Part II:** Pass | May 2012
- **National Board Dental Examination Part I:** Pass | September 2011
- **Certification,** Royal College of Surgeons, Faculty of Dentistry and Dental Surgery, Ireland | 2006
- **Clinical Training in Orthodontics,** Royal Medical Services-Orthodontic Department, Amman, Jordan | July 2005 – August 2005
- **Excellence in Orthodontics Course** by Dr. David Birnie and Dr. Nigel Harradine, 2005
- **"Straight Wire Low Friction" Course** by Dr. David Suarez, 2005
- **Clinical Attachment Position in Orthodontics,** Department of Pediatric Dentistry and Orthodontics, Faculty of Dentistry, University of Jordan Hospital, Amman, Jordan | January 2004 – December 2004
- **Clinical Training in General Dentistry,** University of Jordan Hospital, Amman, Jordan | June 2003 – December 2003

PUBLICATIONS

- **SA Arqub,** V Gandhi, MG Iverson, M Ahmed, CL Kuo, J Mu, E Dutra, The effect of the local administration of biological substances on the rate of orthodontic tooth movement: a systematic review of human studies. **Progress in Orthodontics** 22 (1), 1-12
- **SA Arqub,** V Gandhi, S Mehta, L Palo, M Upadhyay, S Yadav. Survival estimates and risk factors for failure of palatal and buccal mini implants. **The Angle Orthodontist** (2021)
- **SA Arqub,** S Mehta, MG Iverson, S Yadav, M Upadhyay, M Almuzian. Does Mini Screw Assisted Rapid Palatal Expansion (MARPE) have an influence on airway and breathing in middle-aged children and adolescents? A systematic review. **International Orthodontics** (2021)
- EN Katsikogianni, **SA Arqub,** T Chandhoke, NN Giannakopoulos, Dental features and treatment findings of impacted maxillary central incisors: A multicenter study. **International Journal of Orthodontic Rehabilitation** 2019 10 (1), 1
- **SA Arqub,** SN Al-Khateeb. Perception of facial profile attractiveness of different antero-posterior and vertical proportions. **The European Journal of Orthodontics** 33 (1), 103-111
- **SA Arqub,** R Voldman, A Ahmida, Chia-Ling Kuo; Lucas Da Cunha Godoy; Yousef Nasrawi; Susan N Al-Khateeb; Flavio Uribe. Evaluation of various aspects of COVID-19 that are relevant to clinical orthodontics in adult orthodontic patients: a cross sectional survey, **Progress in Orthodontics** 22 (1), 1-12
- **SA Arqub,** Al-Abedalla K, Ioannidou E, Uribe F. The Biological Sex Lens on Early Orthopedic Treatment Duration and Outcomes in Class III Orthodontic Patients: A Systematic Review. **European Journal of Orthodontics** EJO 2021
- **Abu Arqub SA,** F Uribe, Villegas C. Condylectomy as a Treatment Approach to Condylar Hyperplasia. **Orthodontic Waves** 2021
- F Uribe, **Arqub SA.** A case of implant site development through root tipping. **AJO-DO Clinical Companion** 2021
- Mehta Sh, **Arqub SA,** Sharma R, Patel N, Tadinada A, Upadhyay M, Yadav S. Variability associated with mandibular ramus area thickness and depth in subjects with different growth patterns, gender, and growth status. **AJODO** 2021
- S Mehta, **Abu Arqub SA,** M Lagravere Vich, A Tadinada, M Upadhyay, S Yadav. Immediate and Long-Term Effects of Conventional and Mini-Screw Assisted Rapid Palatal Expansion on Root Resorption. **AJODO** 2021
- Upadhyay M, **Abu Arqub SA.** Biomechanics of clear aligners: Hidden Truths and first principles. **J of the World Federation of Orthodontists** 2021

- A Hariharan, **Arqub SA**, F Uribe. Evaluation of interproximal reduction in individual teeth, and full arch assessment in clear aligner therapy: digital planning versus 3D model analysis after reduction. **Progress in Orthodontics** 2022
- F Uribe, **Arqub SA**. Stability of treating an impinging deep overbite and supraerupted maxillary second and third molars using absolute anchorage with endosseous dental implant and rare earth magnets. **AJO-DO Clinical Companion** 2022
- Ross G, **Abu Arqub SA**, M Vishwanath, S Mehta, A Tadinada, S Yadav, M Upadhyay. Estimating the 3-D location of Impacted Maxillary Canines: A CBCT based analysis of severity of impaction. **Orthod Craniofacial Research** 2022
- **SA Arqub**, Mehta S, V Gandhi, MG Iverson, Yadav S. Comparison between the effects of Mini screw Assisted Rapid Palatal Expansion (MARPE) and Rapid Palatal Expansion on Root Resorption: systematic review. **EJO (2021)**
- **SA Arqub**, Banakah S, Uribe F. Association between initial complexity, frequency of refinements, treatment duration, and outcome in Invisalign® orthodontic treatment. **AJODO (2022)**
- **SA Arqub**, Bashir R, Obeng K, Upadhyay M, Yadav S. Survival and failure rate of lower lingual bonded retainers: a retrospective cohort evaluation. **Orthod Craniofacial Research** 2022
- **SA Arqub**, Zubi K, Waleed M, Uribe F. A Foresight on the influence of the Technology Enhanced Learning (TEL) in orthodontics' education: A Systematic Review. PROSPERO: CRD42020190257. **European Journal of Dental Education** (2022)
- **Dalya Al-Moghrabi, Aslam Alkadhimi, Muteb Algharbi, Abu Arqub Sarah, Padhraig Fleming**. The effectiveness of adjuncts or alternatives to the use of orthodontic retainers in preserving post-treatment outcomes: a systematic review. **AJODO (2022)**
- Kwon T, Alshehri A, Palo L, Kuo C, Mu J, Blanck N, Nanda R, **SA Arqub**, Uribe, F. Assessment of the Occlusal Outcomes in Patients treated with Orthognathic Surgery and Invisalign. **Orthodontics and Craniofacial research** (2022)
- Al-Moghrabi D, Albishri RS, AlShehri RD, **Arqub SA**, Alkadhimi A, Fleming PS. An analysis of dental articles in predatory journals and online engagement [published online ahead of print, 2022 Dec 3. **J Dent.** 2022
- **SA Arqub**, Yadav S. An insight into aligner therapy protocols and preferences among the members of the American Association of Orthodontists in the United States and Canada: an online survey study. (*Partners in research project with AAO*). **The Angle Orthodontist (2023)**
- Farha Ph, **SA Arqub**, Ghousseub M. Correlation Between Cephalometric Values and Soft Tissue Profile in Class I and Class II Adult Patients. **Turkish Journal in Orthodontics (2023)**.
- Farha Ph, Nguyen M, Karanth D, Calogero D, **SA Arqub**. Orthodontic Localization of Impacted Canines: Review of the Cutting-edge Evidence in Diagnosis and Treatment Planning Based on 3D CBCT Images. **Turkish Journal in Orthodontics (2023)**.
- **Sarah Abu Arqub**, Dalya Al-Moghrabi, Marissa G Iverson, Philippe Farha, Hala Abdullah Alsalman, Flavio Uribe. Assessment of the efficacy of various maxillary molar intrusion therapies: a systematic review. **Progress in Orthodontics (2023)**.
- **Sarah Abu Arqub**, Michael Nedjat-Haiem, Max Einbinder, Niloufar Azami, Chia-Ling Kuo, Amirtha Hariharan, Flavio Uribe. Characterizing orthodontic tooth movement in real time using dental monitoring scans: A pilot study. **Orthodontics & Craniofacial Research (2023)**.
- **SA Arqub**, D Al-Moghrabi, A Tsihklaki, D Sanders, F Uribe. The Dark side of Fixed retainers. **AJODO 2023**
- **Sarah Abu Arqub**, Renee Greene, Sara Greene, Kolbe Laing, Chia-Ling Kuo, Lucas Da Cunha Godoy, Flavio Uribe. Ridge mini-implants, a versatile biomechanical anchorage device whose success is significantly enhanced by splinting: a clinical report. **Progress in orthodontics (2023)**

- **Sarah AbuArqub**, Dalya Al-Moghrabi, Aslam Alkadhimi, Padhraig S Fleming. Social media use among orthodontic professionals: Present and future. **Seminars in Orthodontics (2023)**
- Mahdi Taebi Harandi, **Sarah Abu Arqub**, Emma Warren, Chia-Ling Kuo, Lucas Da Cunha Godoy, Shivam Mehta, Jonathan Feldman, Madhur Upadhyay, Sumit Yadav. Assessment of clear aligner accuracy of 2 clear aligners systems. **AJODO (2023)**
- **Sarah Abu Arqub**, Niloufar Azami, Dalya Al-Moghrabi. The evolution of maxillary protraction techniques in the early management of Class III malocclusion. **Seminars in Orthodontics (2023)**
- Dalya Al-Moghrabi, Aslam Alkadhimi, **Sarah Abu Arqub**, Padhraig S Fleming. Blanket or tailored prescription of retainers in orthodontics: a questionnaire-based study. **The Angle Orthodontist (2023)**.
- **Sarah Abu Arqub**, Dalya Al-Moghrabi, Marissa G Iverson, Philippe Farha, Hala Abdullah Alsalman, Flavio Uribe. Assessment of the efficacy of various maxillary molar intrusion therapies: a systematic review. **Progress in Orthodontics (2023)**
- Dalya Al-Moghrabi, **Sarah Abu Arqub**, Padhraig S Fleming. Can ChatGPT identify predatory biomedical and dental journals? A cross-sectional content analysis. **Journal of Dentistry (2024)**.
- **Sarah Abu Arqub**; Dalya Al-Moghrabi; Veerasathpurush Allareddy; Madhur Upadhyay; Nikhilesh Vaid; Sumit Yadav. Content analysis of AI-generated (ChatGPT) responses concerning orthodontic clear aligners. **The Angle Orthodontist (2024)**.
- **Sarah Abu Arqub**, Alexandra Brow. Selective Bracket Bonding for Torque correction. **JCO (2024)**
- **Sarah Abu Arqub**, Renee Greene, Sara Greene, Kolbe Laing, Chia-Ling Kuo, Lucas Da Cunha Godoy, Flavio Uribe. Retrospective Evaluation of the Success Rate and Factors Associated with the Stability of Alveolar Ridge Orthodontic Miniscrews: Pilot study. **JWFO (2024)**

UNDER REVIEW:

- S Mehta, Po-Jung Chen, **Sarah Abu-Arqub**, Madhur Upadhyay, Chia-Ling Kuo, Jinjian Mu, Sumit Yadav. Effect of Proximity of Roots to Cortical Plate and Inclination of Incisors on External Apical Root Resorption. **KJO 2021**
- **Abu Arqub SA**, A Hariharan, Banakhah S, F Uribe. Accuracy assessment of In-vivo Full Arch Scans Made by the iTero Element® Intraoral Scanner. **Journal of Orthodontics (2023)**
- Muheisen S, Abdulsalam R, **SA Arqub**, Khan H. The Iatrogenic Effects of COVID-19 Lockdowns on Orthodontic Patients. **Journal of Orofacial Orthopedics (2023)**
- Al-Shehri A, **Abu Arqub SA**, B A, M Upadhyay Comparative Assessment for the Use of Mini-screws and Fixed Functional Appliances in Mandibular Molar Protraction: A Retrospective clinical study for the Rate and Type of tooth movement. **OCR (2024)**
- **Sarah Abu Arqub**, Dalya Al-Moghrabi, Chia-Ling Kuo, Lucas Da Cunha Godoy, Flavio Uribe. Perceptions and utilization of tele-orthodontics: A survey of the members of the American Association of Orthodontics. **Progress in Orthodontics (2024)**
- Monique Ngyen, Dalya Al-Moghrabi, Lauren Tomilson,, Calogero Dolce, **Sarah Abu Arqub**. Early Orthodontic Treatment Practices and Perceptions: A Survey of American Association of Orthodontists' members. **Angle Orthodontics (2024)**

PUBLICATIONS IN PROGRESS:

- **Abu Arqub SA**, Vaibhav G, Ahmed M, S Yadav Influence of PRP on orthodontic tooth movement: A systematic review of experimental animal studies. 2021
- **SA Arqub, Uribe F, Banakhah S**. Detailed evaluation of the effects of piezotome-corticision assisted orthodontics on the overall orthodontic treatment duration in patients with moderate to severe lower anterior crowding. The Angle Orthodontist 2022
- **SA Arqub**, Greene R, Greene S, Uribe F. Retrospective Evaluation of the Success Rate and Factors Associated with the Stability of Alveolar Ridge Orthodontic Miniscrews. European Journal of Orthodontics 2022
- Hebert M, **SA Arqub**, Yadav S. Clinical evaluation of Orthodontic relapse following clear aligner therapy. AJODO 2023
- **SA Arqub**, Al-Moghrabi D, Updhyay M, Vaid N, Alarreaddy S, Yadav S. Let's have a chat: content analysis of an AI- generated (ChatGPT) responses to questions related to orthodontic clear aligners. Angle Orthodontists (2023)
- **SA Arqub**, Alkhadimi A, Al-Moghrabi D, Fleming. Orthodontic information available on social media: Its quality, impact on the profession and how best utilized to improve patient outcomes. Seminars in Orthodontics (2023)

RESEARCH

ORIGINAL RESEARCH (*DISSERTATION*):

- **A randomized, clinical trial comparing outcomes of open- versus closed-surgical exposure of Palatal Impacted Maxillary canines and providing a comprehensive 3D spatial localization of the PIC.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Madhur Upadhyay B.D.S., M.D.S., M.Dent.Sc. (2022)
- **Perception of Facial Profile Attractiveness of Different Antero-posterior and Vertical Proportion.** Jordan University of Science and Technology, Department of Orthodontics; Advisor: Susan N. Al-Khateeb, BDS, PhD (2007)

ONGOING RESEARCH PROJECTS:

- **Retainer Complication Project: descriptive analysis of factors associated with complications of fixed mandibular lingual retainers.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Flavio Uribe D.D.S., M. Dent.Sc (2021).
- **Consistency of treatment in Orthodontics: Evaluation of the consistency of orthodontic evaluation between experts.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Madhur Upadhyay B.D.S., M.D.S., M.Dent.Sc. (2022).
- **Characterizing orthodontic tooth movement in real time using Dental Monitoring scans: a pilot study.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Flavio Uribe D.D.S., M. Dent.Sc (2021).
- **Performance Evaluation of Oral Ph sensor (Biosensor) : a pilot study.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Flavio Uribe D.D.S., M. Dent.Sc (2021).
- **Tele orthodontics: orthodontists' and patients' current and future perspectives and applications.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Flavio Uribe D.D.S., M. Dent.Sc (2021).
- **Retrospective Evaluation of 3D Tooth Movement in Teenagers Treated with Aligners.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Sumit Yadav B.D.S., M.D.S., Ph. D (2021).
- **Success Rate, Uses and Factors Associated with the Stability of Alveolar Ridge Orthodontic Mini-screws .** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Flavio Uribe D.D.S., M. Dent.Sc (2021).

- **Association between various types of malocclusions, case complexity and duration of treatment.** University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Sumit Yadav B.D.S., M.D.S., Ph. D (2021).
- **Assessment of the Amount, Duration, and Treatment Outcomes of Various Molar Intrusion Therapies: A Systematic Review and Meta-analysis.** University of Connecticut School of Dental Medicine, Farmington CT, Advisor: Flavio Uribe D.D.S., M. Dent.Sc (2022).
- **Treatment modalities for preadult orthopedic and dentofacial abnormalities associated with Juvenile Idiopathic Arthritis: a systematic review .**University of Connecticut School of Dental Medicine, Farmington CT; Advisor: Sumit Yadav B.D.S., M.D.S., Ph. D (2021).
- **Perceptions of early treatment protocols and practices among members of the American Association of Orthodontists in the United States and Canada: an online survey.** University of Florida-Department of Orthodontics, Gainesville FL. PI: Sarah Abu Arqub (2022)
- **Retrospective comparative evaluation of treatment duration and outcomes between clear aligners and fixed labial appliance in Class II malocclusion.** University of Florida-Department of Orthodontics, Gainesville FL. PI: Sarah Abu Arqub (2022)
- **Artificial Intelligence for prediction of location and severity of impacted maxillary teeth.** University of Florida-Department of Orthodontics, Gainesville FL. PI: Sarah Abu Arqub (2022)
- **An insight into factors that influence CBCT imaging prescriptions for orthodontic diagnosis and treatment planning among members of the American Association of Orthodontists in the United States and Canada: an online survey study.** TUFTS Dental. PI: Hugo Campos
- **A randomized clinical trial to assess the efficacy of reducing the aligners' wear protocol on the rate and predictability of orthodontic tooth movement.** University of Florida-Department of Orthodontics, Gainesville FL. PI: Sarah Abu Arqub (2022)
- **Perception of facial profile attractiveness of different anteroposterior and vertical proportions: comparative study between two dimensional and three-dimensional images.** University of Florida-Department of Orthodontics, Gainesville FL. PI: Sarah Abu Arqub (2022)
- **Retainer and aligner prescription in orthodontics.** Princess Nourah Bint Abdulrahman University, KSA
- **Let's have a chat: content analysis of an AI- generated (ChatGPT) responses to questions related to orthodontic clear aligners.** Multicenter study (UIC, KSA, UAE and USA) (2023)
- **A Foresight on the influence of the Technology Enhanced Learning (TEL) in prosthodontics' education: A Systematic Review.** University of Florida (2023)
- **A CBCT study to evaluate correlations between dental incidental findings and the various types of CLP.** University of Florida-Department of Pediatric Dentistry, Gainesville FL. PI: Sarah Abu Arqub (2023)
- **The Effect of Clinical Consultation Methods on the Acceptance of the Invisalign Treatment Plan.** University of Florida-Department of Pediatric Dentistry, Gainesville FL. PI: Sarah Abu Arqub (2024)
- **White Spot Lesions Prevalence and Severity During Early and Comprehensive Orthodontic Treatment: A Multicenter Study.** University of Florida-Department of Pediatric Dentistry, Gainesville FL. PI: Sarah Abu Arqub (2024)

- **Retrospective Evaluation of Factors Affecting the Survival Rate and Durability of Palatal TADS Used for Maxillary Expansion - CBCT Study.** University of Florida-Department of Pediatric Dentistry, Gainesville FL. PI: Sarah Abu Arqub (2024)
- **Women leadership in Orthodontics.** University of Florida-Department of Pediatric Dentistry, Gainesville FL. PI: Sarah Abu Arqub (2024)
- **A randomized clinical trial to compare the influence of optimized attachments, IPR and a combination of both techniques on the rotational accuracy of canines with clear aligners.** University of Florida-Department of Pediatric Dentistry, Gainesville FL. PI: Sarah Abu Arqub (2024)
- **Retrospective comparative evaluation of treatment duration and outcomes between clear aligners and fixed labial appliance in Class II malocclusion.** AAO 2024 Oral Presentation

Pending Grants

- [R03: NIH Grant](#)
Project Title: Artificial Intelligence for prediction of location and severity of impacted maxillary teeth
- [2024 AAOF faculty Development Award](#)
Project Title: Artificial Intelligence for prediction of location and severity of impacted maxillary teeth
- [2024 IOF Young Research Award](#)
Project Title: Artificial Intelligence for prediction of location and severity of impacted maxillary teeth

CITATIONS

More than 450 citations in journals til date (2011 – Present)

PUBLISHED ABSTRACTS & POSTER PRESENTATION

- Effect of Proximity of Roots to Cortical Plate and Inclination of Incisors on External Apical Root Resorption. **The IADR/AADR/CADR General Session and Exhibition, USA.** July 2021
- Long-Term Effects of Conventional and Mini-Screw Assisted Rapid Palatal Expansion on Root Resorption. **CSDA – Connecticut, USA.** May 2021
- Correlation between Cephalometric values and soft tissue profile in Class I and Class II Adult patients. **GNYDM-New York, USA,** November 2021
- Patients' Perceptions of Orthodontic Treatment Experiences During COVID-19: A Cross-Sectional Study. **GNYDM-New York, USA,** November 2021
- Retrospective Evaluation of Survival and Failure Rates of Bonded Mandibular Lingual Retainers. **CSDA – Connecticut, USA.** May 2022
- Retrospective Evaluation of the Success Rate and Factors Associated with the Stability of Alveolar Ridge Orthodontic Miniscrews. **GNYDM-New York, USA,** November 2022
- Safe Brace Poster; the development of a mobile app for orthodontic patients. **Supervision of a project conducted in the college of engineering- UF. April 21st 2023 - Wertheim Engineering building**

- Comparing the predictability of tooth movement between adults and teenagers undergoing CAT. **Supervise a poster presentation for Dr William Proffit Resident Scholar Award, AAO meeting 2023**
- Artificial Intelligence for prediction of location and severity of impacted maxillary teeth. **IADR (2024) Poster Presentation**

PEER REVIEW and Editorial Boards

- Editor: **Seminars in Orthodontics**
- **Associate Editor: Progress in Orthodontics**
- Reviewer, **American Journal of Orthodontics and Dentofacial Orthopedics**
- Reviewer, **European Journal of Orthodontics**
- Reviewer, **Journal of Biology and Craniofacial Research**
- Reviewer, **Medical Science Monitor**
- Reviewer, **Progress in Orthodontics**
- Reviewer, **International Orthodontics**
- Reviewer, **American Journal of Orthodontics and Dentofacial Orthopedics – Clinical Companion**
- **Early Career Reviewer (ECR) Program – NIH**

ADDITIONAL INFORMATION

Membership & Affiliations:

- International Association for Dental Research (IADR), Member
- American Association for Dental Research (AADR), Member.
- American Association of orthodontics, Member and **AAO resident Champion 2021- 2022**
- Jordanian Dental Association (JDA), Member
- American Dental Association (ADA), member

Volunteer Work Experience:

- Volunteer, University of Jordan, Dental Education Outreach for Children in Need, 2013
- Volunteer, King Hussein Cancer Foundation, 2005 – 2007
- Volunteer, Jordan University of Science & Technology, Youth Dental Awareness Campaign, 2003 – 2005
- Volunteer, American Cancer Society, 2014

Languages Spoken:

- Bilingual: Fluent in Arabic & English, moderate level French

Portfolio of cases, previous presentations, previous posters, and references will be submitted upon request.