

## Personal Data

**Title:** Dr

**Full Name:** Abdelrahman Sami Mohammad Badarneh

**Gender:** Male

**Date of birth:** 21<sup>th</sup> April 1993

**Nationality:** Jordanian

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## Education

- 2023: **Jordanian Board in Prosthodontics**
- 2022: **Specialist Dental Practice (SPD) Membership of the Royal Australasian College of Dental Surgeons (Prosthodontics)**
- 2021: **Doctorate in Clinical Dentistry (DClinDent) in Prosthodontics, Department of Oral Rehabilitation, Faculty of Dentistry, University of Otago, Dunedin, New Zealand**
  - Distinguished
- 2016: **Bachelor's in Dental and Oral surgery, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan.**
  - First rank
  - On the Honour List for all semesters of the study

## Professional Positions Held

- October 2023 – Present: **Member at the Jordanian National Qualification Framework Placement Committee of Bachelor of Dental Surgery (BDS) Program, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- November 2023 – Present: **Head of Continuous Education Committee, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- November 2023 – Present: **Member at the Electronic Website, Social Media and Community Service Committee, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- November 2023 – Present: **Member at the Bachelor of Dental Surgery Study Plan Revision Committee, Faculty of Dentistry, Jordan University of Science and**

### **Technology, Irbid, Jordan**

- September 2023 – Present: **Assistant Dean, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- June 2023 – Present: **Assistant Professor, Department of Prosthodontics, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- October 2022 – Present: **Academic Quality Assurance Committee, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- July 2022 – June 2023: **Full-time Lecturer, Department of Prosthodontics, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- Feb 2022 – July 2022: **Professional Practice Fellow in Prosthodontics, Department of oral rehabilitation, University of Otago, Dunedin, New Zealand**
- November 2021 – July 2022: **Specialist prosthodontist at Origin Dental Surgeons Clinic, Dunedin, New Zealand**
- Feb 2019 – October 2021: **Dental tutor at the Department of oral rehabilitation, University of Otago, Dunedin, New Zealand**
- May 2017 – Feb 2018: **Research and teaching assistant at the Department of Prosthodontics, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- Sept 2016 – May 2017: **Research and teaching assistant at the Department of Oral Medicine and Oral Surgery, Faculty of Dentistry, Jordan University of Science and Technology, Irbid, Jordan**
- Jul 2016 – July 2017: **Dental Internship at The Dental Teaching Centre, Jordan University of Science and Technology, Irbid, Jordan**

### **Professional distinctions, memberships, awards**

- **Specialist Dental Practice (SPD) Membership of the Royal Australasian College of Dental Surgeons (Prosthodontics) (April 2022 - Present)**
- **Registered Specialist (Prosthodontist) at the Dental Council of New Zealand (2021-Present)**
- **Membership of International College of Prosthodontics (2021 - Present)**
- **Membership of the International Team of Implantology ITI (2021 - Present)**
- **University of Otago Clinical Excellence Day 2nd place award (2021)**
- **NZDRF grant recipient (2019)**
- **Jordan University of Science and Technology Doctoral Scholarship for outstanding students (2018)**
- **Membership of the Jordanian Dental Association (July 2017 - Present)**

- **Registered dentist at the Jordanian Medical Council** (July 2017 - Present)

## Research Publications and Dissemination

- **Peer-reviewed journal articles:**

**Badarneh A**, Choi JJE, Lyons K, Waddell JN, Li KC. 2022a. Wear behaviour of monolithic zirconia against human enamel – a literature review. *Biotribology*. 32.

**Badarneh A**, Eun Choi JJ, Lyons K, Porter G, Waddell N, Chun Li K. 2022b. The effect of aging on the wear performance of monolithic zirconia. *Dent Mater*. 38(5):e136-e146.

Grymak A, **Badarneh A**, Ma S, Choi JJE. 2023. Effect of various printing parameters on the accuracy (trueness and precision) of 3d-printed partial denture framework. *J Mech Behav Biomed Mater*. 140:105688

### Conference proceedings:

**Badarneh A**, Eun Choi JJ, Lyons K, Waddell JN, Chun Li K. 2021 The effect of aging on the wear performance of monolithic zirconia. International college of prosthodontists 19th Biennial virtual meeting, Conference Programme p77.

## Present research/professional specialty

My main clinical practicing area includes **rehabilitating patients with missing teeth and orofacial structures using fixed and removable prostheses and implants**. My DCLinDent research focused on the **mechanical properties of dental ceramic materials**, particularly the wear performance of **high strength ceramic** materials. Additionally, I conduct research on the **accuracy of digital dental technologies**, including milling, 3D printing and laser sintering in production of dental prosthesis.

## Skills

- Leadership
- Management
- Problem solving
- Teamwork
- Communication
- Organization
- Negotiation and persuasion
- Working under pressure
- Passion, motivation and perseverance

### Language Skills

- **Arabic** (Listening, speaking, reading and writing: Excellent)
- **English** (Listening, speaking, reading and writing: Excellent)

## Referees

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### **Karl Lyons**

Professor, Specialist Prosthodontist

Department of Oral Rehabilitation, University of Otago, Dunedin, New Zealand

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### **Ahmad Abdel Haleem Jum'ah**

Associate professor and specialist in restorative dentistry

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**Sunyoung Ma**

Associate Professor, Specialist Prosthodontist

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**Rami Al-Fodeh**

Assistant professor and specialist prosthodontist

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**Abdullah Barazanchi**

Senior Lecturer, Specialist prosthodontist

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