

## CURRICULUM VITAE

### NOOR A. NAWAFLEN, PhD

*Associate Professor, Department of Applied Dental Sciences*

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## CONTACT & PROFESSIONAL LINKS

- **Office Address:** Department of Applied Dental Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology (JUST), P.O. Box 3030, Irbid 22110, Jordan
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## PROFESSIONAL PROFILE

An accomplished and visionary academic leader with a distinguished international background from Griffith University, Australia. Serves as associate professor at Department of Applied Dental Sciences/Jordan University of Science and Technology, demonstrating extensive expertise in dental biomaterials, fixed prosthodontics, and ceramic fatigue mechanics. A proven record of securing competitive research grants, publishing high-impact research, developing academic programs, and providing strategic leadership in accreditation and quality assurance. Deeply committed to advancing dental technology through innovative research and academic excellence.

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## ACADEMIC APPOINTMENTS

- **Chairman**, Department of Applied Dental Sciences, JUST, Jordan | 2022 – 2023
  - **Assistant/Associate Professor**, Department of Applied Dental Sciences, JUST, Jordan | 2016 – Present
  - **Casual Academic**, School of Dentistry and Oral Health, Griffith University, Australia | 2012 – 2015
  - **Full-time Lecturer**, Faculty of Applied Medical Sciences, JUST, Jordan | 2009 – 2010
  - **Teaching Assistant**, Faculty of Applied Medical Sciences, JUST, Jordan | 2003 – 2007
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## ACADEMIC STAFF DUTIES

- Teaching and conducting examinations
- Carrying out innovative research and studies

- Supervising graduate theses and scientific or social research, guiding students academically and ethically, and monitoring their activities and reports.
- Providing academic advising
- Participating in university councils and committees, as well as in those in which the university is represented
- Undertaking any activity that promotes the university and contributes to its advancement.
- Dedicating oneself to academic responsibilities within the university, striving to enhance its scientific mission, and maintaining the level befitting its status in research, teaching, guidance, and administration
- Serving the community and contributing to its development.

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## EDUCATION

- **Doctor of Philosophy (PhD) in Dentistry, 2016**  
*School of Dentistry and Oral Health, Griffith University, Queensland, Australia*
- **Master of Dental Technology in Prosthetics, 2008**  
*School of Dentistry and Oral Health, Griffith University, Queensland, Australia*
- **Bachelor of Science in Dental Technology, 2002**  
*Jordan University of Science and Technology, Irbid, Jordan*

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## RESEARCH GRANTS & FUNDING

- **Australian Prosthodontic Society Grant** for Early Career Researchers | 2013
- **Internal Research Grant**, School of Dentistry and Oral Health, Griffith University | 2013 | \$AUD 10,000
- **Multiple Research Grants**, JUST Faculty of Scientific Research | Multiple Years | Total: ~34,755 JOD

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## PEER-REVIEWED PUBLICATIONS

1. **Nawafleh, N.**, Hatamleh, M., Janzeer, Y., Alrahlah, A. and Alahadal, K., (2023). Marginal discrepancy of five contemporary dental ceramics for anterior restorations. *European Journal of Dentistry*, 17(04), 1114-1119.
2. **Nawafleh, N.**, Elshiyab, S., Öchsner, A., & George, R. (2021). In vitro fatigue and fracture load of monolithic ceramic crowns supported by hybrid abutment. *The Open Dentistry Journal*, 15, 655-671.
3. **Nawafleh, N.**, Bibars, A.R., Al Twal, E. and Öchsner, A. (2020). Influence of antagonist material on fatigue and fracture resistance of zirconia crowns. *European Journal of Dentistry*, 14(02), 200-205.

4. **Nawafleh, N.**, Bibars, A. R., Elshiyab, S., & Janzeer, Y. (2020). In vitro Simulation of Periodontal Ligament in Fatigue Testing of Dental Crowns. *European Journal of Dentistry*, 14(03), 380-385.
5. Elshiyab, S. H., **Nawafleh, N.**, Khan, U., Öchsner, A., & George, R. (2020). Impact of Coping Veneering Techniques on the Survival of Implant-Supported Zirconia-Based Crowns Cemented to Hybrid-Abutments: An-In-Vitro Study. *Bioengineering*, 7(4), 117.
6. Elshiyab, S. H., **Nawafleh, N.**, Öchsner, A., & George, R. (2018). Fracture resistance of implant-supported monolithic crowns cemented to zirconia hybrid-abutments: zirconia-based crowns vs. lithium disilicate crowns. *The Journal of Advanced Prosthodontics*, 10(1), 65-72.
7. Elshiyab, S. H., **Nawafleh, N.**, Walsh, L., & George, R. (2018). Fracture resistance and survival of implant-supported, zirconia-based hybrid-abutment crowns: Influence of aging and crown structure. *Journal of Investigative and Clinical Dentistry*, 9(4), e12355.
8. **Nawafleh, N.**, Hatamleh, M. M., Öchsner, A., & Mack, F. (2018). The impact of core/veneer thickness ratio and cyclic loading on fracture resistance of lithium disilicate crown. *Journal of Prosthodontics*, 27(1), 75-82.
9. Elshiyab, S. H., **Nawafleh, N.**, & George, R. (2017). Survival and testing parameters of zirconia-based crowns under cyclic loading in an aqueous environment: A systematic review. *Journal of investigative and clinical dentistry*, 8(4), e12261.
10. **Nawafleh, N. A.**, Hatamleh, M. M., Öchsner, A., & Mack, F. (2017). Fracture load and survival of anatomically representative monolithic lithium disilicate crowns with reduced tooth preparation and ceramic thickness. *The Journal of Advanced Prosthodontics*, 9(6), 416-422.
11. **Nawafleh, N.**, Hatamleh, M., Elshiyab, S., & Mack, F. (2016). Lithium disilicate restorations fatigue testing parameters: a systematic review. *Journal of Prosthodontics*, 25(2), 116-126.
12. **Nawafleh, N. A.**, Mack, F., Evans, J., Mackay, J., & Hatamleh, M. M. (2013). Accuracy and reliability of methods to measure marginal adaptation of crowns and FDPs: a literature review. *Journal of Prosthodontics*, 22(5), 419-428.

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## LEADERSHIP & SERVICE

### Administrative Leadership

- **Chairman**, Department of Applied Dental Sciences, JUST, Jordan | 2022 – 2023

### Departmental Committees (JUST)

- **Department Representative**, Faculty of Applied Medical Sciences | 2021 – 2022
- **Head**, Scientific Research Committee | 2017 – 2025

- **Member**, Modifying and Developing the Dental Technology Program Academic Planner | 2020 – 2025
- **Member**, The International Accreditation (ASIC) Committee | 2020 – 2025
- **Member**, Students Complaints and Problems Committee | 2019 – 2023
- **Member**, Community Public Health Services Committee | 2022 – 2025
- **Member**, Media Committee | 2020 – 2021
- **Member**, Quality Assurance Knowledge Fields | 2018 – 2019

### **Community Engagement**

- Organized and participated in multiple free medical and dental educational days in communities and schools across Irbid and Alramtha (2018-2019).

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### **PROFESSIONAL DEVELOPMENT & TRAINING**

- Ethics of Scientific Research in the Digital Age: Ethical Challenges | 2024
- Educational Ethics and Student Conduct | 2023
- Research Excellence: From Application to Publication | 2020
- CAD/CAM Applications in Removable Prosthodontics & Operator Training (Sirona, Wieland) | 2018, 2019, 2015
- Problem-Based Learning | 2018
- Biomedical Research Ethics | 2016
- Statistical Analysis using SPSS | 2014
- Introduction to FEA | 2014
- Clinical Tutor Training Courses, Griffith University, Australia | 2012-2015

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### **HONORS & AWARDS**

- **PhD Completion Award**, Griffith University, Australia | 2015
  - **Karl Ring Award** for Outstanding Performance (Ranked 1st in Master's cohort), Griffith University | 2008
  - **Full-Tuition Scholarship** for PhD studies, JUST | 2011-2014
  - **Full-Tuition Scholarship** for Master's studies, JUST | 2008
  - **Ranked 1st** in BSc Dental Technology cohort (GPA 85.4%) | 2002
  - **Honoured in four semesters** for academic excellence during BSc Degree
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## RESEARCH INTERESTS

- Dental Biomaterials | Fixed Dental Prosthodontics | Fatigue and Fracture Resistance of Ceramic Materials
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## CONFERENCE PARTICIPATION

- The Ninth Jordanian Dental Technology Conference, Amman | 2018
  - The Eighth International Dental Technology Conference, Amman | 2016
  - IADR Australian/New Zealand Division Meeting, Brisbane | 2014
  - Gold Coast Health and Medical Conference, Gold Coast | 2014
  - IADR/LAR General Session, Iguaçu Falls, Brazil | 2012
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## REFERENCES

### **Prof. Wael Al-Omari**

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Jordan University of Science and Technology  
Irbid, Jordan

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### **Prof. Andreas Öchsner**

Faculty of Mechanical Engineering  
Esslingen University of Applied Sciences  
Esslingen, Germany

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### **Prof. Roy George**

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