

Jordan University of Science and Technology (JUST), Faculty Of Applied Medical Science.
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CAREER PROFILE

- Assistant Professor at the Jordan University of Science and Technology with a strong commitment to excellence in optometric education, clinical practice, and research.
- Clinician–researcher and senior optometrist with extensive experience across diverse eye health care settings.
- Proven teaching expertise supported by Ph.D and Master’s degrees in Optometry from UNSW Sydney.
- Demonstrated effective communication and interpersonal skills through patient care and clinical service roles in primary eye care.
- Actively involved in coordinating community and outreach initiatives, including Occupational Day, Optometry Scientific Day, and multiple medical campaigns.

RESEARCH INTERESTS

Myopia Control, Contact lens, Psychophysics, Visual Functions, Low vision rehabilitation, paediatric eye care, Binocular vision.

EDUCATION

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| 2019 Present | Ph.D. Vision Science, UNSW Sydney.
Title: Characteristic changes in the visual function using myopia control treatments- Daul focus lens and atropine eye drops.
Supervisors: Sieu Khuu, Pauline Kang, Alex Hui |
| 2018 | Master of Optometry, UNSW Sydney.
Title: Eye Tracking: a developmental or functional issue - A review of clinical files
Supervisor: Patricia Arthur |
| 2008 | Bachelor of Optometry, Jordan University of Science and Technology (JUST) |

TEACHING QUALIFICATIONS

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| 2025 | Effective E-Learning Design, Center of E-learning and Open Educational Resources, JUST. |
| 2023 | Completed Course Design Training (40 hours), School of Education, UNSW, Sydney. |
| 2023 | Completed Teaching Accelerator Program (TAP), School of Education, UNSW, Sydney. |
| 2020 | Completed Beginning To Teach (BTT), School of Education, UNSW, Sydney. |
| 2019 | Completed Foundations of University Learning and Teaching (FULT), School of Education UNSW. |

POSTIOTIONS

Current positions

2025-peresnt Assistant professor, Faculty of Applied Medical Science, JUST

Previous Positions

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|-----------|---|
| 2018-2019 | Teaching Fellow, School of optometry and Vision Science, UNSW, Sydney. |
| 2009-2017 | Teaching Assistance, Jordan University of Science and Technology (J.U.S.T.), Jordan. |
| 2014-2016 | Co-founder and Low vision clinical supervisor, school of Applied Medical Science, JUST, Jordan. |

TEACHING EXPERIENCE

2023	Associate Lecturer, OPTM6411: Contact Lens Course . School of Optometry and Vision Science, UNSW, Sydney
2019	Teaching Fellow, OPTM2133: Clinical Environment Course . School of Optometry and Vision Science, UNSW, Sydney.
2018	Teaching Fellow, OPTM2133: Clinical Environment Course . School of Optometry and Vision Science, UNSW, Sydney.
2017	Teaching Assistance, OPT 102 Introduction to Optometry Course . Co -instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan.
2015-2017	Teaching Assistance, OPT 213: Ocular Anatomy and Physiology lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2013-2016	Teaching Assistance, OPT 205 Visual Optics lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2016	Teaching Assistance, OPT 254 Ophthalmic lenses and dispensing 1 lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2017	Teaching Assistance, OPT 254 Ophthalmic lenses and dispensing 1 lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2013	Teaching Assistance, OPT 264 Optometric examination 1 lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2014-2016	Teaching Assistance, OPT 353 Ophthalmic lenses and dispensing 2 lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2013	Teaching Assistance OPT 344 Low vision and visual rehabilitation lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2014-2017	Teaching Assistance OPT 364 Instrumentation and investigative techniques lab , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2009-2017	Teaching Assistance OPT 491 Clinical training , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2009-2017	Teaching Assistance OPT 457 Contact lenses , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2014	Teaching Assistance OPT 482 Community eye care , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan
2014	Teaching Assistance LM 493 Research project , Main Instructor. Faculty of Applied Medical Sciences. J.U.S.T, Jordan

Main roles include Face-to-face teachings, including lectures to undergraduate optometry students, providing clinical supervision for 4th-year optometry students and first-year ophthalmology residents, tutorials, practical demonstrations, and laboratory sessions. I was involved in setting up student rosters, managing their evaluations, internal assessments, progress reports, practical Logbooks, and research activities. I am responsible for creating courses and curriculum, organizing seminars and workshops, monitoring the quality of the lab and resources, and overseeing students' extracurricular and outreach activities.

Academic Duties

1. Teaching and conducting examinations.
2. Carrying out innovative research and studies.
3. Supervising graduate theses and scientific or social research, guiding students academically and ethically, and
4. monitoring their activities and reports.
5. Providing academic advising.
6. Participating in university councils and committees, as well as in those in which the university is represented.
7. Undertaking any activity that promotes the university and contributes to its advancement.
8. Dedicating oneself to academic responsibilities within the university, striving to enhance its scientific mission, and
9. maintaining the level befitting its status in research, teaching, guidance, and administration.
10. Serving the community and contributing to its development

ACADEMIC QUALIFICATIONS

2020	Certificate in Myopia Management in Practice, Myopia Profile Academy, Sydney.
2019	Certificate in Managing Myopes, Course Brien Holden Vision Institute Academy, Sydney.
2018	Advanced Certificate in Children's Vision, Australian College of Optometry, Melbourne.

FELLOWSHIP

2021	Fellow of the British Contact Lens Association (FBCLA).
2022	Fellow of the International Association of Contact Lens Educators (FIACLE).
2023	Fellow of the 2022 ARVO Science Communication Training Fellowship.

AWARDS AND GRANTS

2023	3 Minutes Thesis Faculty of Medicine and Health Award
2023	Australian Research Council Kathleen Fitzpatrick PhD Thinkers Program
2023	ARVO Global Mentorship Program -Mentee.
2023	UNSW Course Design Implementation Grant.
2022,2023	UNSW DRTG scheme.
2022	ARC PGC Research Candidate Award, Faculty of Medicine and Health
2022	UNSW Women in Math and Science Champion
2022	Covidence Scholarship for Systematic Review.
2020	U21 Global citizenship, Champion at the time of COVID-19
2020	UNSW Science Equity, Diversity, and Inclusion Award (EDI)
2020	JCAHPO Education and Research Foundation Continuing Education Grant.
2019	Jordan University of Science and Technology scholarship for Ph.D. study
2017	Jordan University of Science and Technology scholarship for master's study
2016	IACLE Travel Award

COMMUNITY SERVICES

2023	Organised indoor and outdoor activities for international students.
2013-2017	Led vision screening in public schools and refugees' camps –Jordan.
2012-2017	Co-organised staff/undergraduate students Seminar Series, JUST, Jordan.
2016	Co-organiser of first Optometry scientific day, JUST, Jordan.

PRESENTATIONS

2023	Poster Session at BCLA Conference, The Impact of MiSight Lens and a Combination of MiSight Lens with Low Concentration Atropine on Peripheral Contrast Sensitivity In Myopia Progression.
2023	Invited speaker- ARVO Science Communication Fellowship Program- How to design an effective outreach activity?
2022	Training Session – How to conduct a systematic review using Covidence Software?
2022	Poster session, The impact of myopia on mesopic visual functions, IMC, Netherland
2021	Online poster session, Multifocal Contact Lens Induced Peripheral Blur and Its Effect on Visual Field Results, ARVO.
2019	Keynote speaker in Personalize English Learning Enhancement PELE.
2010	Low Vision Case study presentation in Kalmar University.

CONFERENCES

2023	British Contact Lense Association BCLA 2023, Manchester, UK.
2022	International Myopia Conference IMC 2022- Netherlands.
2022	Association for Research in Vision & Ophthalmology (ARVO).
2020	American Academy of Optometry, Academy @Home, October 2020.
2021	Association for Research in Vision & Ophthalmology (ARVO).
2020	American Academy of Optometry, Academy @Home
2016	The American academy of optometry, USA, California, Anaheim.
2016	The 1st Scientific Optometry Day JUST
2015	The Second Jordanian-Palestinian Optometry Conference, JOPAL ,Jordan ,Amman

RESEARCH EXPERIENCES

Published papers

- Bakkar M, Alzghoul E, Haddad M. Clinical characteristics and causes of visual impairment in a low vision clinic in northern Jordan. 2018 Clinical Ophthalmology 2018; 12: 631–637.
- Bakkar M, Alzghoul E. Assessment of compliance with contact lens wear and care among university-based population in Jordan. 2020 Contact Lens and Anterior Eye.
- Bakkar M, Alzghoul E. Assessment of contact lens wearers' attitude toward contact lens wear and care in response to the COVID-19 pandemic. 2021 Contact Lens and Anterior Eye

Published Abstract

- Alzghoul E., Kang P., Khuu S. T The Impact of MiSight Lens and a Combination of MiSight Lens with Low Concentration Atropine on Peripheral Contrast Sensitivity In Myopia Progression. Poster session presented at BCLA, June. 2023, Manchester, UK.
- Alzghoul E., Kang P., Khuu S. The impact of myopia on mesopic visual functions. Poster session presented at the International Myopia Conference (IMC), Sep. 2022, Netherlands.
- Alzghoul E., Kang P., Khuu S., Multifocal Contact Lens Induced Peripheral Blur and Its Effect on Visual Field Results. Poster session presented online at the annual meeting of the Association for Research in Vision & Ophthalmology (ARVO), May 2021.

External Research Collaboration

- With Waterloo University, Canada, Dr. Alex Hui, Project title: The impact of myopia control on Visual functions.

Research Supervision Experience

- 5th year Master of Clinical Optometry, Title: Can eye detect size difference?;
- 4th-year undergraduate students (10 Bsc. Optom students (JUST) (co-supervisor) Project Title: the impact of lifestyle on contact lens wearing and cleaning behaviors 2015-2016.
- 4th-year undergraduate students 10 Bsc. Optom students (JUST) (co-supervisor Project Title: The awareness of diabetic retinopathy among diabetes patients. 2016

Reviewer for

- International Journal of Ophthalmology Journal.
- Contact Lens & Anterior Eye Journal.
- Clinical and Experimental Optometry
- PLOS ONE Journal

Licenser

- Licensed to practice the profession (Optometry, optician, and Contact Lenses). Minister of Health, Jordan.

Affiliations and Membership

2016 to present	Member: American Academy of Optometry (AAO)
2020-present	Member: Member-In-Training, The Association for Research in Vision and Ophthalmology (ARVO)
2019- present	Member: Cornea and Contact Lens Society of Australia (CCLSA)
2019- present	Member: Optometry Australia (OA),
2014- present	Member: International Association of Contact Lens Educators (IACLE)
2010- present	Member: Jordan Optometry Society

