

Mera F. Haddad

Curriculum Vitae



Personal Information **Name:** Mera Farhan Haddad
Date of Birth: September 28th 1982
Place of Birth: Irbid, Jordan
Nationality: Jordanian
Gender: Female
Marital Status: Married
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Current position **Jul 2010 to date**
Associate professor/ lecturer in optometry & clinical supervisor
Department of Allied Medical Sciences
Faculty of Applied Medical Sciences
Jordan University of science and Technology

Academic details **2006 – 2010 Doctor of Philosophy in Optometry**
Thesis title: *In vitro and in vivo investigation of contact lens wettability.*
The University of Manchester, United Kingdom
2005-2006 Master of Science in Optometry
Course title: *Investigative Ophthalmology and Vision sciences.*
The University of Manchester, United Kingdom
2000-2004 Bachelor of Science in Optometry
Jordan University of Science and Technology

Admin positions **Sep 2016-Sep 2017**
Chairman, Department of Allied Medical Sciences
Managing three programs: optometry, paramedics and radiologic technologies.

Faculty of applied medical sciences
Jordan University of science and Technology
Sep 2012-Sep 2013

Assistant dean

Faculty of applied medical sciences
Jordan University of science and Technology

**Professional
experience**

Jul 2010 to date

Associate professor/ lecturer in optometry & clinical supervisor

Faculty of applied medical sciences

Jordan University of science and Technology

Teaching responsibilities:

- ✓ *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.*
- ✓

Clinical experience in optometry:

- ✓ *Coordination and supervision of clinical training in optometry clinics at Jordan University of Science and Technology as part of the curriculum. Key responsibilities include:*
- ✓ *Conducting eye examinations to diagnose refractive errors and*

prescribing the appropriate corrective lenses.

- ✓ *Diagnosing and managing binocular vision disorders, primarily in pediatric patients.*
- ✓ *Performing fundus examinations and identifying retinal changes or diseases.*
- ✓ *Conducting corneal imaging and diagnosing corneal irregularities, particularly keratoconus.*
- ✓ *Fitting both soft and rigid contact lenses.*
- ✓ *Proficient in using a variety of instruments, including: retinoscope, auto-refractor, focimeter, keratometer, direct ophthalmoscope, slit lamp biomicroscope (primarily for anterior segment examination and contact lens fitting), and corneal topographer. Some experience in using ocular tomography and ocular biometry (specifically A-scan).*

Research experience

- ✓ *Researcher in Optometry and Vision Sciences, as well as Coordinator for the Research Project Module.*
- ✓ *Author of several published papers in peer-reviewed journals (listed below).*
- ✓ *Serving as a reviewer (upon request) for the following journals:*
- ✓ *Contact Lens and Anterior Eye*
- ✓ *Eye and Contact Lens*
- ✓ *Clinical and Experimental Optometry*
- ✓ *Clinical optometry*
- ✓ *Clinical Ophthalmology*

Jan 2014- Jan 2015

- ✓ *Instructor for the "Eye Diseases and Visual Impairment" module in the Master's program in Vision Rehabilitation at German Jordanian University.*

Oct 2013 – Oct 2014

- ✓ *International Speaker for Alcon Pharmaceuticals in the Middle East. Responsibilities included:*
- ✓ *Delivering lectures on contact lenses (multifocal and toric) to optometrists, ophthalmologists, and sales managers across the Middle East.*
- ✓ *Providing clinical training on contact lens fitting.*
- ✓ *Workshops held in Beirut and Dubai.*

Sep 2012-Sep 2013

- ✓ *Principal Investigator for a Master's research project.*
Thesis Title: Screening for Mutations in RPGR and RP2 Genes in Jordanian families with X-linked Retinitis Pigmentosa.
Conducted at Jordan University of Science and Technology.

Dec 2007 - May 2009

- ✓ *Lecturer and Demonstrator for the Master's program in Investigative Ophthalmology and Vision Sciences at The University of Manchester, UK. Taught the Contact Lenses & Corneal Physiology module.*
- ✓ *Demonstrator for Geometrical Optics Practical in the Optometry program for undergraduate students at The University of Manchester, UK.*

Related

Community service

- experience** ✓ *Coordination and teaching of "community eye care" module for optometry students at Jordan University of Science and Technology*
- ✓ *Organizing and participating in various optometric initiatives outside the university. providing eye care services to children in rural schools, refugee camps, orphanages, and local communities. The following tests were conducted:*
- *Vision screening*
 - *Check the refractive errors using the retinoscope*
 - *Binocular vision and ocular motility tests*
 - *Present lectures about primary eye care in order to increase the awareness of common ocular conditions*
 - *Prescribe glasses*
 - *Refer to ophthalmic clinic when required*

Membership & fellowship **2012 to date**

Member of the following organizations

- ✓ *The General Association of Optics / Jordan*
- ✓ *The Jordanian Association of Optometrist / Jordan*
- ✓ *The international association for contact lens educators (IACLE) / Australia*

2013 to date

Representative for the international association for contact lens educators (IACLE) in the Middle East region

Sep 2016

Fellowship in Responsible Conduct of Research

Certified by the University of California San Diego/ USA

Research interests

- ✓ *The interaction of contact lenses with the eye and the ocular changes induced by lens wear.*
- ✓ *Contact lens materials.*

- ✓ *Surface characteristics of contact lenses, focusing on wettability and lens surface deposition both in vitro and in vivo.*
- ✓ *Subjective comfort experienced during contact lens wear and its correlation with material properties.*

Publications

1. *Haddad M, Morgan PB, Kelly JM, et al. A Novel On-eye Wettability Analyzer for soft contact lenses. Optom Vis Sci 2011;88:E1188–E1195*
2. *Fagehi R, Tomlinson A, Manahilov V, Haddad M. Contact lens in vitro wettability by interferometry measures of drying dynamics. Eye & contact lens 2013;39 (6): 365-75*
3. *Bakkar M, Wisam A, Haddad M, Khader Y, Epidemiology of Symptoms of dry eye disease (DED) in Jordan: Across sectional non-clinical population based study. Cont Lens Anterior Eye. 2016 Jun;39(3):197-202*
4. *Haddad MF, Khabour OF, Abuzaideh KA, Shihadeh W. Screening for mutations in RPGR and RP2 genes in Jordanian families with X-linked Retinitis Pigmentos. Genet Mol Res. 2016 Jun 3;15(2)*
5. *Haddad MF, Bakkar M, GammohY, Morgan P. Trends of contact lens prescribing in Jordan. Cont Lens Anterior Eye. 2016 Oct;39(5):385-8*
6. *Mera F. Haddad, May Bakkar and Nour Abdo. Public awareness of common ocular diseases in Jordan. BMC Ophthalmology. 2017 Oct; 177(17):1-7.*
7. *May M. Bakkar, Mera F. Haddad and Yazan S. Gammoh. Awareness of diabetic retinopathy among patients with diabetes mellitus in Jordan. Diabetes Metab Syndr Obes. 2017 Oct 11 (10):435-441*
8. *Bakkar MM, AlZghoul EA, Haddad MF. Clinical characteristics and causes of visual impairment in a low vision clinic in northern Jordan. Clin Ophthalmol. 2018 Apr 3;12:631-637*
9. *Haddad MF, Khabour OF, Alzoubi KH, Bakkar MM Public attitudes toward corneal donation in northern Jordan. Clin Ophthalmol. 2018 Oct*

8;12:1973-1980.

10. Bakkar MM, Haddad MF, Qadire MA Patient-related barriers to Rigid Gas Permeable (RGP) lens wear among keratoconus patients in Jordan. *Cont Lens Anterior Eye*. 2018 Jun;41(3):267-272

11. May M Bakkar, Mera F Haddad & Omar F Khabour. The effects of tobacco waterpipe smoking on the ocular surface. *Clinical and Experimental Optometry*. 2021 Aug 8;1-7.

12. Mera F Haddad , May M Bakkar and Mohammad Al Qadire. Perceptions of potential barriers to soft contact lens wear among university students in Jordan. *CLINICAL AND EXPERIMENTAL OPTOMETRY*. 2022 March 20; 1-7.

13. Mera F. Haddad, Yousef Khader. Assessment of knowledge, perception, and practice patterns of Jordanian optometrists during COVID-19 pandemic: a cross-sectional online survey. *International Journal of Ophthalmology*, Vol. 15, No. 11, Nov.18, 2022

14. Mera Haddad, Nour Abdo, May Bakkar Public Awareness, Knowledge of Presbyopia and Compliance to Eye Examination in Jordan. *Clinical Optometry*. (2024)

15. James S Wolffsohn et al. BCLA CLEAR Presbyopia: Evaluation and diagnosis. *Contact lens and anterior eye*. (2024)

Awards

- ✓ Poster prize at the British contact Lens Association and the journal of *Contact Lens and Anterior Eye*
- ✓ MSc and PhD scholarships granted by Jordan University of Science and Technology

- Conferences** ✓ *The British contact lens association clinical conference*
Oral presentation: A novel technique for assessing contact lens wettability in vivo (June 2010)
Poster presentations: In vitro versus in vivo contact angles of hydrogel contact lenses (June 2010)
Poster presentations: Contact lens practice and trends of prescribing in Jordan (June 2014)
- ✓ *The American Academy of Optometry annual meeting(Nov 2010)*
Poster presentation: Investigation of contact lens wettability in vivo
- ✓ *The 11th international congress of the Jordanian Ophthalmological Society and The First Optometry Conference of the Jordanian Association of Optometrists (May 2013)*
Oral presentation: A novel technique for measuring contact angles in vivo
- ✓ *The Netherlands contact lens congress (March 2016)*
Poster presentation: Reasons for adherence to spectacle wear compared to contact lens wear
- ✓ *The second Jordanian Palestinian optometry conference (March 2016)*
Oral presentation: contact lens materials
Oral presentation: Lecture for the international association for contact lens educators (IACLE)
- ✓ *The 1st scientific optometry day(June 2016)*
Oral presentation: advances in optometry practice in Jordan
Oral presentation: community eye care
- ✓ *The first international optometry scientific conference, JoVision 2017 "*
Advances in optometric education, practice and research"
Oral presentation: Advances in contact lens material

- ✓ *The American Academy of Optometry annual meeting(Nov 2018)*
Poster presentation: Assessment of dry eye parameters among water pipe smokers

Languages

- ✓ *Arabic: Excellent speaking, writing and reading*
- ✓ *English: Excellent speaking, writing and reading*
- ✓ *French: Basic speaking, writing and reading*