Curriculum Vitae

DINESH KAPHLE
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EDUCATION QUALIFICATIONS

2017-2021	Doctor of Philosophy School of Optometry and Vision Science, Queensland University of Technology, Australia
2014-2017	Masters of Optometry (Research) College of Health Sciences, University of KwaZulu-Natal, South Africa
2015-2016	Masters of Public Health (Community Eye Health) Faculty of Health, University of Cape Town, South Africa
2003- 2007	Bachelor of Optometry Institute of Medicine, Tribhuvan University, Nepal

TEACHING EXPERIENCES

Courses taught

2021- Current

Bachelor of Vision Science / Master of Optometry, University of New South Wales. 82 students per year

- Clinical Optometry 4B (OPTM6422), 6 Credits

2018

Bachelor of Vision Science (Optometry). Queensland University of Technology. 66 students per year.

- Ophthalmic Optics 3 (OPB353),12 Credits

2011-2014

Diploma in Optometry. Malawi College of Health Sciences (Malawi) 20 students per year

- Introduction to Optometry (OPT210), 112 hrs (4 Credits)
- Physiological Optics (OPT212), 56 hrs (2 Credits)
- Ocular Anatomy and Physiology (OPT220), 56 hrs (2 Credits)
- Basic Ocular Disease (OPT221), 60 hrs (2 Credits)
- Clinical Optometry (OPT222), 220 hrs (4 Credits)
- Introduction to Low Vision (OPT224), 42 hrs (2 Credits)
- Public Health and Community Optometry (OPT300), 130 hrs (4 Credits)
- Research Methodology (OPT301), 56 hrs (2 Credits)

Pedagogical Training and Fellowship

2021 UNSW's Education Festival, 23-26 November

2020 Associate Fellow of Higher Education Academy (AdvanceHE) - AFHEA

2020 Teaching Advantage workshop run by QUT Academy of Learning & Teaching

Developed in-depth knowledge and skills on

- Principles of effective learning and teaching
- Constrictive alignment, assessment, and feedback
- Evaluation and impact as well as teaching philosophies

2015 Eye Teach: Introduction to Clinical Teaching awarded by Brien Holden Vision Institute

2013 Eye Teach Online Program awarded by Brien Holden Vision Institute

2012 Curriculum revision workshop co-organised by Malawi College of Health Sciences and Mzuzu University- Malawi

PROFESSIONAL EXPERIENCES

Aug 2021- Current

Associate Lecturer (Part-time)
School of Optometry and Vision Science, University of New South Wales
Teaching: Bachelor of Vision Science / Master of Optometry - Clinical Optometry 4B (OPTM6422). 6 Credits

- Prepared virtual and individualized clinical cases assessments and marking rubric aligning with the course objectives for summative evaluation
- Evaluated the assessments and provided helpful feedback to students
- Navigated in the online learning platform, Moodle, for course materials delivery and announcements, and familiarised with Microsoft Teams for virtual meetings and presentations

Short Courses development: Contributed strongly to develop short Courses in Optometry including Myopia Control, Children and Binocular Vision to be offered by University of New South Wales

- Performed background research and compiled description for all short courses offered by various institutions in Australia and overseas
- Compiled the Optometry Australia Board CPD requirements for non-clinical, therapeutics and interactive sessions

Feb- May 2021

Research Associate
School of Optometry and Vision Science, Queensland University of Technology (QUT)

- Data collected including measuring focusing errors with multifocal spectacles using an autorefractor and aberrometer
- Data analysed including peripheral axial length and choroidal thickness measurement during accommodation
- Prepared manuscripts of the PhD project

2017-2021

PhD Candidate
School of Optometry and Vision Science, Queensland University of Technology

- Conducted a longitudinal clinical trial assessing focussing errors with multifocal spectacles wear in young adults with myopia
- Liaised with multiple parties including industry partner and QUT Clinic for participant recruitment, spectacles order and dispensing
- Performed ocular assessments including refractions, intraocular pressure, anterior and posterior OCT scans, and axial length
- Prepared Human Research Ethics Committee and Clinical Trial registration applications

2018

Sessional Academic (Tutor), School of Optometry and Vision Science, Queensland University of Technology
Bachelor of Vision Science (Ophthalmic Optics 3- OPB353), 12 Credits

- Supported learning by demonstrating practical tests for over 60 students divided into three groups
- Assessed practical tests, and provided feedback
- Navigated in the online learning platform, Blackboard, for course content and other course announcements

2011-2014

Lecturer and Acting Head of School
Department of Optometry, Malawi College of Health Sciences, Malawi, in conjunction with Brien Holden Vision Institute, Sightsavers, and Optometry Giving Sight

- Coordinated and contributed to curriculum development for Diploma in Optometry Program for the Malawian context by incorporating a problem-based learning approach
- Coordinated course units including clinical optometry, low vision, ocular anatomy and physiology, and developed course content for them
- Delivered clinical optometry modules using including case-enhance learning such as case studies and journal club presentations, and problem-based learning such as supervised patient's eye examination
- Developed and evaluated assessments, and provided feedback to students by aligning with the course objectives
- Organised cataract and refractive error screening clinics in rural parts of Malawi, and coordinated with ophthalmologists at the tertiary eye centre for referred patients

2010 -2011

Optometrist, Department of Ophthalmology
Nepal Medical College and Teaching Hospital, Nepal

- Managed the optometry unit by performing refraction and ophthalmic dispensing, contact lens, and prosthetics fitting in coordination with ophthalmologists
- Supervised medical and nursing students at the optometry unit and delivered optometry related lectures
- Performed diagnostic tests for various eye conditions including a visual field test, ultrasonography, and OCT besides pre-operation tests e.g., biometry for cataracts.

2008 -2010 Optometrist, Eye department
Visioncare, Blantyre Adventist Hospital, Malawi

- Provided primary eye care service including refraction and ophthalmic dispensing and referred cataract and ocular pathology to a tertiary eye hospital in coordination with the ophthalmologists.
- Supervised the administrative and accounting work of the optical centre.

PEER-REVIEWED PUBLICATIONS

Under Review / Final Preparation

Kaphle, D, Varnas, S., Schmid, K.L., Suheimat, M., Leube, A., Atchison, D.A. Accommodation lags are higher in myopia than emmetropia: measurement methods and metrics matter. ***Ophthalmic and Physiological Optics*** (Under Review)

Bist, J., Marasini, S., **Kaphle, D**., Paudel, N., Adhikari, R., Gyawali, R., Kandel, H. Prevalence of refractive errors in Nepalese population: a systematic review with meta-analysis. ***PLoS ONE*** (Under Review)

Kaphle, D, Schmid, K.L., Davies, L., Suheimat, M., Atchison, D.A. Ciliary muscle dimension changes with accommodation vary in myopia and emmetropia. (Under Final Preparation)

Published

Bist, J, **Kaphle, D**, Marasini, S, Kandel, H (2021). Spectacle non-tolerance in clinical practice – A systematic review with meta-analysis. ***Ophthalmic and Physiological Optics, 41:610-622.*** https://doi.org/10.1111/opo.12796.

Kaphle, D., Atchison, D.A., Schmid, K.L. (2020). Multifocal spectacles in childhood myopia: Are treatment effects maintained? A systematic review and meta-analysis. ***Survey of Ophthalmology*, 65: 239-249**.
https://doi.org/10.1016/j.survophthal.2019.10.001

Kaphle, D., Kandel, H., Khadka, J., Mashige K. P., Msosa, J. M., Naidoo, K. S. (2020). Validation and use of Quality-of-life Impact of Refractive Correction questionnaire in spectacle wearers in Malawi: a clinic-based study. ***Malawi Medical Journal*, 32:54-53.**
https://doi.org/10.4314/mmj.v32i2.2

Kaphle, D., Kandel, H., Paudel, P., Naidoo, K. (2019). Profile of Nepalese optometrists and their perspectives about a new optometry school. ***African Vision & Eye Health*, 78: 1-8.** https://doi.org/10.4102/aveh.v78i1.476

Kaphle, D., Kandel, H., Paudel, P. (2019). Optometry in Nepalese context: The profession beyond providing refraction services. ***Journal of Nepal Medical Association*, 57: 59-63.**
https://pubmed.ncbi.nlm.nih.gov/31080249/

Kaphle, D. & Lewallen, S. (2017). Magnitude and determinants of the ratio between prevalence of low vision and blindness in Rapid Assessment of Avoidable Blindness surveys: ***Ophthalmic Epidemiology*, Apr 2:1-7.** https://doi.org/10.1080/09286586.2017.1283045

Regmi, K., **Kaphle, D.**, Tuah, N.A.A., Timilsina, S. (2017). Application of Discrete Choice Experiments in tobacco control: a systematic review: ***PharmacoEconomics-Open. April 25: 1-13.*** https://doi.org/10.1007/s41669-017-0025-4

Kaphle, D., Gyawali, R., Kandel, H., Reading, A., Masosa, J.M. (2016). Visual impairment and ocular morbidity in a refugee population in Malawi: ***Optometry & Vision Science,* 93 (2):188-193.** https://doi.org/10.1097/opx.0000000000000775

Kaphle, D., Marasini, S., Kalua, K., Reading, A., & Naidoo, K.S. (2015). Visual profile of students in integrated schools in Malawi. ***Clinical and Experimental Optometry,* 98 (4): 370-374.** https://doi.org/10.1111/cxo.12269

Kaphle, D., Shrestha, J.B., Paudel, P. (2009). Treatment of anisometropic amblyopia in children with refractive correction. ***Journal of Institute of Medicine***, 31(2):14-18. https://www.nepjol.info/index.php/JIOM/article/view/2593

SUPERVISED STUDENT PROJECTS

For Diploma in Optometry Program at Malawi College of Health Science, Lilongwe, Malawi:

Nyasulu T., **Kaphle D**. Causes of low vision in patients attending low vision clinic at Lions Sight First Eye Hospital in Lilongwe, Malawi

Bonogwe D., **Kaphle D**. Pattern of ocular finding in patients with ocular albinism presented at Kawale Health Centre and Kamuzu Central Hospital, Lilongwe

Kabwaza I., **Kaphle, D**. Prevalence of refractive error in students at Malawi College of Health Sciences, Lilongwe, Malawi

All three presented at *College of Medicine-National AIDS Commission Joint Research Dissemination Conference November 2013, Lilongwe, Malawi*

CONFERENCES / SEMINARS / RESEARCH SHOWCASES

Attended "*Assessment & Feedback"* and "*Hybrid learning into future"* sessions *presented at* ***UNSW's Education Festival****,* 23-26 November 2021.

Kaphle, D., Atchison, D.A., Schmid, K.L. (2019). Multifocal spectacles in childhood myopia: Are treatment effects sustained? A systematic review and meta-analysis. *17th International Myopia Conference*, September 12-15, Tokyo, Japan.

Also presented at a seminar at School of Optometry, Hong Kong Polytechnic University, Hong Kong 19 September 2019.

Kaphle, D., Atchison, D.A., Schmid, K.L. (2018). Impact of progressive addition spectacles on accommodation error in young adults with myopia: Study protocol for a randomised controlled trial. *QUT Institute of Health & Biomedical Innovation (IHBI) Inspires*, August 12-13, Brisbane, Australia.

Upadhyaya S**, Kaphle D**, Reading A (2014). Pattern of ocular morbidities in a community health centre in Malawi. The *American Academy of Optometry meeting*, November 12-15, Denver, USA

Juma S, Reading A, **Kaphle D** (2014). Magnitude of Presbyopia in Malawi. The *World Council of Optometry, the African Council of Optometry and University of Lurio- Optometry Conference*, June 16-18, Maputo, Mozambique

Kandel H, **Kaphle D**, Gyawali R, Khanal S, Upadhyaya S (2013). Refractive errors in the Maldives: a pilot study. the*19th Asia Pacific Optometry Congress (APOC)*, October 2-4; Seoul, Korea

Kaphle D, Mishra RK, Rana D, Sujakhu D, Paudel P (2012). Ocular findings of school screening and eye camp in Nepal: The *9th General Assembly International Agency for Prevention of Blindness (IAPB)*; September 17-20; Hyderabad, India

Participated in QUT Faculty of Health **Three Minutes Thesis (3MT)** competition. August 2018

Participated in QUT Faculty of Health **Visualise Your Thesis (VYT)** competition. July 2020

Participated in QUT **Science in Focus** Photo competition. September 2020

MEDIA ARTICLES

Mahat B, **Kaphle D**, Kandel H. Clear vision. The Kathmandu Post [homepage on the Internet]. 2018 March 25. Available from: http://kathmandupost.ekantipur.com/news/2018-03-25/clearvision.html.

Kaphle D, Marasini S. Seeing clearly. Kathmandu Post [homepage on the Internet]. 2018 March 6. Available from: http://kathmandupost.ekantipur.com/news/2018-03-06/seeing-clearly.html.

Marasini S, **Kaphle D**. Retain optometrists. My Republica [homepage on the Internet]. 2018 January 14. Available from: http://www.myrepublica.com/news/34328/?categoryId=81.

JOURNAL REVIEW / EDITOR

Reviewer for the following journals:

Clinical and Experimental Optometry: 11 manuscripts

BMJ Open (Ophthalmology section): 6 manuscripts

PLoS ONE (Ophthalmology section): 3 manuscripts

Scientific committee member: 1st All Nepal Optometry Conference- 2018

Assistant Chief Editor: The Sight; A Nepalese Optometry Journal- 2007

RESEARCH GRANTS & AWARDS

QUT Postgraduate Research Award (QUTPRA)	2017 - 2021
QUT Higher Degree Research (HDR) Tuition Fee Sponsorship	2017 - 2021
QUT Grant in Aid	2019
Covered travel expenses for the International Myopia Conference	
QUT IHBI Chronic Disease and Ageing HDR Publication Award	2019
Travel Grant for 17th Asia pacific Optometry Conference	2009
5-7 November 2009, Hong Kong	
Overall topper of Bachelor of Optometry Award	2007
Nepal Government Scholarship	2003 - 2007
Covered Full Tuition Fee for Bachelor of Optometry	

PROFESSIONAL REGISTRATIONS

Registration in Optometry Council of Australia and New Zealand (OCANZ)	2021 -
Competency in Optometry Examination eligibility assessment (Form 3) got approved, Candidate #1881). Taking the Written Exam in March 2022.	
Vice-President: Optical Society (OSA) QUT Chapter	2018 - 2019
Medical Council of Malawi registered as an Optometrist	2010
President: Nepalese Optometry Students' Society	2006 - 2007
Nepal Health Professional Council (NHPC)- Active member	2008 - Current
Nepalese Association of Optometrists (NAO)-Active member	2008 - Current