

# MATT J DUNN BSc (HONS), PHD, MCOPTOM, FHEA

PHONE: +44(0)29 208 70576

EMAIL: DUNNMJ1@CARDIFF.AC.UK

## RESEARCH INTERESTS

PERCEPTUAL DISORDERS, VISUAL NEUROCYBERNETICS, PSYCHOPHYSICS, CLINICAL EYE TRACKING

## PUBLICATIONS

### Peer-reviewed journals

- 2024
- 27 ALMAGREN BA, NYSTAGMUS UK EYE RESEARCH GROUP (NUKE), **Dunn MJ**. MEASUREMENT OF VISUAL FUNCTION IN INFANTILE NYSTAGMUS: A SYSTEMATIC REVIEW. *Br J Ophthalmol* (**Online ahead of print**)
- 26 THOMAS N, ACTON JH, ERICHSEN JT, REDMOND T, **Dunn MJ**. RELIABILITY OF GAZE-CONTINGENT PERIMETRY. *Behav Res Methods* (**Online ahead of print**)
- 25 **Dunn MJ**, ALEXANDER RG, AMIEBENOMO OM, ARBLASTER G, ATAN D, ERICHSEN JT, ETTINGER U, GIARDINI ME, GILCHRIST ID, HAMILTON R, HESSELS RS, HODGINS S, HOOGE ITC, JACKSON BS, LEE H, MACKNIK SL, MARTINEZ-CONDE S, MCILREAVY L, MURATORI LM, NIEHORSTER DC, NYSTRÖM M, OTERO-MILLAN J, SCHLÜSSEL MM, SELF JE, SINGH T, SMYRNI N, SPRENGER A. MINIMAL REPORTING GUIDELINE FOR RESEARCH INVOLVING EYE TRACKING (2023 EDITION). *Behav Res Methods* (**Online ahead of print**)
- 2023
- 24 **Dunn MJ**, CARTER P, SELF JE, LEE H, SHAWKAT F. EYETRACKING-ENHANCED VEP FOR NYSTAGMUS. *Sci Rep* 13: 22812
- 23 CHAWNER SJRA, PAINE A, **Dunn MJ**, WALSH A, SLOANE P, THOMAS M, EVANS A, STRUIK S, HALL J, ERICHSEN JT, LEEKAM S, OWEN MJ, HAY D, VAN DEN BREE MBM. NEURODEVELOPMENTAL DIMENSIONAL ASSESSMENT OF YOUNG CHILDREN AT HIGH GENOMIC RISK OF NEUROPSYCHIATRIC CONDITIONS. *JCPP Adv* 3: e12162
- 22 CERONI F, OSBORNE D, CLOKIE S, BAX DA, CASSIDY EJ, **Dunn MJ**, HARRIS CM, SELF JE, RAGGE NK. ANALYSIS OF FIBROBLAST GROWTH FACTOR 14 (FGF14) STRUCTURAL VARIANTS REVEALS THE GENETIC BASIS OF THE EARLY ONSET NYSTAGMUS LOCUS NYS4. *Eur J Hum Genet* 31: 353–359

- 21 HOLMQVIST K, ÖRBOM S, HOOGHE ITC, NIEHORSTER DC, ALEXANDER RG, ANDERSSON R, BENJAMINS JS, BIGNAUT P, BROUWER A, CHUANG LL, DALRYMPLE KA, DRIEGHE D, **Dunn MJ**, ETTINGER U, FIEDLER S, FOULSHAM T, VAN DER GEEST JN, HANSEN DW, HUTTON SB, KASNECI E, KINGSTONE A, KNOX PC, KOK EM, LEE H, LEE JY, LEPPÄNEN JM, MACKNIK S, MAJARANTA P, MARTINEZ-CONDE S, NUTHMANN A, NYSTRÖM M, ORQUIN JL, OTERO-MILLAN J, PARK S, POPELKA S, PROUDLOCK FA, RENKEWITZ F, ROORDA A, SCHULTE-MECKLENBECK M, SHARIF B, SHIC F, SHOVMAN M, THOMAS MG, VENROOIJ W, ZEMBLYS R, HESSELS RS. EYE TRACKING: EMPIRICAL FOUNDATIONS FOR A MINIMAL REPORTING GUIDELINE. *Behav Res Methods* 55: 364–416 (Retracted)
- 2022 20 THOMAS N, **Dunn MJ**, WOODHOUSE JM. VOLUNTARY FLUTTER PRESENTING DURING OPHTHALMOSCOPY: A CASE REPORT. *Case Rep Ophthalmol* 13: 286–291
- 19 JANARDHANAN A, VIJALAKSHMI P, SHETTY S, MISHRA C, **Dunn MJ**. ACQUIRED PENDULAR NYSTAGMUS IN DIFFUSE UNILATERAL SUBACUTE NEURORETINITIS: A DIAGNOSTIC DILEMMA. *Indian J Ophthalmol Case Rep* 2: 503–505
- 18 RENNIE K, ALAGENDRAN R, LEE H, GRIFFITHS H, GRIFFITHS H, THEODOROU M, SHAWKAT F, CARTER P, ERICHSEN JT, **Dunn MJ**, MCLREAVY L, THOMAS N, WARD K, WHITTLE J, SANDERS J, HARRIS CM, MCLEAN R, LAWRENCE D, RICKETTS S, GLIKSOHN A, THOMAS M, KUHT H, KUBAVAT H, WOODHOUSE JM, ARBLASTER G, SELF JE. IMPACT OF THE COVID-19 PANDEMIC ON INDIVIDUALS WITH NYSTAGMUS AND AN EXPLORATION OF PUBLIC ASSUMPTIONS ABOUT THE CONDITION: AN ELECTRONIC QUESTIONNAIRE STUDY. *BMC Ophthalmol* 22: 268
- 2021 17 CUTSURIDIS V, JIANG S, **Dunn MJ**, BRAWN J, ROSSER A, ERICHSEN JT. NEURAL MODELLING OF ANTISACCADE PERFORMANCE OF HEALTHY CONTROLS AND EARLY HUNTINGTON'S DISEASE PATIENTS. *Chaos* 31: 013121
- 16 WEATERTON R, TAN S, ADAM J, KAUR H, RENNIE K, **Dunn MJ**, EWINGS S, THEODOROU M, OSBORNE D, EVANS M, LEE H, SELF JE. BEYOND VISUAL ACUITY: DEVELOPMENT OF A SIMPLE TEST OF THE SLOW-TO-SEE PHENOMENON IN CHILDREN WITH NYSTAGMUS. *Curr Eye Res* 46: 263–270
- 2020 15 SELF JE, **Dunn MJ**, ERICHSEN JT, GOTTLÖB I, GRIFFITHS H, HARRIS CM, LEE H, OWEN J, SANDERS J, SHAWKAT F, THEODOROU M, WHITTLE J, NYSTAGMUS UK EYE RESEARCH GROUP (NUKE). MANAGEMENT OF NYSTAGMUS IN CHILDREN: A REVIEW OF THE LITERATURE AND CURRENT PRACTICE IN UK SPECIALIST SERVICES. *Eye* 34: 1515–1534
- 2019 14 **Dunn MJ**, HARRIS CM, ENNIS FA, MARGRAIN TH, WOODHOUSE JM, MCLREAVY L, ERICHSEN JT. AN AUTOMATED SEGMENTATION APPROACH TO CALIBRATING INFANTILE NYSTAGMUS WAVEFORMS. *Behav Res Methods* 51: 2074–2084
- 13 CLARK R, BLUNDELL J, **Dunn MJ**, ERICHSEN JT, GIARDINI ME, GOTTLÖB I, HARRIS C, LEE H, MCLREAVY L, OLSON A, SELF JE, VINUELA-NAVARRO V, WADDINGTON J, WOODHOUSE JM, GILCHRIST ID, WILLIAMS C. THE POTENTIAL AND VALUE OF OBJECTIVE EYE TRACKING IN THE OPHTHALMOLOGY CLINIC. *Eye* 33: 1200–1202
- 12 HUANG J, KINATEDER M, **Dunn MJ**, JAROSZ W, YANG X-D, COOPER EA. AN AUGMENTED REALITY SIGN-READING ASSISTANT FOR USERS WITH REDUCED VISION. *PLOS One* 14: e0210630

- 11 BOWDEN J, WHITAKER D, **Dunn MJ**. THE ROLE OF PERIPHERAL VISION IN THE FLASHED FACE DISTORTION EFFECT. *Perception* 48: 93–101
- 2018 10 ROBINSON DG, MARGRAIN TH, **Dunn MJ**, BAILEY C, BINNS AM. LOW-LEVEL NIGHT-TIME LIGHT THERAPY FOR AGE-RELATED MACULAR DEGENERATION – RESULTS OF A PHASE I/II PROOF OF CONCEPT, RANDOMISED, CLINICAL TRIAL. *Invest Ophthalmol Vis Sci* 59: 4531–4541
- 9 **Dunn MJ**, RUSHTON SK. LATERAL VISUAL OCCLUSION DOES NOT CHANGE HEADING WHEN WALKING. *J Vis* 18: 11
- 8 KINATEDER M, GUALTIERI J, **Dunn MJ**, JAROSZ W, YANG X-D, COOPER EA. USING AN AUGMENTED REALITY DEVICE AS A DISTANCE-BASED VISUAL AID – PROMISE AND LIMITATIONS. *Optom Vis Sci* 95: 727–737
- 2017 7 ZAHIDI AA, WOODHOUSE JM, ERICHSEN JT, **Dunn MJ**. INFANTILE NYSTAGMUS: AN OPTOMETRIST’S PERSPECTIVE. *Clin Optom* 9: 123–131
- 6 **Dunn MJ**, WIGGINS D, WOODHOUSE JM, MARGRAIN TH, HARRIS CM, ERICHSEN JT. THE EFFECT OF GAZE ANGLE ON VISUAL ACUITY IN INFANTILE NYSTAGMUS. *Invest Ophthalmol Vis Sci* 58: 642–650
- 2016 5 **Dunn MJ**. VISUAL PERCEPTION IN INFANTILE NYSTAGMUS. *Optometry in Practice* 17: 19–26
- 2015 4 **Dunn MJ**, MARGRAIN TH, WOODHOUSE JM, ERICHSEN JT. VISUAL PROCESSING IN INFANTILE NYSTAGMUS IS NOT SLOW. *Invest Ophthalmol Vis Sci* 56: 5094–5101
- 3 HARRISON JJ, SUMNER P, **Dunn MJ**, ERICHSEN JT, FREEMAN TC. QUICK PHASES OF INFANTILE NYSTAGMUS SHOW THE SACCADIC INHIBITION EFFECT. *Invest Ophthalmol Vis Sci* 56: 1594–1600
- 2014 2 **Dunn MJ**, MARGRAIN TH, WOODHOUSE JM, ENNIS FA, HARRIS CM, ERICHSEN JT. AUTHOR RESPONSE: GRATING VISUAL ACUITY IN INFANTILE NYSTAGMUS IN THE ABSENCE OF IMAGE MOTION. *Invest Ophthalmol Vis Sci* 55: 4955–4957
- 1 **Dunn MJ**, MARGRAIN TH, WOODHOUSE JM, ENNIS FA, HARRIS CM, ERICHSEN JT. GRATING VISUAL ACUITY IN INFANTILE NYSTAGMUS IN THE ABSENCE OF IMAGE MOTION. *Invest Ophthalmol Vis Sci* 55: 2682–2686

**Other articles**

- 2023 5 ARBLASTER G, **Dunn MJ**, ERICHSEN JT, GRIFFITHS H, HARRIS CM, KUHT H, LEE H, MCLEAN R, MCILREAVY L, RICKETTS S, SELF JE, SANDERS J, SHAWKAT F, THEODOROU M, THOMAS M, THOMAS N, WARD K, WOODHOUSE JM. MANAGING NYSTAGMUS IN CHILDHOOD. *The Royal College of Ophthalmologists*.
- 2019 4 WELLS MT, RUSHTON SK, REDMOND T, CLATWORTHY P, **Dunn MJ**. RESIDUAL VISUAL FUNCTION IN CORTICAL VISION LOSS. *Optometry Today* 59 (3): 62–65.
- 2017 3 **Dunn MJ**. DISORDERS OF PERCEPTION. *Optometry Today* 57 (11): 64–69.
- 2016 2 **Dunn MJ**, LEE H. MANAGEMENT OF NYSTAGMUS. *Optometry Today* 56 (8): 64–68.
- 1 **Dunn MJ**. CLINICAL ASSESSMENT OF NYSTAGMUS. *Optometry Today* 56 (7): 80–85.

**Electronic**

- 2012 2 DUNN VISION REFERENCE  
*Mobile ophthalmology text hosting a glossary of over 3700 terms related to optometry and vision science. Coded in Objective-C and Java for iOS and Android (over 7500 downloads)*
- 2010 - 2012 1 EYE HANDBOOK (DICTIONARY)  
*Author of dictionary for mobile ophthalmology app (over 600,000 downloads)*

## TALKS

### Invited talks

- 2023 SIGHT CYMRU (UK)  
*Charles Bonnet Syndrome*
- 2022 ERASMUS MC (ROTTERDAM, NETHERLANDS)  
*Hans van der Steen Valedictory Symposium*
- 2020 ARAVIND EYE HOSPITAL (MADURAI, INDIA)  
*Nystagmus decoded: Eyetracking made simple (session moderator)*  
NYSTAGMUS NETWORK (UK)  
*A clinician's guide to nystagmus*
- 2018 RNIB WALES (CARDIFF, UK)  
*Understanding infantile nystagmus*
- 2017 VISION 2017 (THE HAGUE, NETHERLANDS)  
*'Time to see' in infantile nystagmus*
- 2016 RANK PRIZE FUNDS (GRASMERE, UK)  
*Visual perception in the presence of nystagmus*  
OXFORD, BRISTOL, CARDIFF & SOUTHAMPTON ALLIANCE IN VISION RESEARCH (CARDIFF, UK)  
*Seeing with nystagmus*  
100% OPTICAL (LONDON, UK)  
*A clinician's guide to nystagmus*
- 2015 LEICESTER ROYAL INFIRMARY (LEICESTER, UK)  
*Visual perception in infantile nystagmus*  
MIDLAND PERIPATETIC GROUP FOR TEACHERS OF THE VISUALLY IMPAIRED (BIRMINGHAM, UK)  
*Seeing with nystagmus*  
LV PRASAD EYE INSTITUTE (HYDERABAD, INDIA)  
*Visual perception in infantile nystagmus*  
UC BERKELEY (CALIFORNIA, US)  
*Visual perception in infantile nystagmus*  
UNIVERSITY OF HOUSTON (TEXAS, US)  
*Visual perception in infantile nystagmus*

**Conference presentations (selected/international)**

- 2022 IVI RESMEET (HYDERABAD, INDIA)  
*Challenges in integrating eyetracking into clinical care*
- 2019 APPLIED VISION ASSOCIATION (FARNBOROUGH, UK)  
*Visual perception in the presence of nystagmus (keynote speaker)*
- 2016 EUROPEAN ACADEMY OF OPTOMETRY AND OPTICS (BERLIN, GERMANY)  
*Monocular contributions to the nystagmus null zone*
- 2015 ORTHOPTICS DECODED (MADURAI, INDIA)  
*Orthoptic treatments for nystagmus (session moderator)*
- EUROPEAN CONFERENCE ON EYE MOVEMENTS (VIENNA, AUSTRIA)  
*Temporal visual function in infantile nystagmus*
- EUROPEAN CONFERENCE ON VISUAL PERCEPTION (LIVERPOOL, UK)  
*The effect of simulated vision loss on walking paths*
- NYSTAGMUS NETWORK INTERNATIONAL RESEARCH WORKSHOP (NEW ORLEANS, LOUISIANA)  
*Visual timing in infantile nystagmus*
- ARVO ANNUAL MEETING (DENVER, COLORADO)  
*Visual processing in infantile nystagmus is not slow*
- 2013 NYSTAGMUS NETWORK INTERNATIONAL RESEARCH WORKSHOP (ABINGDON, UK)  
*Appropriate measures of visual performance in infantile nystagmus: Acuity is not enough*
- EUROPEAN CONFERENCE ON EYE MOVEMENTS (LUND, SWEDEN)  
*Involuntary saccade initiation is related to the timing of voluntary saccades in infantile nystagmus*
- ARVO ANNUAL MEETING (SEATTLE, WASHINGTON)  
*Visual acuity in infantile nystagmus in the absence of image motion*

**Public engagement & media appearances**

- 2019 PUBLIC LECTURE (UNEARTHED FESTIVAL, UK)  
*What we miss: The neuroscience of perception*
- 2018 BBC GOOD MORNING WALES  
*Radio interview – The importance of early sight tests*
- PUBLIC LECTURE (SUNDAY ASSEMBLY, UK)  
*What we miss*
- 2017 PUBLIC LECTURE & WORKSHOP (GREEN GATHERING, UK)  
*Perception, illusions and visual neuroscience*
- 2016 TINTERN PHILOSOPHY CIRCLE (UK)  
*How much can we know from our senses?*
- PUBLIC LECTURES (BOOMTOWN FAIR & GREEN GATHERING, UK)  
*How experience shapes perception: perspectives from visual neuroscience*
- 2015 BBC POINTS WEST  
*TV news article – Mobility and vision in patients following stroke*
- BBC WALES TODAY  
*TV news article – Using virtual reality to understand visual guidance of walking*
- PUBLIC LECTURE (GREEN GATHERING, UK)  
*Neuroscience of visual perception*
- 2014 PUBLIC LECTURE (SUNRISE FESTIVAL, UK)  
*Psychophysics and perception*
- 2010 - 2016 SCIENCE IN HEALTH – LIVE!  
*Cardiff: Promoting careers in optometry to A-Level students*

## EMPLOYMENT

2016 - PRESENT	LECTURER <i>School of Optometry &amp; Vision Sciences, Cardiff University</i>
2010 - PRESENT	SELF-EMPLOYED LOCUM OPTOMETRIST <i>GOC &amp; AOP registered; EHEW accredited</i>
2014 - 2016	RESEARCH ASSOCIATE <i>School of Optometry &amp; Vision Sciences, Cardiff University</i>
2013 - 2015	TEACHER <i>School of Optometry &amp; Vision Sciences, Cardiff University</i>
2014 - 2015	OPTOMETRY LEAD <i>NHS Wales Informatics Service</i>
2014	RESEARCH ASSOCIATE <i>Department of Neuroscience, Cardiff and Vale University Local Health Board</i>
2013 - 2014	RESEARCH ASSOCIATE <i>School of Psychology, Cardiff University</i>

## EDUCATION

2014	PHD	CARDIFF UNIVERSITY	QUANTIFYING PERCEPTION AND OCULOMOTOR INSTABILITY IN INFANTILE NYSTAGMUS
2009	BSC	CARDIFF UNIVERSITY	OPTOMETRY

## TEACHING & CLINICAL SUPERVISION

	<i>Cardiff University</i>
2023 - PRESENT	INTRODUCTION TO CLINICAL OPTOMETRIC PRACTICE (LECTURES)
2021 - PRESENT	PERCEPTION (LECTURE SERIES)
2017 - PRESENT	EYE CARE FOR PEOPLE WITH LEARNING DISABILITIES (LECTURES)
2017 - PRESENT	PAEDIATRIC OPHTHALMOLOGY (LECTURES)
2013 - PRESENT	ORTHOPTICS (CLINICAL TEACHING LEAD)
2013 - PRESENT	INTRODUCTORY OPTOMETRY (LECTURES)
2018 - 2022	ABNORMAL OCULAR CONDITIONS (LECTURES)
2015 - 2022	OCCUPATIONAL OPTOMETRY, LAW & BUSINESS (MODULE LEADER)
2020 - 2021	RESEARCH IN OPTOMETRY AND VISION SCIENCE (LECTURES)
2020 - 2021	CLINICAL STUDIES AND DISPENSING (CLINICAL SUPERVISION)
2014 - 2015	COLOUR VISION & PERCEPTION (MODULE LEADER - LECTURE SERIES)
2013 - 2015	MATLAB PROGRAMMING (STAFF & POSTGRADUATE TAUGHT COURSE)
2010 - 2015	PRIMARY EYE CARE (CLINICAL SUPERVISION)
2013 - 2014	VISUAL PERCEPTION (MODULE LEADER - LECTURE SERIES)
	INVESTIGATIVE TECHNIQUES (POSTGRADUATE CLINICAL TEACHING)
2010 - 2013	BINOCULAR VISION (CLINICAL SUPERVISION)
	INVESTIGATIVE TECHNIQUES (CLINICAL TEACHING)

## EXTERNAL FUNDING

2020	DEVELOPMENT OF AN EYE TRACKING SYSTEM FOR ASSESSMENT IN THE HOME <i>Co-investigator: Nystagmus Network UK</i>	£4000
	INVESTIGATING A PLAUSIBLE MECHANISM UNDERLYING HALLUCINATIONS IN CHARLES BONNET SYNDROME <i>Principal investigator: Fight for Sight &amp; Welsh Government, Small Grant Award</i>	£14,034
2019	INFANTILE NYSTAGMUS: EXPLORING THE CAUSES AND ESTABLISHING BETTER MEASURES OF VISUAL PERFORMANCE <i>Co-investigator: College of Optometrists, Postgraduate Scholarship</i>	£60,000
2018	THE ROLE OF ATTENTION IN PERIPHERAL VISION <i>Principal investigator: College of Optometrists, Research Fellowship</i>	£28,727
	IMPROVING VEP DIAGNOSTICS IN PEOPLE WITH NYSTAGMUS <i>Principal investigator: Fight for Sight &amp; Nystagmus Network, Small Grant Award</i>	£6201
	ADDITIONAL CLINICAL TESTING FOR RETINAL PREDICTORS OF VISUAL PERFORMANCE IN NYSTAGMUS <i>Co-investigator: Nystagmus Network, Small Grant Scheme</i>	£1387
2016	THE EFFECT OF VISUAL COGNITIVE IMPAIRMENT DUE TO CEREBROVASCULAR DISEASE ON WALKING <i>Co-investigator: North Bristol Trust, Springboard Grant</i>	£8570
	RETINAL PREDICTORS OF VISUAL PERFORMANCE IN INFANTILE NYSTAGMUS <i>Principal investigator: College of Optometrists, Postgraduate Scholarship</i>	£55,827
2014	UNDERSTANDING BINOCULAR VISION IN INFANTILE NYSTAGMUS <i>Principal investigator: College of Optometrists, Post Doctoral Research Award</i>	£19,573
	ESTABLISHING CLINICAL MEASURES OF TEMPORAL VISUAL FUNCTION IN INFANTILE NYSTAGMUS <i>Principal investigator: Nystagmus Network UK</i>	£14,552
2013	AUTOMATING THE ANALYSIS OF INFANTILE NYSTAGMUS WAVEFORMS <i>Co-investigator: Nystagmus Network UK</i>	£1500

## HONOURS & AWARDS

2018 - 2019	RESEARCH FELLOW, COLLEGE OF OPTOMETRISTS
2015	FELLOW, HIGHER EDUCATION ACADEMY
2014	ASSOCIATE FELLOW, HIGHER EDUCATION ACADEMY
2013	CAMBRIDGE RESEARCH SYSTEMS AVA TRAVEL AWARD ARVO INTERNATIONAL TRAVEL GRANT

## PHD STUDENTS

2022 - PRESENT	S MITRA	TREATMENT OF VISUAL STRESS
2022 - PRESENT	B ALMAGREN	TIME PERCEPTION IN DYSLEXIA
2021 - PRESENT	K WARD	INFANTILE NYSTAGMUS: EXPLORING THE CAUSES AND ESTABLISHING BETTER MEASURES OF VISUAL PERFORMANCE
2020 - PRESENT	K ALFAIFI	CAN ACCOMMODATIVE FACILITY PREDICT OCULAR FATIGUE?
2017 - 2022	DR M WELLS	CINEMATIC SCANNING: USING MOVIE WATCHING fMRI TO INVESTIGATE THE FUNCTION AND ORGANISATION OF THE VISUAL BRAIN
2016 - 2021	DR N THOMAS	DEVELOPMENT OF A NOVEL GAZE-CONTINGENT PERIMETER AND ASSESSMENT OF RETINAL STRUCTURE IN INFANTILE NYSTAGMUS



## COMMUNITY

REVIEWER FOR THE FOLLOWING JOURNALS & RESEARCH COUNCILS:

- MEDICAL RESEARCH COUNCIL (MRC)
- BEHAVIOR RESEARCH METHODS
- INVESTIGATIVE OPHTHALMOLOGY AND VISION SCIENCE
- FRONTIERS IN PSYCHOLOGY
- JOURNAL OF OPHTHALMOLOGY
- PLOS ONE
- FRONTIERS IN SYSTEMS NEUROSCIENCE
- VISION RESEARCH
- EYE
- MACULAR SOCIETY
- CURRENT EYE RESEARCH
- CLINICAL OPHTHALMOLOGY
- ACTA PSYCHOLOGICA
- THERAPEUTIC ADVANCES IN RARE DISEASE
- OPTOMETRY AND VISION SCIENCE
- STRABISMUS
- JOURNAL OF EYE MOVEMENT RESEARCH
- BRITISH AND IRISH ORTHOPTIC JOURNAL
- OPTOMETRY IN PRACTICE
- NYSTAGMUS NETWORK

2018 SESSION CHAIR AT BRITISH OCULOMOTOR GROUP (CARDIFF, UK)  
2016 - 2018 ISSF3 GRANT REVIEW PANEL MEMBER  
2015 MEMBER OF *Cardiff School of Optometry and Vision Sciences Research Ethics Audit Committee*  
2014 - 2023 STEMNET AMBASSADOR  
2012 - 2017 MAINTAIN RESEARCH DATABASE FOR *IN-vision*