N. A. Simon Barnard

BSc(Hons) PhD FCOptom FAAO FEAOO DipCLP DipClinOptom DipTh(IP)

CURRICULUM VITAE

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Academic degrees

1976	BSc in Ophthalmic Optics. (First Class Honours City University, London)
1999	PhD in Optometry, City University.

Professional qualifications and awards

1977	FBOA (Fellow British Optical Association -with examination prize)
	FSMC (Fellow Worshipful Company Spectacle Makers)
1979	FAAO (Fellow of American Academy of Optometry)
1982	DCLP (Diploma in Contact Lens Practice)
	FBCO(Fellow British College of Optometrists)
1994	Certificate in Diabetic Shared Care (City University)
1995	Certificate in Ocular Therapy (Pennsylvania College of Optometry, Philadelphia, USA)
1996	Certificate in Glaucoma Shared Care (City University)
	Certificate in Ocular Therapeutics (Part 1) (City University)
1997	Certificate in Ocular Therapeutics (Part 2) (City University)
1997	Certificate in Paediatric Optometry (City University)
	Certificate in Learning Difficulties (City University)
	Certificate in Ocular Therapeutics (Part 3) (City University)
2000	Diploma in Clinical Optometry (with distinction), City University, London
2010	Certificate in Principles of Prescribing (City University)
2010	Certificate in Principles of Therapeutics (City University)
2010	Certificate in Independent Prescribing (City University)
2011	Independent Diploma in Therapeutics Prescribing (College of Optometrists). Entered the Specialist Register of the General Optical Council as an Independent Therapeutic Prescriber
2014	Fellow of the European Academy of Optometry & Optics (Founding Member 2010)

Present Professional Appointments

2011 to date **Co-Founder, Director & Chief Medical Officer, IRISS Medical Technologies Ltd, London**

Co-Founder of medical technology company. Responsible for invention and development of an Automated Photo-Ophthalmic Device. Two patents granted. One pending.

2006 to date **Visiting Associate Professor, Department of Optometry & Visual Science, School of Health Sciences, Hadassah College, Jerusalem, Israel**

Responsible for advising on and developing clinical component of new Masters degree programme. In attendance during validation visit of the Ministry of Education, Committee for Higher Education. Responsible for teaching the following modules over a two year cycle:

Dyslexia (jointly with Professor Bruce Evans)
Glaucoma
Paediatric Optometry
Retinal Disease

2003 to date **Director of Ocular Medicine, Institute of Optometry, London**

Responsible for the development of the first Additional Supply and Supplementary Prescribing therapeutics courses for optometrists in the UK accredited by the General Optical Council, applying for and gaining GOC courses accreditation, ongoing overseeing of these courses, chairing Board of Examiners Meetings. Currently an inactive appointment.

1979 to date **Founder and Consultant, Barnard Associates, Optometrists, Hove**

1989 to date **Founder and Senior Partner, Barnard & Levit Optometrists, London**

Medico-legal

Acted as an Expert Witness in over 70 Medico-Legal cases. These have been (a) on behalf of the General Optical Council (GOC) or (b) on behalf of optometrists in GOC Disciplinary/Fitness to Practise Tribunals, and (c) on behalf of patients or (d) on behalf of optometrists in civil professional negligence cases relating to examination procedures and ocular disease, relating to paediatric eyecare, amblyopia, pituitary tumour and glaucoma. He

has acted in one case on behalf of a defendant brought to trial for an alleged driving offence.

Research and clinical interests

Research interests presently centre around the APOD (Automated Photo-Ophthalmic Device) development of IRISS Medical Technologies. www.irissmedical.com . Co-responsible for developing the clinical modules for strabismus screening, pupil measurements, eye lid measurements and a disruptive automated technology that advises practitioners on what contact lens specifications to order. Joint named on two international patents; and one patent pending.

Presently working towards instituting the use of atropine 0.01% as a preventative therapy for progressive myopia in practice.

Independent Therapeutic Prescriber - treats eye disease in a primary care setting including the prescribing or oral medication.

Dr Barnard's practice is a 'first adopter' of technology including:

- OCT (first optometry practice in Europe to install this in 2004) and our now on third generation device
- Optos laser scanning wide field retinal imaging
- ERG and VEP technology (Diopsys) (first in Europe in 2016)
- Lipiview and Lipiflow Thermal Pulse therapy for Meibomian gland dysfunction
- Rabin Cone Contrast Sensitivity colour vision test
- Elektron MPSII macular pigment density screener
- Blephex treatment for anterior blepharitis

Past Academic & Professional Appointments

2004 to 2009 **UK representative to the European Council of Optometry (ECOO) Board of Examiners (BoE)**

Responsible for syllabus and examinations of Ocular Abnormalities section and attending Board of Examiners Meetings. Attended the following ECOO BoE meetings: Luxembourg (2004); Krakow (2005); Cologne (2005; 2006 and 2007); Dusseldorf (2005; 2006 and 2007); Dubrovnik (2007); Munich (2008).

2017 **European Academy of Optometry & Optics Fellowship Application Assessor**

1991- 2003 **Director of Paediatric Clinics, Department of Optometry & Visual Science, City University, London**

1977-78 **Clinical Research Assistant to Professor GM Dunn**,

	Department of Optometry & Visual Science, City University, London
1978 –1999	**Lecturer in Clinical Optometry**, **Department of Optometry &Visual Science, City University, London**
2006 -2008	**Member of the Editorial Advisory Board of *Optometry Today***
2003-2006	**Committee member Optometric and Medical Advisory Committees, *Ophthalmic Surgery Clinic*, Colindale, London**
2003 – 2006	**Overseas Student Consultant for applicants to the MSc in Optometry, City University**
2003-2005	**Member of Therapeutics Higher Qualification Expert Panel, College of Optometrists, UK**
2002-2003	**Optometric member of Steering Committee, *EyeCare Ltd* Private Eye Hospital, Colindale, London, UK**
2002	**Consultant to Vision RT, Research & Development, 3-D imaging systems, London, UK**
1995	**Visiting Lecturer in Paediatric Optometry, Department of Optometry, Hadassah College of Technology, Jerusalem, Israel**
1976-78	**Optometrist, Department of Contact Lenses & Prosthetics, Moorfields Eye Hospital, London**
1976	**Visiting Clinician, Noor Eye Institute, Kabul Afghanistan**

Publications

Textbooks and Book Chapters

Barnard NAS & Edgar DF (1996) *Pediatric Eye Care*, Blackwell Science, Oxford. Joint Editor and author/joint author of four chapters

Barnard N.A.S. (1989) *Sphygmomanometry & Ophthalmodynamometry*, Chapter 25 *In* " Optometry" Eds. Edwards K & Llewellyn R., Butterworths, London

Published papers, abstracts, transactions

Maor R, Tailor V, Banteka M, Khandelwal P, Glaze, Barnard S, Yashiv Y, Dahlmann-Noor A (2017) Rate of Strabismus Detection on Digital Photographs Increases by Using Off-center Near Target. (Awaiting publication February) *Journal of American Association of Paediatric Ophthalmology & Strabismus (JAAPOS).*

Barnard S (2016) Using Automated Photo-Ophthalmic Device (APOD) in Optometry Practice. *Optician,* 27-31*,* 2nd December

Shneor E, Millodot M, Barnard S, Gant L, Koslow K, Gordon-Shaag A (2014) Prevalence of congenital hypertrophy of the retinal epithelium in Israel. *Ophthalmic & Physiological Optics,* 34, 385

Gordon-Shaag A, Barnard S, Millodot M, Gantz L, Chiche G, Elbaz V, Wolff R, Pinchasov R, Gosman Z, Simchi M, Koslowe K and Shneor E (2014) Prevalence of choroidal naevi using scanning laser ophthalmoscope, *Ophthalmic & Physiological Optics,* 34, 94-101

Barnard S, Yashiv Y, Maor R, Stroud M , Trucknbrod C, Johnson E, Levit A, London R (2013) A novel device for real time automated strabismus detection and pupil analysis, Research poster presentation (No.88), American Academy of Optometry conference, Seattle, USA

Barnard S & Johnson E (2013) Detecting strabismus. *Optician,* 12th November 2013, pages 27-30

Barnard S, Johnson E, Levit A (2013) Assessing babies and pre-school children for strabismus, *Optician* 27th September, p 30-34

Barnard S, Truckenbrod C, Levit A (2013) Leukocoria in an off-set picture in a healthy eye, *Optician,* 20th September 2013, p. 34

Dahlmann-Noor AH, Adams G, Maor R, Barnard S, Yashiv Y, Barnard S (2013) Real- time automatic strabismus screening using digital image analysis techniques, *Journal of AAPOS,* Volume 17, Issue1, Page e13, February.

Fleishmann D, Truckenbrod C, Barnard S (2012) Understanding corneal properties, *Optician,* 24 August, 15-16

Gordon-Shaag A, Barnard S, Gantz L, Chiche G, Elbaz, Wolf R. Pinchasov R, Gosman, Z, Shneor E (2012) Prevalence and risk factors for choroidal nevi using the Optos scanning laser ophthalmoscope. *Poster presentation (No. 125413),* American Academy of Optometry Conference, Phoenix, USA, 25th October

Barnard S, Truckenbrod C, Levit A, Fleischmann D (2012) Referrals of

patients with narrow anterior chamber angles, *Optician,* 14th September, 22-34

Barnard S, Shneor E, Brauner J, Millodot M, Gordon-Shaag A (2012) Bilateral chorioretinal coloboma discovered with ultra-wide field retinal imaging, Journal of Optometry, Volume 5, Issue 3, Pages 150-154

Truckenbrod, C, Barnard, S, Levit, A, (2012) Der Praxisfall: Behandlung eines Winkelblockglaukoms, *Deutsche Optiker Zeitung,* May, 70-71

Barnard S (2011) Beyond the posterior pole. *Optician,* 8th July, p. 13

Barnard S & Levit A (2010) Operculated retinal hole in a five-year-old child, *Optician,* 12th November 18-21.

Barnard S (2010) Optos case studies: change in size of a congenital hypertrophic lesion of the retinal pigment epithelium in the absence of lacunae*, Optician,* 15th October 35-36

Coleman P & Barnard NAS (2007) Congenital Hyperplasia of the Retinal Pigment Epithelium, *Ophthalmic & Physiological Optics,* Nov 27(6):547-55

Barnard S (2001) Anthrax of the Eye. *Optician*, November 9, No. 5826, Vol 222, 18

Barnard NAS, Field A, Doughty M (1996) Examination of the diabetic eye, *Optometry Today,* April 8th, 26-31

Barnard NAS (1996) Punctum plugs *Ophthal Physiol Opt Vol 16 Suppl 1)* S15-S22

Evans BJW, Barnard NAS, Arkush C (1996) Optometric uses of hypnosis. 13 (2), 69-73 *Contemporary hypnosis*

Barnard NAS, Thomson WD (1995) A quantitative analysis of eye movements during the cover test - a preliminary report *Ophthal Physiol Opt*, 15, 5, 413-419

Thomson WD, Barnard NAS (1995) A quantitative analysis of eye movements during the cover test. *Invest. Ophthalmol Vis Sci*, 36, 4, 355

Barnard NAS (1995) Psychosomatic visual anomalies in children Transactions of *Precision Optometric Symposium*, Jerusalem, Israel, 38-44

Barnard NAS (1995) Ocular signs of child abuse Transactions of *Precision Optometric Symposium*, Jerusalem, Israel, 70-76

Barnard NAS (1995) Diagnostic drugs in optometric practice Transactions of *Precision Optometric Symposium*, Jerusalem, Israel, 77-91

Barnard NAS, Thomson WD (1994) A quantitative analysis of eye movements during the cover test, *Optom Vis Sci,* 71, 12s, 163

Barnard NAS (1994) Optometry in Israel - The City University-Netanya connection. *Optometry Today*,

Barnard NAS, Field A, Kee G (1993) Dermatitis following topical use of chloramphenicol, *Optometry Today*, May 3, 29

Field A , Barnard NAS (1993) Imaginary convex eye. An aid to indirect ophthalmoscopy, *Optometry Today*, May 31, 22

Lawrenson JG, Edgar DF, Gudgeon AC, Burns JM, Geraint M, Barnard NAS (1993) A comparison of the efficacy and duration of action of topically applied proxymetacaine using a novel ophthalmic delivery system versus eye drops in healthy young volunteers *Br J Ophthalmol*, 77, 713-715

Barnard NAS, Patel C, Barnard RAM (1991) Sjögren-Larrson Syndrome, *Ophthal Physiol Opt,* 11, 2, 180-183

Barnard NAS, Allen R, Field A (1991) Referrals for vascular hypertension in a group of 45-64 year-old patients *Ophthal Physiol Opt*, 11, 3, 201-205

Barnard NAS (1991) The aesthesiometer as a slit-lamp biomicroscope attachment, *Optometry Today*, May 20, 12-13

Barnard NAS, Thomson WD (1991) The effect of coloured filters on the eye movements of dyslexic children Proceedings of Joint Meeting between AVA and The Colour Group on Coloured Spectacles and Reading Difficulties. Apothecaries Hall, London

Barnard NAS (1990) Optometry in the UK - Past present and future *Netherlands Journal for Optometry & Contactology (Visus)*, 1, 21-26

Barnard NAS (1990) Anthrax of the eyelids *Ophthal Physiol Opt*, 10,3, 300-301

Barnard NAS, Birch J, Wildey H (1990) Concurrent visual conversion reaction and simulated colour vision defects in a twelve year old Child, *Ophthal Physiol Opt*, 10, 4, 391-393

Barnard NAS (1990) Examination of the visual fields of young children *Optician*, 21-22

Barnard NAS (1990) Visual involvement in the learning difficulties in children *Optician,* October 19, 12-16

Barnard NAS (1990) The psychological effect of contact lenses on a seven year-old child. *Contact Lens Journal*, 18, 10, 282

Barnard NAS (1989) Hypnosis in contact lens practice *Contact Lens Journal*, 17,5, 159-160

Barnard NAS, Bailey N, Grosvenor T, Stidwill D (1989) Diverse opinions *Contact Lens Journal*, 17, 4, 126-127

Barnard NAS (1989) Kinetic outline perimetry as a technique for examining the visual fields of young children *Ophthal Physiol Opt*, 9, 463-464

Barnard NAS (1989) Visual conversion reaction in children *Ophthal Physiol Opt*, 9, 4,

Barnard NAS (1989) Congenital pit of the optic nerve *Ophthal Physiol Opt,* 9,3, 324-326

Barnard NAS (1985) Discoloration of soft contact lenses as a side effect of systemic drugs *Optician*, 188, 4973, 26

Barnard NAS, Ellis B, & Hawman K (1985) Malignant melanoma of the choroid. *Optometry Today*, April 27, 287-288

Barnard NAS (1983) Screening by optometrists *Ophthal Physiol Opt*, 3,3, 365-367

Barnard NAS & McLellan H (1977) An investigation into astigmatic changes with soft contact lenses for distance and near vision *Contact Lens Journal,* 6,4, 8-22

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Research Posters & Presentations

2017 Corey NE, Levit A, Barnard S Evaluation of the Use of an Automated Photo-Ophthalmic Device (APOD) for Assisting the Fitting of Custom Toric Contact Lenses, *Global Speciality Lens Symposium (GSLS),* Las Vegas, USA. January 26-29 2017

2016 Barnard S & Repucci G. Our experience with an automated photo-ophthalmic device for measuring MRD *IV International Course of Orbitoplastics Surgery* **,** Praiano, Italy, 7th & 8th October 2016

2015 Barnard S, Maor R, Levit A, Yashiv Y, Johnson E (2015)The distribution of anisocoria in a group of unelected patients attending a primary care optometry practice. Poster presentation accepted for 31st International Pupil Colloquium, Pembroke College, University of Oxford, 13-17th September 2015

2015 Barnard S, Maor R, Levit A, Yashiv Y, Johnson E (2015) Distribution of pupil eccentricity in a group of unelected patients attending a primary care optometry practice. Poster presentation accepted for 31st International Pupil Colloquium, Pembroke College, University of Oxford, 13-17th September 2015

2014 Automated documentation, using the *Volk Eye Check,* of acquired Horner's syndrome following surgical anterior cervical decompression Barnard S, Allibone J, Johnson E, Yashiv Y, Maor R, , Levit A, London R. Poster presentation, American Academy of Optometry conference, Denver, USA, 14th November 2014.

2014 European Academy of Optometry (EAOO) conference, Warsaw, Poland. Research lecture: Automated strabismus detection and pupil analysis, Barnard S & Johnson E, 18th May 2014

2013 American Academy of Optometry, Seattle, October 2013
Barnard S, Yashiv Y, Maor R, Stroud M, Trucknbrod C, Fleishmann D, Levit L, London R.
Poster: A novel device for real time automated strabismus detection and pupil analysis

2013 Dahlmann-Noor AH, Adams G, Maor R, Barnard, S, Yashiv Y (2013) Real-Time automatic strabismus screening using digital image analysis techniques. Poster presentation *American* Association of Paediatric Ophthalmology and Strabismus, Boston, USA (3rd – 6th April)

2012 Prevalence and Risk factors for Choroidal Nevi using Optos Scanning Laser Ophthalmoscope, Gordon-Shaag A; Barnard S, Gantz L; Pinchasov R; Gosman Z, Chiche G; Elbaz V; Wolff R, and Shneor E: Lecture presentation (presented by Einat Shneor);), 32nd Annual meeting of the Israel Society of Vision and Eye Research, March 2012, Tel Aviv, Israel

2012 Bilateral retinal coloboma; Barnard S, Shneor E; Brauner J, Gordon-Shaag A, Poster presentation, Annual Israel Optometry Conference Sponsored by New England College of Optometry, Boston

1995 American Academy of Optometry Conference, New Orleans, USA Idiosyncratic variations of eye movements during the cover test (poster presentation

1995 ARVO, USA Eye movement characteristics during the cover test (poster presentation - Thomson WD & Barnard NAS)

1995 British College of Optometrists Centenary Conference, Cambridge eye movement characteristics during the cover test (poster presentation - Barnard NAS & Thomson WD)

1995 American Academy of Optometry (British Chapter) Conference, Oxford, UK. Eye movement characteristics during the cover test (poster presentation (Barnard NAS & Thomson WD)

1995 American Academy of Optometry (British Chapter) Conference, Oxford, UK. (poster presentation - Mitty JL, Evans BJW, Wilkins AJ, Barnard NAS) The effect of pattern sensitivity and coloured filters on a visual search task resembling reading

1994 American Academy of Optometry Annual Conference, San Diego, USA. A quantitative analysis of eye movement characteristics during the cover test (poster presentation - Barnard NAS & Thomson WD)

Invited Postgraduate Lectures

International lectures

2016	Glaucoma: Masters degree course, Hadassah College, Jerusalem, Israel, 6th -8th March 2016	16 hours of lecturers and clinical workshops
2016	4th Annual Israel Ophthalmology Society Conference, Tel Aviv Lecture, 1st June 2016 Joint: Presented with Menachem Salasnik	The use of automated photo-analysis of pupil size in different levels of ambient illumination to aid diagnosis of Horner syndrome..
2016	Swedish Association of Optometrists Annual Conference, Aros Congress Centre, ACC, in Västerås 6-7th February 2016	1) Enhancing Patient Care in Contact Lens & Paediatric Practise with an Innovative Handheld Technology – the Volk Eye Check 2) The use of diagnostic drugs in optometric practice
2016	Interoptik Annual Conference, Oslo Norway, 28th January 2016	Enhancing Patient Care in Contact Lens & Paediatric Practise with an Innovative Handheld Technology – the Volk Eye Check
2015	Dutch Association of Optometrists (OVN) Invited lecture 8th- 9th February in 2015 Den Bosch, Netherlands	*Volk Eye Check – A new concept in eye data acquisition*
2015	Association de Optometrists Francais (AOF) Invited lecture. 19th January 2015, Paris, France	*Strabismus*
2014	Ophthalmology Department, Ichilov Hospital, Tel Aviv, Israel, 22nd December 2014. Invited lecture.	*Automated acquisition and real time analysis of pupil, eye position, external eye and adnexa data to enhance and assist in, neuro-ophthalmology, contact lens practise, oculoplastics and paediatric ophthalmology (Volk Eye Check).*
2014	University of Houston, 31st Annual Cornea, Contact Lens and Contemporary Vision Care	*The Volk Eye Check: Automated Real Time Pupil, HVID, MRD Data Acquisition*

	Symposium, Sunday 7th December 2014. Invited lecture.	*and Analysis*
2014	7th International Congress of Behavioural Optometry (ICBO), Birmingham, UK , 13 September	Automated strabismus detection & Pupil Analysis
2014	Association of Schools & Colleges of Optometry (ASCO) (USA); Invited lecture*,* 25th June 2014, Philadelphia, USA	*Volk Eye Check* – A new concept in eye data acquisition
2014	Department of Optometry, Hadassah College, Jerusalem 3-day Masters degree module; 15th-17th June 2014. Glaucoma in Optometric Practice	16 hours of lectures and workshops on Glaucoma
2014		
2014	Vision Expo New York: Invited lecture.	The Use of Intuitive Colorimetry in Optometric Practice*,* 28th March, 2014 COPE 40264-GO
2013	Synsam Norway group of optometrists to present four consecutive one-day courses in Oslo 3rd to 6th June 2013	5.5 hours each day for 4 days on Mydriasis; AMD; Glaucoma; Optic Nerve; Other Optic Nerve Conditions; Peripheral Retina & Vitreous
2013	Department of Optometry ,Hadassah College, Jerusalem 13th to 15th January 2013 3-day Masters degree module; Paediatric Optometry	17 hours of lectures and workshops on Paediatric optometry
2012	Optos OCT & Optomap Roadshow, Oslo, Norway, 21st June 2012	Lecture: OCT in primary care optometry practice
2012	Interoptik Group, OCT two-day seminar on Optical Coherence Tomography, Tonsberg, Norway, 3rd & 4th June 2012	Lectures: 1) Anatomy of the retina 2) Introduction to OCT 3) Case studies 1 4) Case studies 2 5) Narrow anterior chamber angle referrals in optometry practice 6) OCT and glaucoma 7) Integrating OCT in optometry practice: business models
2012	Annual Israel Optometry Symposium, Jerusalem, 14th & 15th May 2012	3 key note lectures. Sponsored by the Saval Fund, New England College of Optometry, Boston, USA

		(1) Strabismus (2) Optical Coherence Tomography (3) Optomap laser scanning ophthalmoscopy
2012	Glaucoma Symposium, Jerusalem Israel, Hadassah College, Jerusalem, Israel, 20th March 2012	2 Key Note lectures (1) The challenge of primary open angle glaucoma (2) The role of optometry in glaucoma case finding (3) Prevalence of narrow anterior chamber angles in primary care practice
2012	CIOCV National Optometric Conference 221st & 22nd April 2012, Braga, Portugal	Optical Coherence Tomography in Optometric Practice
2011	Department of Optometry ,Hadassah College, Jerusalem; Retina Symposium 31st May	Key note lectures: (1) The use of diagnostic drugs by optometrists: myths & realities (2) Optical Coherence Tomography in optometric practice (3) No mydriatic? No problem.
2011	Department of Optometry ,Hadassah College, Jerusalem; 30th May	MOptom Retina course: Lectures: (1) Anatomy of the retina (2) Management of patients with “flashes & floaters” (3) Tumours of the eye Workshop: Optos scanning laser ophthalmoscope
2011	Department of Optometry ,Hadassah College, Jerusalem; Symposium 25th January	Key Note lectures: (1)The future of retinal examination in primary care optometry (sponsored by Optos plc) (2) A review of recent advances in the diagnostic and therapeutic roles of optometry in Europe (joint lecture with Dr Deacon Harle)

2011	Department of Optometry ,Hadassah College, Jerusalem 23rd-25th January 3-day Masters degree module; Paediatric Optometry	17 hours of lectures and clinics on paediatric optometry
2010	Department of Optometry ,Hadassah College, Jerusalem 30th May to 1st June: 3-day Masters degree module on **Glaucoma** and Optical Coherence Tomography	30th May to 1st June: 3-day Masters degree module on Glaucoma and Optical Coherence Tomography also attended by the ophthalmology team from Laniado Hospital (18 hours of lectures and workshops)
2010	Invited lecture at the Israel Glaucoma Society Meeting, Herzlyia, Israel : *Beyond IOP; Neuroprotection and Blood Flow,* May 2010	Advanced retinal nerve fibre layer analysis – Key Note Lecture
2009	Retina Conference University College of Optometry, Kongsberg	1) Review of retinal anatomy 2) Pigment changes in the retina – what do I see?
2009	Krogh Group Optometry Conference, Oslo, Norway	Retinal Assessment using OptoMap
2009	Dutch Association of Optometrists Annual Conference, Ermilo, Netherlands	Key Note Lectures (1) Optical Coherence Tomography in Optometric Practice (2) Drugs in Optometric Practice
2009	Department of Optometry, Hadassah College, Jerusalem, Israel Masters degree module on Retina	7 hours of lectures and Indirect Ophthalmoscopy workshops
2008	Department of Optometry, Hadassah College, Jerusalem, Israel Masters degree module on Paediatric Optometry (with Dr Deacon Harle)	7 hours of lectures plus 7 hours of workshops and clinics
2008	Department of Optometry, Hadassah College, Jerusalem, Israel Masters degree module on Glaucoma Management	24 hours of glaucoma lectures
2008	Stockholm; Annual Conference of Swedish Association of Optometrists	Key Note Lecture: Use of Diagnostic Drugs
2008	Paris; Annual Conference of Association of Optometrists	Key Note Lecture: Use of Diagnostic Drugs
2007	Department of Optometry, Hadassah College, Jerusalem, Israel Masters degree module on Dyslexia (with Professor Bruce Evans) 4 lectures and 2 clinical demonstrations	1) Accommodation Disorders 2) Behavioural Optometry Overview 3) Optometric Correlates of Profound Learning Difficulties

		4) The Cover Test Clinics – Colorimetry; PLD patients
2007	Oslo; OptikNorge (4 lectures)	Current Trends in Diagnosis of Optic Nerve and Retinal Disease; Ocular Neoplasia; Diagnosis of Peripheral Retinal Disease Clinical Grand Rounds
2007	ECOO Conference Dubrovnik, Croatia	Key Note Lecture: Use of Diagnostic Drugs
2007	ECOO Conference Dubrovnik, Croatia	Key Note Lecture: Scope of Paediatric Practice
2005	Department of Optometry, Hadassah Academic College, Jerusalem, Israel	Lecture - Differential Diagnosis of PVD & Retinal Detachment
2004	OptikNorge, Oslo, Norway	Lectures (1) Differential Diagnosis of PVD & Retinal Detachment (2) Nutrition and the eye (3) Treatment of lid disease
2003	Key Note Lecture: 1st Hong Kong Optometric Conference	Recent Developments in Paediatric Optometry
2003	Israel Council of Optometrists, Tel Aviv, Israel. Invited to represent New England College of Optometry, Boston, USA as Key Note Lecturer	Lectures (1) Examining the retina of children (2) Making Child's Play of Examining Children
2002	Kongsberg, Norway. Hogskolen I Buskerud	Lecture: The Cover Test – Is there anything new to learn? Workshops: The cover test
2002	OptikNorge, Oslo	1) No Mydriatic? – No Problem 2) Dry Eye Management 3) Diabetes in Optometric Practice
2002	Hong Kong Polytechnic University, Hong Kong	Diabetes in Optometric Practice
2001	OptikNorge, Oslo	Paediatric Eye Care
1999	Braga, Portugal University of Minho	Eye movement characteristics during the cover test
1996	University of Covilha, Portugal	Treatment of eye lid disease
1995	Braga, Portugal GEFA 1995 Optometry Conference, University	Paediatric ocular disease

	of Minho	
1995	Department of Optometry, Hadassah College of Technology, Jerusalem, Israel	An introduction to clinical case finding
1995	Jerusalem, Israel Precision Optometric Symposium	1) Psychosomatic visual anomalies in children 2) Ocular signs of child abuse 3) Diagnostic drugs in optometric practice 4) Intuitive Colorimetry (Workshop) Paediatric Vision Test (Workshop)
1994	Braga, Portugal GEFA 1994 Optometry Conference, University of Minho.	Examination of the child patient
1990	Port of Spain, Trinidad & Tobago Association of Optometrists	1) Hypnosis in optometric practice 2) Psychogenic visual disorders 3) Diabetes and the eye Screening for vascular hypertension 4) Gonioscopy 5) Visual aspects of learning difficulties
1990	Amsterdam Dutch Contact Lens Association Annual Conference, Holland	"Optometry in the UK-past present and future"
1987	Santiago da Compestella, Spanish optometrists at the School of Pharmacy & Optometry, Spain	3 days of lectures and tutorials in orthoptics
1986	Rome, Italy. Alexander Fleming Institute. Optometry School.	General optometric teaching. One week intensive lecturing
1985	Rome, Italy. Alexander Fleming Institute. Optometry School.	General optometric teaching. One week intensive lecturing
1984	Rome, Italy. Alexander Fleming Institute. Optometry School.	General optometric teaching. One week intensive lecturing
1983	Rome, Italy. Alexander Fleming Institute. Optometry School.	General optometric teaching. One week intensive lecturing

United Kingdom

2017	*Optometry Tomorrow.* Key note lecture, Birmingham conference (forthcoming 19th March)	Myopia: What would be your treatment of choice? 1. Drugs
2016	Scottish Contact Lens Annual Association Conference 27th November, 2016. 4 workshops	The use of a Automated Photo-Ophthalmic Device in Contact Lens Practice
2016	Specsavers Regional Meeting, Kingston, Surrey, 23rd November 2016; Lecturer	Using the *Volk Eye Check* in practice
2016	Leicestershire & Rutland Local Optical Committee CET Event, 17th November 2016, Leicester. Lecture & Workshop	Enhancing Care in Contact Lens and Paediatric Practice with an Innovative Handheld Technology
2016	East Lancashire Local Optical Committee CET event 4th November 2016, Blackburn	Enhancing Care in Contact Lens and Paediatric Practice with an Innovative Handheld Technology
2016	Cumbria Local Optical Committee CET event Lecture and Workshop 10th October, Penrith	Enhancing Care in Contact Lens and Paediatric Practice with an Innovative Handheld Technology
2016	Essex Local Optical Committee CET event 6th October 2016 Lecture, Chelmsford	Enhancing Care in Contact Lens and Paediatric Practice with an Innovative Handheld Technology
2016	Solihull Local Optical Committee CET event 28th September 2016 Lecture	Enhancing Care in General, Contact Lens and Paediatric Practice with a Fully Automated Handheld Technology
2016	CET Event, Avenue House, North London, 17th July 2016 Lectures and workshop	Diagnosis and Treatment of Anterior & Posterior Blepharitis Enhancing Care in Contact Lens and Paediatric Practice with an Innovative Handheld Technology

2016	100% Optical Conference, Excel Centre; 8th February	Invited lecture: Automated analysis of eye data
2016	Easy Yorkshire & North East Lancs LOC, 5th January	Invited lecture: Enhancing Care in Contact Lens and Paediatric Practice with an Innovative Handheld Technology
2015	Hertfordshire LOC, 23rd November	invited lecture: Enhancing Care in Contact Lens and Paediatric Practice with an Innovative Handheld Technology
2015	City University Symposium to honour Emeritus Professor Robert Fletcher on the occasion of his 90th birthday, City University, London 22nd June 2015	Lecture: Contribution of Robert Fletcher to Optometry and Optometric Education in the UK (and Beyond)
2015	Northern Optometric Society, Manchester, 2nd March 2015	Automated data analysis of anterior eye and adnexa data: *Volk Eye Check*
2014	City University, CET series, 4th December	Automated data analysis of anterior eye and adnexa data: *Volk Eye Check*
2014	Central Merseyside LOC, Liverpool, 27th November 2014	1) OCT in optometry practice 2) Automated data analysis of anterior eye and adnexa data: *Volk Eye Check*
2014	Mid-Thames AOP, Wycombe Hospital, 24th November	Automated data analysis of anterior eye and adnexa data: *Volk Eye Check*
2014	Annual Optix Conference, Chesham Grange, Warwickshire	Optical Coherence Tomography in Optometric Practice
2013	Vision Express, Birmingham, 1st October	Lecture OCT in primary care optometry practice
2013	Carl Zeiss Meditec seminar. 24th September, Cambridge	OCT in primary care optometry practice. Lecture and tutorials
2012	Optos OCT & Optomap Roadshow, Newcastle, 26th April 2012	Lecture: OCT in primary care optometry practice
2012	Optos OCT & Optomap Roadshow, Manchester, 25th April 2012	Lecture: OCT in primary care optometry practice

2012	Optos OCT & Optomap Roadshow, Bristol 19th April 2012	Lecture: OCT in primary care optometry practice
2012	Optos OCT & Optomap Roadshow, Stansted 18th April 2012	Lecture: OCT in primary care optometry practice
2012	Optos OCT & Optomap Roadshow, Euston, London 17th April 2012	Lecture: OCT in primary care optometry practice
2012	Carl Zeiss Meditec seminar. 28th March January 2012, Walsall	OCT in primary care optometry practice
2012	Carl Zeiss Meditec seminar. 23rd January 2012, Cambridge	Integrating OCT into optometric practice
2012	Carl Zeiss Meditec seminar. 23rd January 2012, Heathrow	Integrating OCT into optometric practice
2011	Carl Zeiss Meditec OCT Training seminar, Stanstead, 15th November 2011	The use of OCT in optometric practice
2011	National Optometric Conference, Chesford Grange, Warwickshire: 4th November 2011	Clinical Case examples for Peer Review. Invited Key Note Lecture
2011	Carl Zeiss Meditec OCT Training seminar, Stanstead, 11th October 2011	The use of OCT in optometric practice
2011	Carl Zeiss Meditec OCT Training seminar, Bristol, 13th September 2011	The use of OCT in optometric practice
2011	King's College: The practical work of the optometrist: current issues and future possibilities One day colloquium National Liberal Club, September 7th 2011	The use of modern diagnostic technology in earning patients' trust
2011	Carl Zeiss Meditec OCT seminar, Glasgow, 12th July 2011	The use of OCT in optometric practice
2011	Carl Zeiss Meditec OCT seminar, Heathrow, 28th June 2011	The use of OCT in optometric practice
2011	Carl Zeiss Meditec OCT seminar, Bristol, 8th February 2011	The use of OCT in optometric practice
2011	Carl Zeiss Meditec OCT seminar, Manchester, 18th January 2011	The use of OCT in optometric practice
2010	Carl Zeiss Meditec OCT seminar, Southampton, 14th December 2010	The use of OCT in optometric practice

2010	Carl Zeiss Meditec OCT seminar, Slough, 13th December 2010	The use of OCT in optometric practice
2010	Carl Zeiss Meditec OCT training course, 2nd November, Heathrow,	“Master Class” case presentation lecture; tutorials for Cirrus HD-OCT
2010	Sightcare conference. Key Note Lecture, 21st October, Bristol	Earning Patient Trust
2010	Sightcare conference. Key Note Lecture, 20th October, Exeter	Earning Patient Trust
2010	Sightcare conference. Key Note Lecture, 19th October, Gatwick Airport	Earning Patient Trust
2010	Sightcare conference. Key Note Lecture, 18th October, Belfast, Northern Ireland	Earning Patient Trust
2010	Carl Zeiss Meditec OCT training course, Newcastle, 30th June 2010	“Master Class” case presentation lecture; tutorials for Cirrus HD-OCT
2010	Carl Zeiss Meditec OCT training course for optometrists, ophthalmologists and hospital technicians, Birmingham, 15thth June 2010	“Master Class” case presentation lecture; tutorials for Cirrus HD-OCT
2010	Zeiss OCT training course, Manchester, 20th April 2010	“Master Class” case presentation lecture; tutorials for Cirrus HD-OCT
2010	Annual Conference of The College of Optometrists, York Racecourse, 18th April 2010	Peripheral Retina
2010	Zeiss OCT hospital technicians course, Manchester, Feb 2010	“Master Class” case presentation lecture; tutorials for Cirrus HD-OCT
2010	ASDA annual optometry conference, Harrogate, Feb 2010	What's Detached? A Guide to the Management of the Patient with Flashes or Floaters
2009	Optos Academy, Leeds	Diseases of the peripheral retina
2009	Optos Academy, Stanstead	Diseases of the peripheral retina
2009	Zeiss OCT Road Show for Optometrists, Gatwick	The role of OCT in optometry practice

2009	Zeiss OCT Road Show for Optometrists, Newport, Wales	The role of OCT in optometry practice
2009	Zeiss OCT Road Show for Optometrists, Harlow, Essex	The role of OCT in optometry practice
2009	Zeiss OCT Road Show for Optometrists, Swansea	The role of Optical Coherence Tomography (OCT) in optometry practice
2009	Zeiss OCT Seminar for Hospital Technicians, Centre, Birmingham	Retinal case studies
2009	Optos Seminar for Investors, Renaissance Hotel, London	Clinical overview presentation on OptoMap
2009	Zeiss OCT Seminar for Hospital Technicians, Cavendish Conference Centre, Southampton	Retinal case studies
2009	Zeiss OCT Road Show for Optometrists, Cambridge	The role of OCT in optometry practice
2008	Zeiss OCT Seminar for Hospital Technicians, Cavendish Conference Centre, London	Retinal case studies
2008	Zeiss OCT Road Show for Optometrists, Bristol	The role of OCT in optometry practice
2008	East Sussex LOC Conference	Current Trends in Retinal Diagnosis
2008	Zeiss OCT Seminar for Hospital Technicians, Birmingham	Retinal case studies
2007	OT Live. Association of Optometrists Conference Chesford Grange, October 2007	Harnessing modern imaging technology in Primary Care optometric practice to improve patient care and practice performance
2007	Replay Learning, CET course, Birmingham, October 2007	Peripheral retinal conditions: diagnosis & management in optometric practice
2007	Specsavers Annual Conference, October 2007	Current Trends in retinal & optic nerve diagnosis
2007	The College of Optometrists Annual Conference *Optometry Tomorrow* Newcastle	4 workshops on No Mydriatic/ No Problem
2007	Norwich & Norfolk LOC, Norwich	Lecture -Current Trends in Glaucoma Diagnosis
2007	Norwich & Norfolk LOC, Norwich	Lecture- Ocular Tumours

2007	Norwich & Norfolk LOC, Norwich	Lecture -Peripheral retinal disease
2007	Hillingdon LOC	Lecture -Current Trends in Glaucoma Diagnosis
2007	Zeiss Roadshow, Leeds	Lecture - Retinal Nerve Fibre Analysis
2007	Zeiss Roadshow, Emirates Stadium	Lecture - Retinal Nerve Fibre Analysis
2007	Replay Learning CET course, Charlton, London	Workshop - Optos Panoramic laser scanning camera workshop
2006	Replay Learning CET course, Birmingham	Workshop -Optos Panoramic laser scanning camera workshop
2006	Zeiss Roadshow, Colchester, Essex	Lecture - Retinal Nerve Fibre Analysis
2006	Specsavers Annual Conference, Birmingham	Lecture - Ocular Infection
2006	Zeiss Roadshow, Cambridge	Lecture - Retinal Nerve Fibre Analysis
2006	Ophthalmology Department, Sutton Hospital, Surrey	Lecture - Retinal Nerve Fibre Analysis
2006	West Sussex LOC, Crawley Hospital	Lecture: Treatment of Lid Conditions Workshop: Meibomian gland expression & Lacrytest
2006	City & Hackney LOC, St Leonards Hospital	Lecture: Ocular Therapeutics: what we can treat now
2005	ACE (AOP Continuing Education)	Lecture: (1) Diagnosis & Management of Blepharitis (2) Diagnosis of Conjunctivitis (3) Treatment of Conjunctivitis
2005	Optos plc Roadshow with Dr Bill Jones, USA. Two consecutive evenings in both London & Manchester	Lecture: Retinal signs of systemic disease.
2005	East Sussex LOC, Uckfield, Sussex	Lecture: (1) Ocular Therapeutics: what we can treat now (2) PVD & Retinal Detachment

2005	Merseyside Optical Seminars, Liverpool	Lecture: (1) Lecture: Ocular Therapeutics: what we can treat now (2) Workshop: Peripheral Retina
2005	Suffolk LOC	Lecture: Lecture: Ocular Therapeutics: what we can treat now.
2005	Norwich & Norfolk LOC	Lecture: Lecture: Ocular Therapeutics: what we can treat now.
2004	Specsavers Opticians, (London)	Lecture: The Optometrist's Drugs Cabinet
2004	Mid-Thames Association of Optometrists, High Wycombe, Buckinghamshire	Lecture: Ocular Therapeutics: what we can treat now.
2004	Hillingdon Local Optical Committee (National Health Service)	Lecture: Ocular Therapeutics: what we can treat now.
2004	Woodfalls Optometrists Group,	Lecture: Ocular Therapeutics: what we can treat now.
2004	Institute of Optometry: Day course: "Theratears Conference"	PVD and Retinal Detachment
2004	City University MSc course in Referral Refinement	Neoplasia of the anterior eye and adnexa
2004	Buckinghamshire LOC	Ocular Therapeutics: Present and Future
2004	Institute of Optometry	Lectures: (1) Infective keratoconjunctivitis (2)Ocular lubricants and Punctum plugs
2004	Optometric Educators: Optika CET, Harrow	Differential diagnosis of retinal detachment and posterior vitreous detachment
2004	Optometric Educators CET Course ABDO, Paddington	Therapeutics: What we can treat now.
2004	Institute of Optometry	Workshop: Lacrimal syringing Lecture: Ocular therapeutics (2 hours)
2004	Ronald Brown Group, Enfield	Keratoconjunctivitis
2004	Scottish Continuing Education; EyeCare 3000, Glasgow	Workshops: Optomap Laser Scanning Ophthalmoscope

2004	Ronald Brown Group, Enfield	Examining the 0 – 5 year olds
2003	Mid-Thames AOP	Nutrition and the Eye
2003	Buckinghamshire LOC Refresher Course	Management of Dry Eye including Punctum Plugs
2003	City University. MSc Module in Advanced Binocular Vision	Examining the 0 – 5 year olds
2003	Institute of Optometry, London	1) Infective keratoconjunctivitis 2) Dry Eye – Lubricants & Plugging Techniques
2003	Institute of Optometry, London	1) Ocular Therapeutics (2.25 hours lecture) 2) Lacrimal syringing workshop
2003	Institute of Optometry, London	1) Infective keratoconjunctivitis 2) Ocular lubricants and punctum plugs
2003	Bristol Society of Optometrists	Ocular Therapeutics (2 hour lecture)
2003	Sight Care Imaging Seminar, Institute of Optometry , London	1) Retinal Imaging – Down the line 2) OptoMap workshop
2003	Optometry 2003, Birmingham NEC	1) No Mydriatics? – No Problem 2) Making laser scanning photography pay
2003	Mid Thames AOP, Maidenhead	No Mydriatics? – No Problem
2003	EyeCare 3000, Glasgow	OptoMap Laser Scanning Photography
2003	Cornwall Optical Society, Truro	No Mydriatics? – No Problem
2003	Surrey & SW London Optometric Association	No Mydriatics? – No Problem
2003	Ronald Brown Group, London	Red Eye
2003	Ronald Brown Group, London	Glaucoma
2003	Ronald Brown Group, London	Peripheral Retinal Disease
2003	Ronald Brown Group, London	Diabetes and the Eye
2002	City University MSc modular course: Ocular Therapeutics Part 3	Lectures: 1) Neoplasia of the eye & orbit 2) Diagnosis of glaucoma 3) Punctum plugs and lacrimal syringing

		Workshops: Punctum plugs and lacrimal syringing
2002	OEL Pre-Registration Course, Aston University	Lectures (1) Incomitancy (2) Top Tips for Toddlers (3) Behavioural Optometry (4) Development of Visual Function (5) Uses of the slit lamp (6) Glaucoma (7) Diabetes
2002	Lancashire Optical Society, Preston	Examination of the retina. No mydriatic? – No problem
2002	National Association of Occupational Therapists, Royal Free Hospital	Visual correlates of dyslexia & dyspraxia
2002	Ronald Brown Group, London	Red Eye
2002	Royal Free Hospital. GP refresher course	Examination of the retina. No mydriatic? – No problem
2002	Institute of Optometry	1) Anterior Segment Eye Disease. 2.25 hours of lectures covering Parts 1 to 4 of the College of Optometrists Therapeutics Diploma 2) Therapeutics Workshop
2002	Bristol Society of Opticians	No mydriatic? – No problem
2002	Isle of Wight & South Hants LOC	No mydriatic? – No problem
2002	Optika Group	Life can be too sweet – Diabetes and the Eye
2002	Leightons Group, Guildford, Surrey	Life can be too sweet – Diabetes and the Eye
2002	Sight Care Retinal Imaging Seminar held at Institute of Optometry	1) Retinal Imaging – Down the Line 2) Workshop – OptoMap Laser Scanning camera
2002	Ronald Brown Group, London	Peripheral Retinal Disease
2001	Institute of Optometry/DOCET	Making Childs Play of Examining Children
2001	City University. MSc module on Advanced Techniques	Eye Movements
2001	Institute of Optometry/DOCET	Binocular vision and the paediatric patient
2001	Leightons Group	There's more to glaucoma than visual fields
2001	Ronald Brown Group, London	The red eye
	Johnson & Johnson/OEL pre-registration course	Binocular vision – what do I need to know
2001	Johnson & Johnson/OEL pre-registration course	Drugs in Optometric Practice
2000	Ronald Brown Group, London	Retinal detachment

2000	Dorset Health Authority	Making Childs Play of Examining Children
2000	Ronald Brown Group, London	An introduction to Ocular Therapeutics
2000	Institute of Optometry/DOCET	Making Childs Play of Examining Children
2000	Colour & Healing 2000, Regents College	The use of colour for dyslexia, migraine, and epilepsy
2000	South Wales AOP (OEL)	Paediatrics – the neglected speciality
2000	South Wales AOP (OEL)	Ocular Therapeutics Breaking the Ice
2000	Surrey Association of Optometrists	Ocular surface disease
1999	Squint Forum: Royal College of Surgeons	Eye movement characteristics during the cover test
1999	Ronald Brown Group Optometrists	An introduction to therapeutics
1999	Cambridgeshire AOP/OEL	1) An introduction to therapeutics 2) Assessment of children
1999	Southwark LOC	An introduction to therapeutics
1999	OEL/Vision Express, Birmingham	Management of dry eye
1999	E. Yorks & N. Lincs LOC	An introduction to therapeutics:
1999	OEL/Vision Express, Oldham	Management of dry eye
1999	OEL/Melson Wingate, Leicester	1) Binocular Vision; what do I need to know about that? 2) Paediatrics; the neglected speciality
1999	OEL/Vision Express, Reigate	Management of dry eye
1999	Institute of Optometry	Eye movement characteristics during the cover test
1999	OEL/Vision Express, South Mimms	Management of dry eye
1999	Aston University DOCET	1) Psychosomatic eye conditions 2) Ocular signs of child abuse 3) Eye movement characteristics during the cover test
1999	Central Middlesex Hospital Eye Department	Eye movement characteristics during the cover test
1999	Mid-Thames AOP	Indirect ophthalmoscopy

1999	OEL/Vision Express	Ocular emergencies
1999	North Staffordshire AOP	Treatment of lid conditions
1999	Lancashire AOP	Ocular signs of child abuse
1999	Peterborough AOP	Treatment of lid conditions
1999	Surrey & SW London AOP	Treatment of lid conditions
1998	OEL/Vision Express	There is more fields than glaucoma
1998	Institute of Optometry	MSc Paediatric course: (1) Examination of ocular health (2) Ocular signs of child abuse
1998	Sussex AOP	Treatment of lid conditions
1998	Specsavers Conference	An introduction to therapeutics
1998	OEL/Optika, London	An introduction to therapeutics
1997	City University	Lacrimal duct syringing & punctum plugs. Workshops. MSc certificate course in Ocular Therapeutics (Part3)
1997	University of Manchester Institute of Science and Technology (UMIST)	Punctal plugs. UMIST Certificate course in ocular therapeutics
1997	Gloucestershire AOP	Treatment of lid infections
1997	Surrey Optometric Association	Treatment of lid infections
1997	Suffolk Optometric Association	Treatment of lid infections
1996	Institute of Optometry	Examining the Ocular Health of Children (City University MSc Paediatric module)
1996	Institute of Optometry	Ocular signs of child abuse (City University MSc Paediatric module)
1996	Hertfordshire AOP	Treatment of lid infections
1996	Bedfordshire AOP 1st Clinical Conference	Management of dry eye. Lecture &Workshop
1996	Kent AOP	Treatment of conjunctivitis
1996	Northamptonshire AOP	Treatment of eye lid infections
1996	Institute of Optometry	Treatment of eye lid infections
1996	Kent AOP	Dry Eye. Punctum & intracanalicular Plugs
1995	Southall Optometrists	Diabetic shared care
1995	British College of Optometrists Centenary Conference, Cambridge	Gonioscopy & Punctum Plugs lecture; Workshop- Gonioscopy & Punctum Plugs

1995	Institute of Optometry	Workshop – Punctum plugs
1995	Royal Free Hospital; GPs refresher course	Some recent advances in Optometry
1995	American Academy of Optometry (British Chapter), Oxford	Slit-lamp biomicroscope examination of the diabetic patient (workshop
1995	Institute of Optometry	Examining the child patient. Lecture & workshops
1995	Institute of Optometry	Paediatric ocular disease and abnormalities
1995	City University	Diabetic Shared Care – Volk lens workshop
1995	Aston University (DOCET)	Gonioscopy & Punctum Plugs. Lectures and workshops
1995	Leicestershire AOP	Punctum plugs and lacrimal syringing
1994	Dorset AOP	The paediatric eye examination routine; Workshop - paediatric vision tests
1994	Faculty of Ophthalmologists Moorfields Eye Hospital	Instrumentation for examination of the fundus
1994	Institute of Optometry	Punctum plugs
1994	University of Hertfordshire, Diabetes Course for Practice Nurses	Assessing Visual Acuity
1994	University of Hertfordshire, Diabetes Course for Practice Nurses	Ophthalmoscopy
1993	Royal Free Hospital; GPs Refresher Course	Screening for the glaucomas
1993	Faculty of Ophthalmologists, Moorfields Eye Hospital	Instrumentation for examination of the fundus
1992	British College of Optometrists DOCET, Aston University	Gonioscopy and Sphygmomanometry
1992	Faculty of Ophthalmologists, Moorfields Eye Hospital	Lectures & tutorials – ophthalmic instrumentation
1992	American Academy of Optometry (European Conference), Stratford-on-Avon	Psychosomatic visual anomalies in children
1991	Staffordshire AOP	Screening for vascular hypertension
1991	Faculty of Ophthalmologists Moorfields Eye Hospital	Lectures & tutorials - ophthalmic instrumentation
1991	British College of Optometrists DOCET, Aston University	Gonioscopy and Sphygmomanometry. Lecture & workshop
1991	Royal Free Hospital; GPs Refresher	Eye examination of the child

	Course	
1991	AVA/Colour Group, London	The effect of coloured filters on the eye movements of dyslexic children
1990	Royal Free Hospital – GPs Refresher course	The primary eye care examination
1990	Faculty of Ophthalmologists, Moorfields Eye Hospital	Lectures & tutorials - ophthalmic instrumentation
1990	Menorah School, PTA, London	Visual involvement in learning difficulties
1989	Hampstead Dyslexia Clinic	Visual involvement in learning difficulties
1989	Faculty of Ophthalmologists	Lectures & tutorials - ophthalmic instrumentation
1988	Leicestershire & Rutland AOP	Visual involvement in learning difficulties
1988	Turville Memorial Lecture; Northamptonshire AOP	Ophthalmic ultrasound
1987	Brighton & Hove AOP	Gonioscopy
1986	Multi-disciplinary conference on Clinical Involvement in Learning Difficulties of Children, Nissan Centre, W. Sussex	Visual involvement in learning difficulties in children
1986	Dorset & E. Hampshire AOP	Screening for vascular hypertension
1986	City University. Interdisciplinary Conference on Learning Difficulties in Children	Visual Involvement
1986	Brighton & Hove AOP	Ophthalmic Ultrasound
1986	Brighton & Hove AOP	Screening for vascular hypertension
1985	London Refraction Hospital	Gonioscopy
1985	East Sussex Dyslexia Association	Visual involvement in the learning difficulties of children
1985	Brighton Multi-disciplinary Child Study Group	Visual assessment of the pre-school child
1985	East Sussex AOP	Gonioscopy
1984	West Sussex Dyslexia Association	Visual involvement in the learning difficulties of children
1984	London Refraction Hospital	Gonioscopy
1983	London Refraction Hospital	Gonioscopy
1983	BAYO, London	Lectures & tutorials. Clinical assistants course
1983	Standing Optical Conference	Ultrasound
1982	BAYO, London	Indirect Ophthalmoscopy
1982	London Refraction Hospital	Gonioscopy
1982	BAYO, London	Lectures & tutorials. Clinical

		Assistants course
1980	BAYO, London	Sphygmomanometry
1980	BAYO, London	Gonioscopy
1979	BAYO, London	Sphygmomanometry
1978	City University Ophthalmic Society	Causes of blindness in Afghanistan
1978	Surrey Association of Optometrists	Causes of blindness in Afghanistan
1978	Staffordshire BOA	Causes of blindness in Afghanistan

Supervision of research

Postgraduate

Agarwal R. The development of professional optometry
MPhil (awarded 1993)
Warren P. Prader-Willi Syndrome. MSc (awarded 2000)

Undergraduate

Supervised 110 dissertations and projects at City University

Postgraduate Examiner

PhD Internal Examiner, Rishi Agarwal,
The Role of Optometry in the Delivery of Eye Healthcare in the European Union
City University, London, 2004

PhD External Examiner, Neelam Patel,
Developing shared care pathways in private practice
Aston University, Birmingham, UK

Other Professional

- Founder of British Association of Young Optometrists, 1978
- Vice-Chairman of British Association of Young Optometrists, 1978-80
- Treasurer, American Academy of Optometry (British Chapter), 1979-83
- Member, International Society of Ophthalmic Ultrasound, 1980-86
- Presenter, BBC Radio Sussex, monthly "phone-in" on "Eye Care", 1985-88

- Vice-Chairman, Brighton & Hove AOP, 1986
- Councillor, British College of Optometrists (served on Disciplinary and Professional Advancement Committees), 1986-89
- Vice President, American Academy of Optometry (British Chapter), 1989
- President, American Academy of Optometry (British Chapter), 1990 to 1998
- Member BCLA, 1983 to 2001
- Committee member, Orthoptics & Binocular Vision Association, 1988-1998
- University student liaison representative for American Academy of Optometry
- Advisor to College of Optometrists for preparation of "Guidance on the use of punctum plugs in optometric practice"
- Founder member Optometric Educators Ltd (OEL)

Book reviews

Invited reviewer of a number of books.