**Proforma for Schools of Ophthalmology**

Information for trainees applying for national recruitment

Please complete this Proforma and return a copy to the Royal College of Ophthalmologists at alex.tytko@rcophth.ac.uk. Please read the information in each section before completing. Please ensure you complete as much information as possible as this will aid trainees in their ranking. Please submit the form as a Word document. This information will be posted on the national recruitment section of the College website.

Please return this by Wednesday 4 January 2017

<table>
<thead>
<tr>
<th>Miss Alex Tytko</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head of Department, Education and Training</td>
</tr>
<tr>
<td>The Royal College of Ophthalmologists</td>
</tr>
<tr>
<td>18 Stephenson Way, Euston, London NW1 2HD</td>
</tr>
</tbody>
</table>

**Name of Deanery:**

Health Education England across the West Midlands

**Brief Description of Training Programme**

| Number of Trainees: 58 |
| Includes 2 medical ophthalmology trainees. |


Rotation Examples (Flexibly arranged and not binding):

ST1: First 6 months in General Ophthalmology and Cataract surgery - University Hospitals Birmingham
ST1: Second 6 months in General Ophthalmology and Cataract surgery - University Hospitals Coventry & Warwickshire
ST2: First 6 months in General ophthalmology, Uveitis and Glaucoma - Birmingham & Midland Eye Centre
ST2: Second 6 months in General Ophthalmology - University Hospitals of North Midlands
ST3: First 6 months in Oculoplastics and Medical retina – Heart of England Hospitals
ST3: Second 6 months in Glaucoma and Cornea - University Hospitals Birmingham
ST4: First 6 months in Cornea and Oculoplastics - Royal Shrewsbury Hospital
ST4: Second 6 months in Neuro-ophthalmology and glaucoma - University Hospitals Birmingham
ST5: First 6 months in Paediatric Ophthalmology - Birmingham Children’s Hospital
ST5: Second 6 months in Vitreo-retinal surgery - University Hospitals Coventry & Warwickshire
ST6: First 6 months in Inflammatory Eye Diseases - Birmingham & Midland Eye Centre
ST6: Second 6 months in Medical Retina - University Hospitals Birmingham
ST7: 12 months TSC in Medical Retina - Royal Wolverhampton Hospitals

Hospitals on rotation:

- Birmingham & Midland Eye Centre
- University Hospitals Birmingham NHS Foundation Trust
- Heart of England NHS Foundation Trust
- Birmingham Children’s Hospital
- University Hospitals Coventry & Warwickshire NHS Trust
- Royal Wolverhampton Hospitals NHS Trust
- Sandwell General Hospital
- Royal Shrewsbury Hospital
- University Hospitals of North Midlands
- Burton Hospitals NHS Foundation Trust
- Hereford County Hospital
- The Dudley Group NHS Foundation Trust
GMC Survey Results (overall trainee satisfaction and educational supervision):

<table>
<thead>
<tr>
<th>Programme Type</th>
<th>LETB/deanery</th>
<th>Overall Satisfaction</th>
<th>Educational Supervision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ophthalmology</td>
<td>Health Education West Midlands</td>
<td>(Within Range)</td>
<td>(Within Range)</td>
</tr>
</tbody>
</table>

**Surgical Experience**

Simulation Facilities and courses for trainees in the West Midlands Region:
- Eyesi virtual reality cataract & vitreoretinal simulator at Wolverhampton.
- Oculoplastics & Strabismus intermediate & advanced human cadaveric simulation course at Coventry.
- Surgical wet labs are available at the Birmingham and Midland Eye Centre, Wolverhampton and Coventry.
- Micro incisional glaucoma surgery wet lab
- Laser simulation courses
- Trabeculectomy wet lab course
- Corneal laceration and corneal gluing course

Average number of Phacos performed by trainees after two years of training:

Awaiting accurate data in this regard.

All trainees easily meet the minimum surgical requirements to progress to ST3. The vast majority exceed the requirements very comfortably. Most trainees are expected to exceed 500 phacoemulsification procedures as a minimum during their training and we make every effort to help them achieve this.

**Academia**

ACF / ACL Track Records:
- University of Birmingham NIHR Academic Clinic Fellows
  - Robert Barry 2009 - 2011
  - Mohammad Khan 2010 - 11
  - Moved sideways into OST because of personal reasons.
  - Liying Low 2013 - 2016
  - Fight for Sight Clinical Fellow 2016 -
  - Gibran Butt 2016 -
  - MRC funded Clinical PhD Student 2017 -

Previously MRC Clinical PhD Training Fellow – PhD obtained 2010
- Alastair Denniston 2010 - 11
- Present Post: Consultant Ophthalmologist, Queen Elizabeth Hospital, Birmingham and Honorary Reader, University of Birmingham

Geraint Williams 2012 - 14
- Previously Wellcome Trust Clinical PhD Training Fellow – PhD obtained 2012
- Present Post: Consultant Ophthalmologist, Worcestershire Royal Hospital and Honorary Clinical Research Fellow, University of Birmingham

Robert Barry 2016 -
- Previously ACF then Fight for Sight Clinical Fellow - PhD obtained 2015

OOFR Allowances and Stipulation:

**OOFR Allowances and Stipulation**

Currently three years but four years negotiable (taster/preliminary data year and three years PhD).

Trainee Research Network links: The Trainee-led research networks are an initiative from the Royal College of Ophthalmologists and the NIHR clinical research network ophthalmology specialty group with a mission to develop a national infrastructure for ophthalmology trainees engaging in research in the UK. Since the launch in November 2015, the West Midlands Trainees with Miss Rauz and Prof Murray have embraced the challenge with guidance from the eminently successful ‘Surgical Collaborative’ that was initiated in the West Midlands over a decade ago with notable publications such as the Rossini trial involving over 400 collaborators in the British Medical Journal. Unashamedly plagiarising the Surgical Collaborative’s successful model, the West Midlands Trainees have formed “The CONCERT” - The Collaborative Ophthalmology Network for Clinical Effectiveness & Research by Trainees.
The CONCERT has quarterly meetings with consultant trainer PIs/Mentors on Wednesday PMs outwith of the postgraduate training programme to discuss ongoing projects or research training, with Miss Rauz as the Lead Consultant Facilitator. Trainees communicate in between the Q-meetings through The CONCERT’s Whatsapp. A number of projects have been proposed including a Region wide retrospective audit in endophthalmitis that is currently underway and a prospective pan-regional audit on the incidence of microbial keratitis. The latter will use the Academic Units of Ophthalmology’s Research Electronic Data Capture (REDCap) tool to generate an instrument with App functionality to enable data entry via Apple iOS or Android.

Research Opportunities:
Academic Ophthalmology in Birmingham is ideally placed to act as a focus for translational clinical research, where a clear understanding of how immune cells behave in inflamed microenvironments is likely to be of critical importance for future translational medicine. We run a substantial ophthalmology research group comprising clinicians, basic scientists, post-Docs and PhD students (clinical and non-clinical) and Research Associates. Our clinical and laboratory research studies form an important part of portfolio-adopted studies at the local Comprehensive Research Network (CRN) and this has made possible the employment of Research Nurses, and a Data Co-ordinator. We have strong collaborations with other research groups in the Institute of Inflammation and Ageing as well as with other Institutes in the College of Medical and Dental Sciences, and other Schools in the University such as Biosciences, Chemical Engineering, and Sport, Exercise and Rehabilitation Sciences (Sportex). (http://www.birmingham.ac.uk/research/activity/inflammation-ageing/research/index.aspx) The Academic Unit of Ophthalmology is keen to support trainees who wish to undertake a higher degree (MD, PhD) but also provides advice for trainees who wish to start a research project but are unsure on how to proceed. Both Academic Consultants undertake numerous novel clinical audit (often multidisciplinary) projects with trainees that result in presentations at national and international meetings.

Published Papers by Deanery Trainees (over the last 5 Years):

- Shafi F, Mathewson P, Mehta P, Ahluwalia H The Enlarged Extraocular Muscle: To Relax, Reflect or Refer? Accepted in Eye Sept 2016


The role of social deprivation in severe neovascular age-related macular degeneration. Sharma HE, Mathewson PA, Lane M, Shah P, Glover N, Palmer H, Haque MS, Denniston AK, Tsaloumas MD.


Profound hypotony maculopathy in a first episode of bilateral idiopathic acute anterior uveitis. Edmunds MR, Madge SN.

Bilateral reversible maculopathy following road traffic collision. Sigona M, Morphis G, Edmunds MR.


A case of ectopic cilia in nail-patella syndrome.
Edmunds MR, Kipioti A, Colloby PS, Reuser TT.

Reversible branch retinal artery occlusion following intravenous cisplatin chemotherapy for cervical carcinoma.
Mitra A, Edmunds MR, Walji N, Fernando IN, Scott RA, Good P.

Alfentanil sedation for oculoplastic surgery: the patient experience.
Edmunds MR, Kyriianou I, Berry-Brincat A, Ghosh Y, Sathyaranayana CN, Beamer J, Ahluwalia H.

High rate of incomplete resection after primary excision of eyelid BCC: multi-staged resection rarely needs more than two procedures.
Kadyan A, Edmunds MR, Ammissah-Arthur KN, Durrani OM.

Intraocular surgery with warfarin anticoagulation.
Kadyan A, Edmunds MR.

Association analysis of TGFBR3 gene with Behçet's disease and idiopathic intermediate uveitis in a Caucasian population.
Barry RJ, Asalem JA, Faassen J, Murray PI, Curnow SJ, Wallace GR.

Pharmacotherapy for uveitis: current management and emerging therapy.
Barry RJ, Nguyen QD, Lee RW, Murray PI, Denniston AK.

Evidence-based practice in Behçet's disease: identifying areas of unmet need for 2014.
Barry RJ, Markandey B, Mahotra R, Knott H, Joji N, Mubin M, Denniston AK, Murray PI.

Ten-year experience of pulsed intravenous cyclophosphamide and methylprednisolone protocol (PICM protocol) in severe ocular inflammatory disease.
Khan IJ, Barry RJ, Amissah-Arthur KN, Carruthers D, Elamanchi SR, Situnayake D, Murray PI, Denniston AK, Rauz S.

The dominant human conjunctival epithelial CD8αβ+ T cell population is maintained with age but the number of CD4+ T cells increases.
Williams GP, Denniston AK, Osval KS, Tomlins PJ, Barry RJ, Rauz S, Curnow SJ.

STRUCTURAL-FUNCTIONAL CORRELATION IN PATIENTS WITH DIABETIC MACULAR EDEMA.
Edington M, Sachdev A, Morjaria R, Chong V.
Retina. 2016 Aug 29. [Epub ahead of print]

Intravitreal pegaptanib for the treatment of ischemic diabetic macular edema.
Kiire CA, Morjaria R, Rudenko A, Fantato A, Smith L, Smith A, Chong V.

An unusual presentation of patent foramen ovale.
Morjaria R, Tsaloumas M, Shah P.

Peripheral ulcerative keratitis as a complication of acute myeloid leukaemia.
Morjaria R, Barge T, Mordant D, Elston J.
Lowering the limit: reducing the CD4 T-cell threshold for ophthalmic screening in patients with HIV in an ethnically diverse UK population.
Morjaria R, Sood V, Mansvi K, Denniston AK, Palmer H.

Pharmacokinetic evaluation of pegaptanib octasodium for the treatment of diabetic edema.
Morjaria R, Chong NV.

Bilateral microbial keratitis in a case of severe xerophthalmia following small bowel resection.
Morjaria R, Mita A, McDonnell P.

Orbital cellulitis following cataract surgery under peribulbar anaesthesia.
Mukherjee C, Mitra A, Mushtaq B.

Macular Hole Formation After Intravitreal Ranibizumab Injection in Wet Age-Related Macular Degeneration.
Mukherjee C, Mitra A, Kumar NA, Esherby S, Lip PL.

Cataract surgery in patients with nanophthalmos.
Tailor R, Ng AT, Murthy S.


SiRNA-Mediated Knockdown of the mTOR Inhibitor RTP801 Promotes Retinal Ganglion Cell Survival and Axon Elongation by Direct and Indirect Mechanisms.

Prospects for mTOR-mediated functional repair after central nervous system trauma.

Decorin Reduces Intraocular Pressure and Retinal Ganglion Cell Loss in Rodents Through Fibrolysis of the Scarred Trabecular Meshwork.

Opacification of hydrophilic intraocular lenses after Descemet stripping automated endothelial keratoplasty.
Morgan-Warren PJ, Andreatta W, Patel AK.

Peripheral ulcerative keratitis as the presenting feature of systemic rheumatoid vasculitis without joint involvement.
Morgan-Warren PJ, Dulku S, Ravindran J, Smith G.

Exploiting mTOR signaling: a novel translatable treatment strategy for traumatic optic neuropathy?

Intraocular lens-edge design and material factors contributing to posterior-capsulotomy rates: comparing Hoya FY60aD, PY60aD, and AcrySof SN60WF.
Morgan-Warren PJ, Smith JA.

Morgan-Warren PJ, Mehta P, Ahuwalia HS.

Lacrimal duct cyst (dacryops) following ocular chemical injury.
Morgan-Warren PJ, Madge SN.
Late-onset capsular bag distension syndrome following cataract surgery.
Morgan-Warren P, Manna A.

Combined Acute Haemolytic and Secondary Angle Closure Glaucoma following Spontaneous Intraocular Haemorrhages in a Patient on Warfarin.
Andreatta W, Boukouvala S, Bansal A.

Use of flucinolone acetonide for patients with diabetic macular oedema: patient selection criteria and early outcomes in real world setting.
Elaraoud I, Andreatta W, Kdess A, Bhatarag A, Tsaloumas M, Quhill F, Yang Y.

ReGAE 10: long-term visual acuity outcomes after acute primary angle closure.
Andreatta W, Nessim M, Nightingale P, Shah P.

Evidence-based nutritional advice for patients affected by age-related macular degeneration.
Andreatta W, El-Sherbiny S.

Long-term outcomes after acute primary angle closure in a White Caucasian population.
Andreatta W, Elaroud I, Nightingale P, Nessim M.
Identification of post-gonioscopy hypotony: a simple clinical test to help diagnose occult cyclodialysis clefts.
Andreatta W, Agrawal P, Shah P.
Reversible Hypotony and Choroidal Effusion Following the Use of Pergolide for Parkinson's Disease.
Andreatta W, Shah P.

Bleb needling with subconjunctival injection of sodium hyaluronate 1.4%: 1-year outcomes.
Shafi F, Agrawal P, Holder R, Sung V.

Skin graft hypertrichosis associated with prostaglandin analog in the treatment of glaucoma.
Shafi F, Madge SN.

Transconjunctival entropion repair - the backdoor approach.
Kreis AJ, Shafi F, Madge SN.

Spindle Cell Lipoma of the Conjunctiva.
Shafi F, Gonglore B, Sandramouli S, Mudhar HS.

National and International meetings where trainees have presented (over the last 3 years), e.g. RCO Congress, ARVO, AAO, ESCR, BOPSS, BEAVRS, UKISCRS and BIPOSA

Awaiting information from trainees!

2. Tahir Farooq, P Mehta, H Ahluwalia Our Experience with Lateral Canthopexy in managing lid laxity related epiphora, lid malpositions and as an adjuvant; Poster Presentation BOPSS Jun 2016 Glasgow.


Monitoring of Training Quality

What quality monitoring measures are in place for trainees to feedback on the quality of their training?

The School enables and encourages quality monitoring through a designated QA Lead board member role, working closely with the head of school. The School and QA Lead are supported by a regional quality team that operates within Health Education England’s (HEE) national education quality framework. Further details:


Trainees are empowered to provide feedback, both formal and informal, through Trainee Representatives, regional surveys, ARCP’s and confidential discussions with members of the School.

In addition to the GMC national training survey, a regional annual survey (i.e. Job Evaluation Survey Tool (JEST) is completed by all Ophthalmology trainees. The results are reviewed by the School Board and regional quality team and actions taken as appropriate in line with the framework. The local education providers are reviewed as appropriate to ensure they deliver high quality education that meets requirements and professional standards/values.

Exam Pass Rates

Outline of all exam pass rates for the 4 RCO Exams over the last 5 years

Susannah Grant kindly agreed to provide data
In-house training for RCOphth Examinations

In-house training for RCOphth Examinations

In House sessions
These are organised informally between trainees and specific consultants and have been valuable for preparing for the OSCE parts especially. Domains include ethics, Evidence base, clinical cases, interpretation of tests and human factors.

Regional
Every year, two wed afternoon sessions are dedicated towards Skills in passing Part 2.

National
Oculus course is run every year at BMEC.

Regional / Local Teaching Programmes

Description of what the Regional / Local teaching Programmes provide -

- West Midlands School of Ophthalmology Post graduate Teaching Programme

Coordinator
Prof Yit Yang, consultant, RWHT and SWBHT

Study Leave Allocation
Trainee Study leave allocation:
- 15 full days flexible for Congress, ARVO, External courses etc
- 24 half days Wed PM timetable teaching (n=24)
- 3 full days Friday Midland Ophthalmological society meetings

Teaching outside of study leave allocation
- 4 half days for Trainee led Research network meetings
- Trust Induction
- ST1& ST3 (two afternoons)
- ST1 and 2 Alcon phaco lab by Tim Matthews

Wed PM Sessions (1 to 24)
Breakdown for 24 half days of wed pm timetabled curriculum teaching:

<table>
<thead>
<tr>
<th>Exit Exam x2</th>
<th>Neuro x2</th>
<th>Surgical retina x2</th>
<th>Retinal Case awards x1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Med ret x2</td>
<td>Paeds x2</td>
<td>A and E x1</td>
<td>Chris Chew x1 (Eponymous)</td>
</tr>
<tr>
<td>Glaucoma x2</td>
<td>Plastics x2</td>
<td>Forum x1</td>
<td>Roper Hall x1 (Eponymous)</td>
</tr>
<tr>
<td>Uveitis x2</td>
<td>Cornea x2</td>
<td>Management Human factors x1</td>
<td></td>
</tr>
</tbody>
</table>

Session Chairs
A named consultant chairs each session.

Venues
Location of Venue is split between Queen Elizabeth Hospital Birmingham, Coventry, Wolverhampton and City Hospital Birmingham.

Registration
A Teaching Coordinator is responsible for the sign in and sign out register. Electronic teaching feedback is collected and all trainees are issued with a teaching attendance certificates for ARCP’s.

Tea / Coffee break
Most sessions have a sponsored tea/ coffee break.
## External Fellowships / TSCs / OOPE

### Trainee Selected Component in West Midlands

<table>
<thead>
<tr>
<th>Code</th>
<th>Specialty</th>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMD/DOA/TSC/0055</td>
<td>Oculoplastics, Orbital &amp; Adnexal</td>
<td>Mr Harpreet Singh Ahluwalia</td>
<td>University Hospitals Coventry &amp; Warwickshire NHS Trust</td>
</tr>
<tr>
<td>WMD/VI/TSC/0056</td>
<td>Vitreoretinal</td>
<td>Mr Nick Price, Mr P Caruana</td>
<td>Wolverhampton Eye Infirmary</td>
</tr>
<tr>
<td>WMD/MRU/TSC/0057</td>
<td>Medical Retina &amp; Uveitis</td>
<td>Mr Yit Yang / N Narendran</td>
<td>Wolverhampton Eye Infirmary</td>
</tr>
<tr>
<td>WMD/MR/TSC/0058</td>
<td>Medical Retina</td>
<td>Mrs Peck-lln Lip, Miss Bushra Mushtaq &amp; Mr Samer Elsherbiny</td>
<td>Birmingham &amp; Midland Eye Centre</td>
</tr>
<tr>
<td>WMD/OLO/TSC/0059</td>
<td>Oculoplastics, Lacrimal &amp; Orbital</td>
<td>Mr Yaj Ghosh / F Mellington</td>
<td>Birmingham &amp; Midland Eye Centre</td>
</tr>
<tr>
<td>WMD/GL/TSC/0060</td>
<td>Glaucoma (2)</td>
<td>Mr Maged Nessim</td>
<td>Birmingham &amp; Midland Eye Centre &amp; University Hospital Birmingham</td>
</tr>
<tr>
<td>WMD/IED/TSC/0069</td>
<td>Inflammatory Eye Disease</td>
<td>Prof Philip Murray &amp; Miss Saaeha Rauz</td>
<td>Birmingham &amp; Midland Eye Centre</td>
</tr>
<tr>
<td>WMD/VI/TSC/0070</td>
<td>Vitreoretinal (2)</td>
<td>Mr Ajai Tyagi, Mr Robert Scott, Dr P Good, Mr A Mitra, Mr A Sharma &amp; Mr Kim Lett</td>
<td>Sandwell &amp; West Birmingham NHS Trust</td>
</tr>
<tr>
<td>WMD/MR/TSC/0071</td>
<td>Medical Retina (2)</td>
<td>Miss Marie Tsaloumas, Miss Helen Palmer, Mr Alistair Denniston, Mr Nicholas Glover, Miss Bushra Mushtaq &amp; Prof Philip Murray</td>
<td>Queen Elizabeth Hospital &amp; Birmingham &amp; Midland Eye Centre</td>
</tr>
<tr>
<td>WMD/CED/TSC/0085</td>
<td>Cornea &amp; External Eye Diseases</td>
<td>Mr Peter McDonnell/ A Aralikatti Prof Sunil Shah</td>
<td>Birmingham &amp; Midland Eye Centre</td>
</tr>
<tr>
<td>WMD/PAES/TSC/094</td>
<td>Paediatric &amp; Strabismus</td>
<td>Mr Manoj Parulekar &amp; Mr Joe Abbott</td>
<td>Birmingham Children's Hospital NHS Trust Wolverhampton Eye Infirmary</td>
</tr>
<tr>
<td>WMD/CED/TSC/0102</td>
<td>Cornea &amp; External Eye Diseases</td>
<td>Mr Balasubramaniam Ilango</td>
<td>Queen Elizabeth Hospital Birmingham</td>
</tr>
</tbody>
</table>

### Neuroophthalmology
- T Matthews, M Burdon A.Jacks & S Mollan

### External Fellowships

- **Moorefield's Eye Hospital**
  - Oculoplastics Fellowship 2 Trainees
- **Leicester Teaching Hospitals**
  - Oculoplastics Fellowship 2 Trainees
- **Moorefield's Eye Hospital**
  - Glaucoma Fellowship 3 Trainees
- **Manchester Eye Hospital**
  - Glaucoma Fellowship 1 Trainee
- **Manchester Eye Hospital**
  - Vitreoretinal Fellowship 1 Trainee
- **Sheffield Teaching Hospitals**
  - Vitreoretinal Fellowship 3 Trainees
- **Birmingham Midlands Eye Centre**
  - Vitreoretinal Fellowship 1 trainee
- **Birmingham Midlands Eye Centre**
  - Cornea Fellowship 2 trainees
- **Moorfields Eye Hospital**
  - Cornea Fellowship 2 trainees
- **Queens Medical Centre Nottingham**
  - Cornea Fellowship 1 Trainee
Liverpool  
Cornea Fellowship  1 Trainee

Moorfields Eye Hospital  
Medical Retina  1 Trainee

Moorfields Eye Hospital  
Paediatrics  1 Trainee

Brisbane  
Paediatrics  1 Trainee

Leicester  
Cornea  1 Trainee

Leicester  
Paediatrics  1 Trainee

East Grinstead  
Cornea  1 Trainee

Leadership and Management Training Opportunities –

University Hospitals Coventry and Warwick: Practical Leadership for Registrars Course (3 day)
Birmingham & Midland Eye Centre: Leadership and Management Seminars

Trainee Consultant Appointments (over the last 5 Years)

Alex Tytlo & Beth to kindly provide details

Farha Shafi
A J Ghauri
Simran Mangat
Hanif Suleman
Misha Darrad
Vaneeta Sood
Tom Jackson
Avinash Manna
Kwesi Arthur
Niall Crosby
Paul Tomlins
Jerald Williams
Geraint Williams
Rajen Tailor
Randhir Chavan
Diyaa Rachdan
Babar Elahi
Deepa Rathore
Simon Dulku
Pravin Pandey
Pavi Aggrawal
Archana Kulkarni
Alastair Denniston
Samer Hamada
Anju Kadyan
Manjit Bindra
N Manjunatha
Arijit Mitra