



**King's Health Partners
Education Academy
Annual Report – 2017**

Executive Summary

Introduction

This has been another highly productive year for education and training as a result of the hard work and leadership of all those who are part of the Education Academy. The Education Academy is a matrix structure of the enabling cross cutting themes and the CAG education and training leads responsible for overseeing the delivery of education and training in their CAG and I thank all of them. The Education Council draws on senior leaders from the four partners, the Medical Directors, Directors of Workforce and Directors of Nursing from the Trusts and the Executive Deans of the Health Faculties and is chaired by Sir Hugh Taylor. This membership ensures discussions regarding education and training are centre stage in the Partners' agenda.

The highlights of education and training in 2017 are described below and the work undertaken by the cross cutting themes and the CAGs are summarised in subsequent sections. All the key achievements by the CAGs in education and training are reported to show the breadth of activity across King's Health Partners. The CAG Education and Training Leads in each section have highlighted the work that has happened as a result of King's Health Partners being formed.



Professor Anne Greenough
Director of Education and Training

Highlights of education and training in 2017

A major focus has been to increase international education and training. This work is overseen by a steering group co-chaired by Professor 'Funmi Olonisakin, Vice President and Vice-Principal (International), King's College London and Professor Anne Greenough, Director of Education and Training, King's Healthcare Partners. In July, Dr Jana Jonasova was appointed as International Education and Training programme manager. There has been mapping of education and training in a number of institutes and CAGs and further review of the competitor landscape. Working with Dr Helen Collins, Vice Dean for Postgraduate Taught Education, Faculty of Life Sciences & Medicine, we are developing an innovative PGCert in Advanced Clinical Training. It is particularly aimed at international learners who wish to have a period of clinical training from six months to two years at one of our three partner Trusts. In addition, they will be offered two fifteen credit e-learning modules, which can be done before and after the clinical placement in their own organisation. These will be generic modules in research training and clinical leadership. While doing their clinical placement, they will undertake a 30-credit face to face module from an MSc specific to their discipline. We are also working to produce pathway MScs. The KHP international education and training brochure is being updated to reflect these new opportunities.

During 2017, the number of King's Health Partners' kite marked educational resources (e.g. podcasts of lectures, videos and interactive e-learning materials) available on the King's Health Partners Learning Hub has increased to 90 educational resources. There are 11,500 registered users.

Highlights of new resources in 2017 include

- **Advanced pathophysiology for critical care nursing:** Building on the success of introductory workbooks, which have been used by over 700 nurses, a team of practice development nurses at King's College Hospital created more challenging workbooks to extend their nurses understanding of pathophysiology.
 - **Extra Corporeal Membrane Oxygenation (ECMO):** The ECMO team at King's College Hospital have also created interactive workbooks, supported by links to relevant reading and presentations, for staff preparing for the ECMO competency assessment. Three modules are available so far, with more in production.
 - **Simulation:** A new set of interactive modules have been added, explaining the debriefing process in simulation and the importance of 'human factors' such as communication skills and situational awareness in health care. Over 1,200 people have now used the preparatory e-learning launched last year.
- Fight the fads:** This is a selection of short videos and articles based on evidence-based science about nutrition, diets and health. They have been created by student dieticians at King's College London to debunk the nutritional myths and fads.

Over 700 users have completed short questionnaires after using a resource, 80% of users rated the resources good or excellent. An interface for internal data collection on the Learning Hub is being developed, as are specifications for its external face.

A series of highly successful King's Health Partners' conferences were held this year, ably supported by Rachael Jarvis and the Education Academy team. They included a global mental health and psychosocial support conference, which had over 350 UK and international delegates. The keynote speakers were Lord Crisp (Chair of All Party Parliamentary Group on Global Health) "One World Health" and Dr Vikram Patel (Harvard Medical School) "Psychological treatments for the world: What rich countries can learn from the global south". The sixth annual Safety Connections conference was attended by 285 staff and students from across King's Health Partners, other NHS Trusts and external healthcare bodies listened to keynote national speakers from agencies such as

the Care Quality Commission, Wandsworth Prison and NHS England and Bryony Gordon a mental health advocate. Colleagues from King's Health Partners and the south-east London networks heard from Professor Dame Eileen Sills, Dr Shelly Dollan, Professor Ghulam Mufti and Dr Sean Cross at the Haematology Institute's Nursing and Allied Health Professional conference. Gillian Joseph from Sky News was the guest speaker at Realising your Potential, an event to help people who work in King's Health Partners to think about career progression and widening diversity.

Research capacity continues to increase, the Designing Clinical Research course was held for a sixth time from October to December. Since 2012, 139 trainees have completed the course with 22 trained faculty. Our NIHR Integrated Academic Training (IAT) scheme is supported by a credit bearing generic research course, the PGCert in Research Methodology. The poster and paper competition was held in May and through the year there were induction events for the academic clinical fellows and clinical lecturers. Our Academic Foundation programme has six out of the ten most popular posts in London and the South East. Students are supported in the application process for the Academic Foundation programme by giving them mock interviews. To encourage more KCL medical students to apply this year we held a series of meetings to give them more information about the programme and created a video. The video features our clinical academics and past and present trainees describing the benefits of being an academic foundation trainee and in particular the highlights of the programme at King's Health Partners. The students' Clinical and Academic Research Society (CARS) is increasingly popular with health students. Professor Sir Robert Lechler is the honorary president and Professor Anne Greenough the honorary treasurer, with faculty patrons from a number of the CAGs. CARS' activities include poster presentations, arranging academic foundation programme interview support and mocks of Objective Structured Clinical Examinations. CARS has been successful in a national competition to host the National Student Medical Research Conference in 2018.

Education Academy cross cutting themes

Leadership

A successful conference was undertaken of realising your potential career development in conjunction with the Widening Participation cross-cutting workstream. The second cohort of the South London Leadership programme was designed and delivered across GSTT, KCH and Greenwich in partnership with NHS Elect.

Mind and Body Education

There has been a 200% increase in uptake of the Mind and Body e-learning resource via the KHP Learning Hub.

Postgraduate Clinical Education

Guys and St Thomas' continues to score strongly in the GMC training survey scoring over 40 times in the top category. The Trust scored particularly highly in team working and in the Allergy speciality.

King's College Hospital has developed an active portfolio of educational research which has led to publications in peer review journals and presentations at several conferences, winning prizes and recognition for their work.

SLaM: In the 2016-17 academic year, SLaM successfully chaired the Confederation of South London Providers and managed the transition from the Lead Provider Model to the inclusive Provider Model across South London.

Quality Assurance

The Quality Assurance workstream reviews and approves non-credit bearing and credit bearing educational opportunities across KHP before they can be advertised under the 'KHP' 'kitemark' banner. The number of short, non-credit and credit bearing courses seeking approval by KHP's quality assurance committee has steadily increased. A range of materials have been developed to support CAGs including 'how to' guides addressing quality assurance and providing support for new CAG quality assurance short course approval committees.

Research capacity building

The Clinical and Academic Research Society provides activities for all health professional students. The Faculty of Healthcare Improvement network events focused on patient safety and quality projects, including those from medical students. In the Academic Foundation programme, trainees from St George's, University of London attend the monthly FY2 sessions. The PGCert in Research Methodology course for the integrated academic trainees enrolls twenty-four students per year and Designing Clinical Research course in collaboration with UCSF was run for the sixth year.

Simulation

Partnered with Centre for Medical Simulation in Boston to deliver the first ever UK based "simulation as a teaching tool" course and continued our development of the debrief diamond, which has now become the most recognised and used UK methodology for facilitated debrief in simulation. Across all the acute sites there has been a 90% rise in "in situ" simulation that is simulation occurring in the clinical setting.

Technology Enhanced Learning (TEL)

In 2017, registration rates on the Learning Hub increased by 14%, with over 11,500 people having registered since the initial launch in 2013. We are also seeing by increasing engagement from existing members, the number of active users per month increased by 33% from 2016 to 2017.

Widening Participation

The King's Health Partners committee won a 2017 King's Award in the category of "Most outstanding commitment to widening participation or social mobility", for their work to engage prospective students who are under-represented in healthcare and allied professions.

Clinical Academic Groups

Acute Care

The CAG is currently above the 85-95% target for six training modules including basic and immediate life support. Physical health competency training – training the trainers for targeted for band 6 and 7 staff has been set up and bespoke e-learning so all CAG staff can provide services to patients with mental health problems and learning disabilities.

Addictions

There has been continued success of the MSc in Addictions studies and contributions to the IMPARTS programme. The alcohol short course programme is finished, but ways of continuing it by putting it on line are being explored.

Allergy, Respiratory, Critical Care and Anaesthetics

The CAG has particular expertise in non-invasive ventilation (NIV, Lane Fox unit) delivering a new acute NIV practical skills course for core medical trainees and in home mechanical ventilation with an annual mechanical ventilation meeting and a European weaning and rehabilitation conference.

Behavioural and Developmental Psychiatry

There are various education resources in development and delivery including Pre-University Summer School in Psychology, Forensic Psychology Module within the undergraduate BSc psychology programme, intercalated BSc programme in Forensic Psychiatry, Criminal Behaviour & Law, CAG courses and workshops in neurodevelopmental disorders and forensic practice.

Cancer

King's Comprehensive Cancer Centre (KCCC) / Tata Memorial Cancer Centre (TMCC) Joint Summer Course: "Foundations in Oncology" an APP has been developed for the "Foundations in Oncology" Course: Lecture Capture / Problem-based learning / Feedback. Train the Trainers course (January 2017) for Education Faculty Leads at TMCC – with a follow-up in May 2017 was delivered. Dr Mieke van Hemelrijck was awarded a KCL Supervisory Excellence Award.

Cardiovascular

A 'Research Training Portfolio' for research students and fellows, under the aegis of the BHF Centre of Research Excellence. The New MBBS Curriculum 2020 - Science is maintained and Discovery Working Party includes (Cardiovascular) Mike Marber and Narbeh Melikian, and (Safe Prescribing) Andy Webb, Albert Ferro and John Archer.

Child and Adolescent Mental Health

The Centre for Parent and Child Support is responsible for the development and dissemination of four evidence-based programmes, Family Partnership Model, Helping Families Programme, Antenatal/Postnatal Promotional Guide System and Empowering Parents, Empowering Communities. In 2017-18, the Centre was commissioned by over 35 NHS, local authority, HEIs and NGOs in the UK and internationally to provide direct and licenced training in its evidence programmes resulting in dissemination to over 1000 practitioners.

Children's Health

A key focus has been the extension of programmes bridging primary and secondary care. This has encompassed 'Inreach' clinics, which involve paediatric consultants doing joint clinics in GP surgeries with GP colleagues, followed by a multi-disciplinary teaching session which was regularly accessed by practice nurses, health visitors, social workers and other team members. In addition, there was

an increasing number of 'Learning Together' clinics for paediatric and GP registrars and broadening of the Paediatric Integrated Child Health programme, a delivered teaching and quality improvement programme which operates pan-London, but with strong faculty leadership from within KHP.

Clinical Neurosciences

The CAG delivers six MSc and three undergraduate courses, development of an online component of a neurology masterclass, provision of two Academic Foundation trainees, one Academic Clinical Fellow, two Clinical Lecturers, a post-CCT fellowship and delivery of multiple short courses for national and international audiences.

Dental

High NSS score of 96% an increase from 88% in 2016. A dental student was the undergraduate winner of the University of London Gold Medal.

Diabetes, Endocrinology, Nutrition, Obesity, Vision and Related Surgeries

A modular MSc programme in Diabetes and Metabolic Medicine is being developed with a PGCert offer including in Advanced Clinical Training. An educational brochure for GPs and specialists in the surgical management of type 2 diabetes has been produced already in more than five languages with an international short course.

Genetics, Rheumatology, Infection, immunology and Dermatology

The CAG offers a competitively awarded HEE funded MSc in Genomic Medicine which is multi-professional and offers highly sought after individual modules for CPD. The IAT programme in Dermatology is the only one in the UK which has been annually awarded new ACF posts. The strength of the programme is shown by the ACFs have been 100% successful in obtaining external funding for PhD studentships.

Imaging and Biomedical Engineering

The School of Biomedical Engineering and Imaging Sciences (BEIS) at KCL recruited a record number of undergraduate students for the academic year 2016/17. The iBSc Imaging Sciences had 29 students and the BEng Biomedical Engineering had 55 students in year one. The iBSc results were exemplary, with 27 students obtaining a first class. There are now 110 postgraduate research students in the school of BEIS at KCL. The Medical Imaging Centre for Doctoral Training (CDT) has recruited its largest cohort of 20 students. There are now 121 students in total in the three MSc programmes (Medical Physics, Clinical Engineering and MEP).

Liver, Renal, Urology, Transplant, Gastro/GI Surgery

The World's First Robotic Surgery training syllabus (Urology) has been developed and Urology developed e-Learning Modules for the European Association of Urology. Dr Qihe Xu with Professor Peter Hylands, Head of the Institute of Pharmaceutical Science, led the development of an updated business plan for King's Centre for Integrative Chinese Medicine winning two Partnerships Awards.

Medicine

Dr Banerjee (Obstetric Medicine, GSTT) has developed and provides the "Medical Emergencies in Obstetrics" course, approved for CPD by the Federation of the UK Royal Colleges of Physicians. Dr Schiff (Ageing and Health, GSTT) is involved with Second Conversation Project – a training intervention to improve end of life care discussions being developed by the Royal College of Physicians. Dr Newsholme (Infectious Diseases, GSTT) is involved with an ongoing skills transfer programme with Ndola Central Hospital, Ndola, Zambia.

Mental Health of Older Adults and Dementia

Dr Rao updated the CPD module on Substance Misuse in Older People for the Royal College of Psychiatrists. Dr Rao has also written an e-learning module on alcohol and other drugs of addiction for MindEd. MHOA&D staff, in conjunction with the Maudsley Simulation Team, were awarded a Health Innovation Network grant to develop simulation training for MHOA&D staff to develop skills in having conversations with the patients with a diagnosis of dementia to plan for end of life care.

Orthopaedics, Trauma, Emergency ENT and Plastics

New and Advanced High-Fidelity Simulation Training Courses for Trauma and Arthroscopy procedures at Denmark Hill site were created and are open for all national trainees. Elective orthopaedic work at Orpington Hospital and Guy's hospital has been streamlined further and KHP is now able to provide excellent training opportunities in full spectrum of trauma and elective orthopaedic surgery. Structured overseas doctors training scheme (MTI) has been developed across KCH sites to provide a full spectrum of curriculum based two year overseas fellowship programme.

Palliative Care

The Cicely Saunders Institute Seminar and Lecture Series continue to provide an invaluable opportunity for knowledge sharing and networking, with local and international expert speakers attracting a range of health and social care professionals and the wider public. The institutes You Tube channel (www.youtube.com/user/CSIKCL) features recordings of seminars and lectures where possible, providing an inexpensive platform for learning and engagement, with over 26,000 views of 81 videos to date. For more information, see the website:

<http://kcl.ac.uk/nursing/departments/cicelysaunders/newsevents/seminarseries.aspx>

Pharmaceutical Sciences

There is sponsorship for its South East London Vocational Training Scheme (VTS) for Foundation Pharmacists – 13 trainees across KHP, Lewisham and Greenwich and Dartford and Gravesham NHS Trusts, plus Day Lewis community pharmacies in South East London. There has been development of a new Quality Improvement module for the KCL/UCL Joint Foundation School PGDip programme and developments in workplace based learning opportunities for undergraduate pharmacy students e.g. increased number of clinical placements.

Psychological Medicine and Integrated Care

In July 2016 the former Mood, Anxiety and Personality Disorder (MAP) CAG and Psychological Medicine CAG merged following a Trust wide restructure the following is a snapshot summary of this year's achievements. Two four-day training on 'Working with mothers with emotion regulation difficulties using DBT-informed principles and skills'(Southwark). One -day training to MBU staff on 'Working effectively with mothers with emotion regulation difficulties using DBT-informed principles and skills'. In-house training to Treatment Teams in the boroughs of Lambeth, Croydon and Southwark on a range of topics including "Understanding EUPD, the bio-psycho-social model, validation, distress tolerance skills, conducting behavioural chains and solution analyses with clients" and a half-day training to IoPPN D.Clin Psych course on suicide.

Psychosis

The Psychological Intervention for outpatients Clinic in Psychosis (PICuP) provides NICE guidelines adherent Cognitive Behavioural Therapy (CBTp) and Family Intervention (Fip) for psychosis. PICuP is also a centre of excellence for the training and dissemination of specialist skills in CBTp and Fip. PICuP provided a total of 19 workshops for SLAM, Oxleas NHS Foundation Trust, South West London and St Georges Mental Health Trust, West London Mental Health Trust, North East London NHS Foundation Trust, Birmingham and Solihull Mental Health Foundation Trust, University of Hull, University College London, and Queen Mary University of London.

Women's Health

The Women's Health Handbook has been updated and made available to all students. In July/August 2017 the combined Summer School through the KCL summer programme was rerun this year and the cohort were truly international with representation from Germany, China, Hong Kong, Singapore, India, Pakistan, Italy, France and Greece.