Educating the next generation of global health professionals: what do we need to put in place?

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CICH Education component

The Vision

The Experience

The Faculty

The Nuts and Bolts
The Vision

The next generation of global health professionals are at a variety of stages of their incubation right now.

We therefore need to think about our potential role in...

- Enabling life long learning for professionals from all relevant child health disciplines, at all levels
- Driving educational scholarship to understand what teaching methods have the most impact
- Equipping professionals of the future to empower patients and carers to become experts themselves
The next generation of global health professionals are at a variety of stages of their incubation right now.

We want to create a ‘home’ for educators involved in global child health.

Our current expertise can be considered in the following structure, with scope to expand to meet the needs of patients of the future:
• Undergraduate education
• Postgraduate education
• PhD programmes
• Career Development initiatives
The Experience

Undergraduate Education

- We are innovators
- We are continuously evaluating and improving the U/G 5th Year course at Imperial College
- We have led the development of the paediatric course for the new Singapore medical school
- Israel – Safed medical school in Galilee
- Skopje Medical School in Macedonia
- Follow My Footsteps provides 3 years of longitudinal experience with mothers/children
- We are launching an Integrated Clinical Apprenticeship in July 2016 at ICSM
Integrated Clinical Apprenticeship

A redesign of the 5th year: specialty training in hospitals, with your own cohort of patients that you follow throughout the year

Student To Doctor
Act as the patients’ advocate. Have responsibility for you own patients and follow them through primary and secondary care, seeing the whole spectrum of disease process

Continued Personal Relationships
With a GP practice, GP mentor, patients and their conditions, and fellow students over the course of the year

Preparation for PACES and beyond
Real life medicine. Real life patients with conditions that integrate across the Year 5 specialties

Make A Difference
Have a meaningful and memorable role in the lives of patients and their families

Find Out More on January 26th, 5-7pm, at Charing Cross Hospital
Postgraduate Education

- Currently running PG Cert / PG Dip / MSc at IC
- Rigorous assessment and robust standard setting backed up by IC educational governance
- Rwandan training programme for doctors and nurses in neonatal care / infection control
- PENTA training programme combining on-line learning with face-to-face courses
- UNICEF funded paediatric HIV courses in Central Asia and community public health nursing in Central and Eastern Europe
- Diploma course in Nigeria
The Experience

PhD and Career Development

• Integral to the research activities of the Centre for International Child Health
• >10 PhD students are currently being supervised by our faculty; doctors, dieticians, pharmacists, biologists, mathematicians...
• Range of relevant conditions (TB, malaria, sepsis, HIV, allergy, respiratory, disease prevention, child public health)
• Strong mentorship programme
• ViiV initiative providing 3 post-doc career development awards for 2 years each

‘She is passionate about the supervision and mentorship of her large group of PhD students in both UK and Africa’
The Faculty

You have already met a number of key members

Too many to name, spread across all the campuses of Imperial College and our affiliated NHS and international sites

- Wide-ranging experience of teaching internationally at a variety of levels, including public health and leadership
- Familiar with adult learning theory
- Able to develop critical thinking and scientific reasoning in trainees from undergraduate level onwards
- Delivering clinical education and research skills to enable graduates to evaluate the applicability of innovations to their own health care setting
Dr Tom Lissauer: teaching and training projects in Rwanda

- Introduction of paediatric life support (ETAT+) courses
- Training of doctors and nurses in hospitals including introduction of respiratory support with bubble CPAP
- Training of hospital staff in infection control

- Senior editor of core undergraduate textbook now in its 4th edition and translated into 10 languages
**Dr Mitch Blair**  
**Director of IC Undergraduate Paediatric Programme**

- Led a review of child health teaching for UNICEF at Skopje Medical School, Macedonia resulting in an overhaul of the core curriculum, improved e-Learning resources, standardised high-quality assessments
- Israel: provided expert guidance on student recruitment policies for Safed medical school, Galilee
- Technical Advisory Group for UNICEF Sarajevo: developed child health promotion and community public health nursing programmes in Central and Eastern European states
Paediatric European Network for the Treatment of AIDS
Highly exportable model of training that combines on-line learning materials and discussion forum, then a residential course using small group teaching techniques
Multidisciplinary; doctors, nurses, midwives, pharmacists...
UNICEF have commissioned us to deliver this in Uzbekistan, Ukraine, Russia (Irkutsk, St. Petersburg, Kazan) and the Republic of Georgia in the last 5 years
Currently running the course in India, and have previously run it in numerous sub-Saharan African and Central American countries
The Nuts and Bolts

What do we need to put in place?

We already have:

• experienced Child Health teaching faculty across Imperial College and in all the affiliated NHS departments
• extensive teaching resources and materials that are adaptable across a range of relevant areas
• technical expertise for supporting distance learning

‘Band width’ is a challenge: how do we use and grow our existing resources to deliver more international initiatives?

We would need to identify and engage international faculty as partners
What do we need to put in place?

- a forum for bringing together interested faculty to agree how to match our strengths to international child health priorities.
- a marketing strategy and administrative support, with a robust negotiating team such as ICON to broker commissions.
- technical support to adapt and develop virtual learning environments for commissioned courses that can deliver on-line learning materials, discussion fora, video-conferencing, high quality video recording.
- We need to develop simulation techniques for use in resource limited settings.
The Nuts and Bolts

What do we need to put in place?

We need CICH!
Many thanks to many people including

- Mitch Blair
- Tom Lissauer
- Arabella Simpkin
- Bob Klaber
- Beate Kampmann