



THE UNIVERSITY *of* EDINBURGH

Global Health Academy

Date 24 Jan 2010

Director Professor Sue Welburn

Global Health Academy
The University of Edinburgh
1 Summerhall Square
Edinburgh

Web www.globalhealthacademy.ed.ac.uk

Email gha@ed.ac.uk

Phone +44 131 650 6287

Dear ICONZ Members,

On-line MSc Studentship Opportunities at the University of Edinburgh

The Global Health Academy at the University of Edinburgh has been awarded 15 MSc fully funded studentships from the **Commonwealth Scholarships Commission** for 4 on line MSc programmes across the domain of One World, One Health namely Biodiversity Wildlife and Ecosystem Health, International Animal Health; Global Health and Infectious Diseases (formerly Emerging and Neglected Infectious Diseases) and Global Health and Non-Communicable Diseases. The studentships offers students a number of online programmes in human and animal health, students enrolled on these programmes become members of the Global Health Academy Community which encourages both intra- and inter-disciplinary engagement and communication. The scholarships are open to candidates who are citizens of a **developing** Commonwealth country and include full tuition fee and includes resources to enhance student participation, access and research skills.

This initiative cuts across the traditional vertical health structures, shifting the balance from solo programmes to new integrated health systems training. Our aim is to promote a global community of practice, both for staff and students. For example, in the cases of emerging zoonotic infections, staff and our student vets who are treating these animals will have the opportunity to discuss with medical, nursing and environmental health staff and students who are dealing with the human consequences of these infections. Students taking these courses find them rewarding in the opportunity they present to engage with professionals from industry, medicine, policy and research.

The standard duration for progression for students on all of the MSc programmes is three years. Within this time frame this initiative will have trained a cohort of sub-Saharan human and animal health professionals in vital skills for health, wellbeing and sustainable economic development. Our postgraduate programmes are porous in nature allowing students to tailor their academic needs from across our postgraduate portfolio; with electives available in subjects that are classically viewed as outside the expected subject area. In these discussion forums, individuals who work at a local level, benefit by engagement with a global network, and from engagement across disciplinary boundaries.

Most students on our courses are all working professionals: they have a unique opportunity to make real time, immediate differences at a local level, by collaborating in a global community such as ours. Our final year students are provided with an opportunity to improve their own research networks by collaborating across the Global Health Academy when completing their final year dissertation projects. This final year period offers the opportunity for students and their employers to interact with academic professionals across the academy, initiating new research partnerships and collaborative opportunities that have manifested in a number of academic publications.

One world. One health. One medicine. Together, we can make Life better
www.globalhealthacademy.ed.ac.uk

The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC00533

The final year project cycle management course offers an opportunity for those students who have already established themselves as active researchers with a proven academic record to train in 'Project Cycle Management and Funding Application Preparation.' It is intended that students completing this 60 credit final year course would be made aware of the various stages required for the preparation of a project proposal, including the incorporation of downstream elements of project cycle management including programme management; monitoring and evaluation (including setting baselines) and impact assessment. Such training would not only be of direct benefit to the student, but also their employer in terms of gaining an insight into the funding application mechanism and its successful navigation. The mentoring provided during this final year would help to establish networks that could in the future lead to the successful securing of funding.

The Courses

Students may apply to undertake the following courses - see hyperlinks for contact details and to apply.

MSc International Animal Health <http://www.internationalanimalhealth.ed.ac.uk/>

Livestock are vital to the livelihoods of millions of poor people, but endemic and epidemic diseases limit productivity, jeopardize assets of the poor and exacerbate poverty. Many diseases can be transmitted between animals and humans, posing a threat to the health of livestock keepers, their families and their communities. In many developing regions, the downsizing of veterinary services through economic forces, exacerbated by HIV/AIDS and the brain drain, means the control of endemic livestock diseases now relies heavily on farmers, animal health assistants and extension workers who are often ill equipped for the task. Building on a solid foundation of biological, immunological, pathological and epidemiological principles, this online MSc will equip students with the skills needed to identify, control and manage animal diseases and the expertise to tackle the international animal health challenges of the 21st Century.

To apply click on <http://www.ed.ac.uk/studying/postgraduate/finder/details.php?id=241>

MSc Biodiversity, Wildlife and Ecosystem Health - <http://www.web.mvm.ed.ac.uk/>

The future health and security of both wildlife and human populations relies critically on the health of the ecosystems on which they depend. This new MSc in Biodiversity, Wildlife and Ecosystem Health aims to meet the demand for interdisciplinary training required by those whose role it is to understand and manage the natural environment. With numerous environmental threats, it is important that people fully appreciate the complex relationships between human populations, wildlife and the ecosystems in which they live. There is more emphasis than ever before on a holistic approach to conservation management, to assess and accommodate the needs of all aspects of ecosystems, with the ultimate goal of sustainable ecosystem use to conserve the long-term potential of habitats and species diversity in both the developing and developed world. The programme draws together expertise from the University of Edinburgh's Global Health Academy, Royal (Dick) Vet School, the Royal Zoological Society of Scotland (RZSS), with the support of the International Union for Conservation of Nature (IUCN) and partner global associates, to deliver first class teaching and research in the field of Biodiversity, Wildlife and Ecosystem Health.

To apply click on <http://www.ed.ac.uk/studying/postgraduate/finder/details.php?id=646>

MSc Global Health and Infectious Disease (formerly Emerging and Neglected Infectious Diseases) - <http://www.enid.mvm.ed.ac.uk>

The emerging and Neglected Infectious Diseases are a major global concern and one that particularly impacts on developing nations. Neglected diseases are amongst the most common afflictions of mankind, with one sixth of the global population affected by one or more of these named diseases. Using the World Health Organization's (WHO) classification for these diseases we will look at the epidemiology of these infectious agents and question what can be done to control and eradicate these diseases. This programme will also look at the political determinants for policy and decision making that underlies the basis of neglect. Emerging diseases can strike at any time, regardless of political boundaries or socio-economic status. With increasing global heterogeneity, we will look at where these infections come from, and discuss how can we prevent the emergence and spread of these diseases? The Emerging and Neglected Infectious Diseases programme draws upon the parallels that exist between these diseases, learning from the challenges that exist and aiming to connect individuals to lay the foundations for a global community of practice.

One world. One health. One medicine. Together, we can make Life better
www.globalhealthacademy.ed.ac.uk

The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC00533

To apply click on <http://www.ed.ac.uk/studying/postgraduate/finder/details.php?id=413>

MSc Global Health and Non-communicable diseases:

Non-communicable (Chronic) diseases and illnesses, which include diabetes, mental illness, cardiovascular conditions (mainly heart disease and stroke), cancers, and chronic respiratory conditions account for about 60% of all global deaths, 80% of these deaths occur in low and middle income countries. These diseases disproportionately impact on the poor and vulnerable within all societies, they threaten socioeconomic development, and are currently destroying the health and wellbeing of millions. A small group of risk factors cause much of this massive burden: tobacco and alcohol use, obesity, unhealthy diet, and lack of exercise. And lying behind these modifiable and potentially preventable intermediary risk factors are a set of social determinants, such as low income, environment, education levels etc, which are the 'causes' of the cause of much of this burden of disease, and must also be addressed through multi and inter-disciplinary programmes of training. This MSc will enable students to contribute to raising the priority accorded to non communicable diseases in development work at global and national levels and to learn and work together to promote interventions to tackle the risk factors, establish better monitoring and surveillance programmes, and learn from global best practice on management and maintenance in a continuity of care setting.

To apply click on <http://www.ed.ac.uk/studying/postgraduate/finder/details.php?id=623>

Scholarship

The scholarships are open to candidates who are citizens of a **developing** Commonwealth country and include full tuition fee and includes resources to enhance student participation, access and research skills. This includes participation in Uganda-based summer school; contribution towards student costs of internet access & printing (journal articles, etc); and a contribution to MSc project costs (materials, travel, etc). Lifelong Graduate Council membership is also included.

Admission requirements

Prospective students are required to be biomedical, medical, public health and veterinary personnel or have equivalent of a 2.1 honours degree in a relevant bioscience topic. Applicants who fall below the University of Edinburgh entry requirements but have relevant work experience may be considered on a case-by-case basis. The postgraduate Certificate and Diploma may appeal to a wider audience, including persons with appropriate experience from working within the animal or human health sectors. All courses are taught in English, therefore it is important that students have an adequate command of English in order to benefit fully from their postgraduate study. If English is not a student's first language they must provide evidence that their spoken and written English are adequate to enable them to cope with their studies. This evidence should take the form of a result certificate from one of the tests listed below. Tests must have been taken within two years of the proposed date of admission, qualifications sat over two years ago are invalid. Scores must be spread equally across different disciplines of reading, writing etc. Photocopies of certificates cannot be accepted unless they have been certified as true copies, for example by the British Council.

One of the following scores is required:

- IELTS of 6.5 with 6.0 in each section
- TOEFL of 580, with 55 in all sections and 4.0 in TWE (237 in CBT (computer-based test) with 22 in all sections plus 4.0 in writing section)
- Cambridge Certificate of Proficiency in English (CPE) Grade B or higher
- Cambridge Certificate in Advanced English (CAE) grade A
- Degree from an English speaking University
- SQA Standard Grade in English, minimum level 3
- GSCE in English, minimum level C
- International Baccalaureate, English at higher or lower level

Yours faithfully,



Prof Sue Welburn
Director Global Health Academy

One world. One health. One medicine. Together, we can make Life better
www.globalhealthacademy.ed.ac.uk

The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC00533