Multiple JBCA overseas initiatives

Initiative

Education and sustained economic growth in lower to middle income countries remains one of the key global challenges identified by the UN and the UK’s ODA. Members of JBCA have been undertaking a range of training programmes using astronomy as an inspirational catalyst for STEM education. These initiatives draw together leading academic and industrial experts from the UK, Europe and beyond to provide STEM training and opportunities for advanced study. The skills learnt will ultimately be applied to range of industries such as telecommunications, space science, land management and computing; resulting in a pool of local talent which will help to drive sustainable economic growth within these LMIC.

These programmes currently include training young people in Africa (Ghana, Zambia, Kenya, Namibia, Botswana, Madagascar and Mozambique - DARA), and Latvia (BALTICS), which being extended to similar initiatives in S-E Asia (Thailand, Indonesia, Malaysia), Latin America (Columbia, Peru, Mexico) and potentially the Middle-East/Africa (Egypt, Iraq, Nigeria). This will train >>500 young people from multiple countries over the next few years, providing many young people with new skills and opportunities.

This work involves the collective expertise of many JBCA staff and students who provide training in multiple countries and environments. The University of Manchester and JBCA are one of the leading partners in many of these initiatives; providing the largest contingent of expert tutors and lectures, and also welcomes several African postgraduate students and long term visitors for advanced training as part of these programmes.

How members of JBCA have Made a Difference

All of these initiatives act toward a common objective: Socio-economic development in Lower to Middle Income Countries (LMICs). The breadth, coverage and impact of these combined projects require significant and concerted effort from multiple staff and students at JBCA. The group nomination recognises substantial contributions to the project inception, development and delivery of these programmes as well as learn from partner countries. This has included over 6 months of time to give high quality training and lecture courses to groups in over 6 different countries (including Ghana, Zambia, Kenya, South Africa, Latvia, Thailand, Malaysia and so on).

https://www.dara-project.org/
https://www.jive.nl/jumping-jive

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