

## **Professor Judith Hall: Biography**

Professor Judith Hall is Head of the Department of Anaesthetics, Intensive Care & Pain Medicine in the School of Medicine at Cardiff University.

Judith is the Lead for Cardiff University's Phoenix Project a very major cross disciplinary collaboration between our own Institution and the University of Namibia. The award winning project has over 30 projects, all driven by impact criteria and all intended to support delivery of the United Nations Sustainable Development Goals.

Judith founded the charity Mothers of Africa, and runs the Zambian Change Collaboration delivering community education and health development projects. She has recently led on building a Primary School for 540 children in rural Zambia.

She has three major broadly themed and well-funded research streams in the department: The Critical Care Alliance (with emphasis and early diagnosis and management of sepsis), Multimodal Imaging to understand mechanisms in sedation, anaesthesia and pain and Investigations in Coagulation and Blood Loss. She also has an active interest in engineering and anaesthesia and the airway.

The department has a very major stream of Innovation and Engagement activity working with industry and businesses internationally. The work focusses on challenging thinking through implementation to adoption and dissemination. Grants are attracted from major funders like the NIHR and Technology Strategy Board. She holds patents and has received numerous awards for her innovations.

One of the palpable results of this working model has been the use of income for the creation of a major simulation Simulation Centre. Judith opened the Cardiff University Simulation Centre in the University Hospital of Wales, a state-of-the-art facility for undergraduate, postgraduates and industry. In May 2016 she opened a small business functioning within Cardiff University: The Bill Mapleson Centre for Medical Innovation. She is the CEO of that organisation.

Professor Hall was awarded an OBE in the 2013 New Year Honours List for Services to Academic Anaesthesia, starting the Critical Care Alliance, Services to Africa and for starting the charity Mothers of Africa.