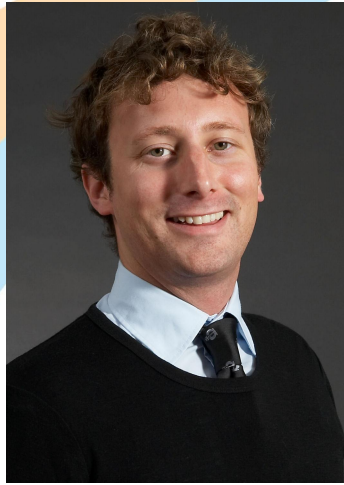


Arkwright

SCHOLARSHIPS

CASE STUDY



Liam Shiells

Scholarship Awarded: 1996 . 98
Musselburgh Grammar School

Sponsor

The MacRobert Trust

Current Position

Structural Engineer

University (1998 - 2002)

Heriot-Watt University
Structural Engineering
BEng (hons) 2nd class

Highers

Maths. Physics, DT, Tech Studies,
History and English Language

“I have had many fantastic experiences since University; travelling and working in many different parts of the world. This journey started when I was awarded the Arkwright scholarship. It would not have been possible without the award opening up my eyes to the possibilities and opportunities that a career in engineering can provide”.

Following graduation from Heriot-Watt University with an honours degree in Structural Engineering, Liam undertook a 9 month assignment with an aid organisation in Kenya. During this assignment he was responsible for the design and construction of a number of buildings at an orphanage for disabled children and babies with HIV/Aids, on the outskirts of Nairobi.

Following this he moved to Australia where he worked in Tasmania for 2 years in a structural timber engineering role and gained Australian citizenship. He is currently working for GHD Pty Ltd a large multi-national engineering firm, in Canberra where he has been for the past 3 years.



Boat on a roof in Banda Aceh a memorial to victims of the Tsunami

In 2009 Liam was posted to Banda Aceh in Indonesia to examine the structural adequacy of buildings constructed following the Tsunami of 2004. His role was to ascertain their capacity to withstand future seismic events.

Liam gained Chartered Engineer status in January 2011.



A collapsed building in Banda Aceh