



“Facilitating human development through engineering”

The **Engineers Without Borders UK (EWB-UK) Professional Network** engages young professionals interested in international development:

- Acting as a platform for shared knowledge;
- Encouraging connections between professionals, NGOs and academia; and
- Providing that crucial opportunity to gain early experience in development

The **London Professional Network** provides opportunities in the following areas:

PLACEMENTS & BURSARIES

- Overseas placements for young professionals
- Project mentors provide technical support to volunteers on placements
- Field investigation teams visit NGOs to identify future placements
- Bursary review panels review funding applications and provide advice on specific project issues

TRAINING & RESEARCH

- Teach, assist or take part in training programmes, from water & sanitation to energy & shelter
- Industrial supervisors provide guidance and advice during EWB-UK research BEng, MEng or PhD projects
- Remote project teams set development projects from their desktop

OUTREACH & EDUCATION

- Running workshops in local schools & universities, on issues such as water and emergency shelter
- Organising national training courses and presentations



London festival

8th - 19th March 2010



The EWB-UK London Professional Network presents a series of evening events to engage young professionals in the issues of overseas development and how to get involved.

Engineers Without Borders UK is registered in England and Wales and is limited by guarantee. Registered company no: 4856607. Registered charity no: 1101849. Registered address: The Humanitarian Centre, Fenner's, Gresham Road, Cambridge, CB1 2ES.



calendar of events

From scientific institutions to modern gallery spaces, come and grab a drink after work and hear about the experiences and opportunities available to you through the EWB-UK London Professional Network. For further information on any of the events listed, check out our website or e-mail us.

www.ewb-uk.org/London_PN
ilana.cohen@ewb-uk.org

ENGINEERING...MAKING THE DIFFERENCE: PHOTO EXHIBITION

TUESDAY 9TH MARCH

18.30 - late

Buro Happold offices, 71 Newman Street, W1T 1PD

Established in 1995, the Happold Trust is a proud sponsor of EWB, providing individual funding for initiatives such as the Jozini Sports Academy, South Africa; the reinforcement of Adobe Houses to improve earthquake resistance in El Salvador and the Nakruda Rural Access Project in Nigeria. 2010 celebrates 15 years of The Trust's success and its outstanding works helping promote education, research and training in the fields applicable to the construction industry, engineering, design technology and architecture.

Buro Happold and EWB invited you to a private viewing showcasing some of the outstanding work NGOs have conducted overseas, to improve the built environment for those in need.

Please confirm your place at this event by e-mailing rsvp@burohappold.com

POST EARTHQUAKE RESCUE & DAMAGE ASSESSMENT

THURSDAY 11TH MARCH

18.00 - 20.00

The Institute of Structural Engineers, Adams Room, 11 Upper Belgrave Street, SW1X 8BH

SPEAKERS: John Alarcon, Earthquake Engineering Field Investigation Team (EEFIT); Gary Francis, Search and Rescue Assistance in Disasters (SARAI D)

This presentation will start by considering how EEFIT organises field surveys and disseminates the information studied, and will present an overview of field experiences. EEFIT's principal activity is conducting field investigations following major damaging earthquakes, and reporting to the local and international engineering community on the performance of civil engineering and building structures under seismic loading.

S.A.R.A.I.D (Search And Rescue Assistance In Disasters) is a British charity dedicated to trying to save the lives of innocent victims of disaster. It is on call 365 days a year, always ready to provide trained Search and Rescue personnel, free of charge to any country in need of assistance.

MEDICAL ENGINEERING

Time & date to be confirmed: please see our website for the latest update

SPEAKERS: Andrew Gammie, The Institute of Engineering & Technology; Steven Gerrard, Cambridge University

An effective healthcare system relies on the availability of appropriate healthcare technologies. This event will cover some of the issues including the design, provision and management of medical equipment in low resource settings.

Andrew Gammie is a consultant in clinical engineering who has recently been working with the WHO on their new list of essential healthcare technologies. Steven Gerrard is currently working in a multinational team to develop a breast milk filter to prevent mother-to-child HIV transmission as part of his Phd.

DISASTER RELIEF TOOLKITS IN ACTION

Time & date to be confirmed: please see our website for the latest updates

SPEAKERS: Leigh Jones, EWB; Adrian Faiers, ShelterBox

This event will highlight successful toolkits, and those under development, which provides essential items to a family immediately following a disaster or displacement. ShelterBox is an international disaster relief charity that delivers emergency shelter, warmth and dignity to people affected by disaster worldwide. Aquabox is a robust plastic tank with water purification tablets and packed with essential welfare items with for a disaster situation. "SaniBox" is a technology under development by Leigh Jones which would provide a temporary toilet and sanitation system for temporary use in areas affected by disaster. Join us as we hear presentations about the technology and application of each of these tools.

IS THERE A BUSINESS CASE FOR DEVELOPMENT?

Time & date to be confirmed: please see our website for the latest updates

SPEAKERS: Lily Ryan-Collins, Engineers Against Poverty (EAP); Nick Sireau, Solaraid

Providing safe and affordable water to the rapidly expanding urban population of the developing world is fundamental in promoting decent living conditions, improved health and economic outcomes, and working towards the Millennium Development Goals. Given the challenges involved, successful provision will require new and innovative models. Two case studies will be presented that demonstrate that private firms can generate successful models by harnessing the dynamism of both the private sector and low-income urban communities.

EAP work in the field of engineering and international development, identifying innovative ways for policy and practice to contribute to addressing the global challenges of sustainable development and poverty reduction.

SolarAid is a British international development charity that promotes the use of solar energy to help reduce global poverty and climate change. SolarAid installs solar photovoltaic systems, for community centres, medical clinics, schools and other communal buildings.