

Division for Social Impact



Initiative by Faculty

Date: 2 November 2018

Number of Initiatives: 5

Initiative Title	Initiative Description	Initiative Owner
Engineering information sessions for top Learners and their parents	During sessions, country wide top learners and their parents are invited to information sessions about Engineering as a career and the faculty's degree programmes.	Ford, AD, Mrs <aford@sun.ac.za>
Women in Engineering Day	Annual Women in Engineering Day where Grade 10 & 11 girls who do Mathematic and Science find out more about Engineering as a career. They are addressed by postgraduate female students as well as practising female engineers.	Ford, AD, Mrs <aford@sun.ac.za>
CRSES Schools Programme	The Schools Programme provides Professional Development and Learning Materials for high school teachers on Renewable Energy.	Lambrechts, T, Mev <therese@sun.ac.za>
TRAC South Africa	TRAC South Africa is a national, non-profit Physical Science intervention programme of Stellenbosch University. The objective is to support and uplift science, applied mathematics and technology education in South African secondary schools. We seek to enable and inspire our science learners to take ownership for a successful future. More than 12 000 learners from disadvantaged communities are exposed to the TRAC programme annually.	Olivier, Debbey, Ms [debbey@sun.ac.za]
Fire Safety Engineering for Informal Settlements	The Fire Engineering Research Unit in the Department of Civil Engineering is undertaking research to improve fire in informal settlements. This involves full-scale testing of shacks, testing of suitable smoke alarm technologies, modelling shack fire spread to better understand it, community surveys, development of forensic investigation guidelines, and more. The work is being carried out in collaboration with the Western Cape Disaster Management, Fire & Rescue Services along with the University of Edinburgh.	Walls, RS [rwalls@sun.ac.za]