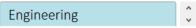
## **Division for Social Impact**



Initiative by Faculty	
Date: 2 November 2018	
Number of Initiatives: 5	



## Initiative Title Initiative Description **Initiative Owner** During sessions, country wide top learners and their parents are invited to information sessions about **Engineering information** Ford, AD, Mrs sessions for top Learners and Engineering as a career and the faculty's degree programmes. <aford@sun.ac.za> their parents Women in Engineering Day Annual Women in Engineering Day where Grade 10 & 11 girls who do Mathematic and Science find out more Ford, AD, Mrs about Engineering as a career. They are addressed by postgraduate female students as well as practising female <aford@sun.ac.za> engineers. **CRSES Schools Programme** The Schools Programme provides Professional Development and Learning Materials for high school teachers on Lambrechts, T, Mev Renewable Energy. <therese@sun.ac.za> **TRAC South Africa** TRAC South Africa is a national, non-profit Physical Science intervention programme of Stellenbosch University. Olivier. Debbev. Ms The objective is to support and uplift science, applied mathematics and technology education in South African [debbey@sun.ac.za] 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. Fire Safety Engineering for The Fire Engineering Research Unit in the Department of Civil Engineering is undertaking research to improve Walls. RS [rwalls@sun.ac.za] Informal Settlements 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.