

Design

A COMMUNITY CREATED FOR ADVANCING HUMAN-CENTRED DESIGN RESEARCH

The recently established Centre for Design Innovation (CDI) provides access to a strong, client-focused research capability. Set up to respond to increasing market demand for strategic and transformative design and development, its research aims to improve the uptake of innovations derived from design research.

The Centre has a particular concern to develop world class expertise in human scale, user focused, design led innovation. The Centre enables Design researchers and students to come together and collaborate by building on existing strengths at Swinburne University of Technology and proactively develop partnerships with industries and communities. This approach fosters skills in design innovation research, which enables postgraduates to develop high-end frontier capabilities for transforming often deviously complex problems into valued design innovations.

The Centre for Design Innovation exists to nurture and build PhD design students from around the globe, from a range of different design disciplines. For many who come through the design honours pathway powered by the Swinburne Design Factory, the Centre for Design Innovation provides that next step into frontier and advanced design knowledge development that can graduate leaders in strategic and meaningful design innovation.

Going beyond visual appeal

While a beautifully designed object can look impressive, it might not necessarily provide an organisation or individual with any sort of value. Swinburne's Centre for Design Innovation is challenging this problem, by encouraging its students to focus on designing for the client, and how their designs can have a lasting impact on society.

Product Design Engineering PhD student and 2014 Young Design Award finalist Jonathan Yap's design of the Prosthetic Foot and Cosmetic Cover is just one example of the revolutionary work being undertaken at the Centre for Design Innovation. The prosthetic foot, which can be produced for around \$15 from a 3D printer, is not just giving children in war-torn countries access to low cost aid, but also a better quality of life. The single-form design enables children to walk more comfortably, while also reducing the risk of further disability.

International research communities

Being part of Swinburne's Centre for Design Innovation connects you with a global research network growing around the world as developed economies look to the fresh approach that advanced design insight brings to tackle big challenges, or stimulate new impact opportunities.

Areas of interest include:

- Allied health, sport, and aged care industry
- Services industry
- Product manufacturing industry
- Public good sector
- Discipline advancement and research partnerships



Prosthetic Foot and
Cosmetic Cover

Designed by Jonathan
Yap, Product Design
Engineering (Hons) 2013

KEY CONTACTS

CENTRE FOR DESIGN INNOVATION

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