

Swinburne Research Institutes

Social Innovation Institute Themes for Interdisciplinary Seed Grant Funding:

1. Social enterprise and social impact
2. Participation & Inclusion
3. Justice & Public Safety
4. Wellbeing
5. Sustainable Community Development (Sarawak)

1. Social enterprise and social impact: the focus of this call is SOCIAL VALUE

Several types of organisations are interested in assessing and showing their social and/or public value. The types of organisations include local government, social enterprises, health services, community policing, airports, etc. For some of these organisations, this is an approach to marketisation and they seek to show their wider value in ways that policymakers, funders and community can easily comprehend. The approach must be to provide robust evidence of social value but in visual, accessible ways. Social value can include contributions to social networks, social cohesion, jobs, wellbeing etc; it could take an approach that looks at categories of attributes and/or builds dashboards. One or more organisations' social value could be assessed at once, showing relative value and how organisations combine to produce value.

In this space we are looking for researchers to address one or more of these challenges:

- Accessible, non-complex, robust tools to measure social value
- Using collective intelligence, including social media, smartphone data, etc to measure/assess social value cross sectionally and longitudinally
- Digital Data dashboards for social value
- Ways to produce Visualisations of social value data

2. Co-design for social innovation: the focus of this call is PARTICIPATION & INCLUSION

Here we are looking for ways to use technologies to include more people in using public and other services, finding and sharing information about services, engaging in democracy and providing feedback or engaging in co-design and coproduction with public sector, non-profit and/or commercial agencies. The goal of this theme is to engage more and novel participants in interactions with each other and institutions around knowledge and feedback, thus growing engagement in democracy and citizenship. This aligns with the 'digital democracy' movement building internationally.

We are particularly interested in using technology to find ways for marginalised participants to provide feedback to services, agencies and businesses and to use technology for exchanges to build individual and community capacity.

We are looking for researchers to address one or more of these challenges:

- Finding ways to provide consumer opinion to services and agencies, using technology
- Finding incentives for participants to participate in using technology for feedback
- Exploring ways to enhance digital inclusion
- Exploring and addressing issues of trust in using technology to participate
- Working with existing providers eg in crowdsourcing to look at how these techniques can be used to engage participants in exchanging/providing information
- Using technologies to include new/more participants in existing amenities including the natural environment, cultural amenities
- Gamification in digital democracy

3. Enhancing public wellbeing: the focus of this call is JUSTICE AND PUBLIC SAFETY

Here we are looking to nurture research that particularly addresses themes related to roles for technology, implications of technology and applications of technology in:

- prevention of/addressing aggression and violence;
- criminal behaviour; forensic mental health;
- behavioural and psychological science and policing, law and the legal system;
- victimisation and its effects;
- emerging / novel offending behaviours – particularly in relation to technology;
- arson;
- young people, emergent criminal behaviours, particularly involving internet;
- terrorism and technology;
- family violence;
- internet offending.

We are also interested in projects around internet law, intellectual property law and other technology-related topics in law research. Other topics of interest here include novel approaches in the correction and justice system that involve technology and applications of technology to improve safety of people in diverse public spaces. Additionally, online safety and security, digital citizenship approaches to combatting injustice online including online harassment, stalking, violence to women and hate; and collective and community approaches to combatting radicalisation online.

4. Digital Transformation; the focus of this call is WELLBEING

Here we are interested in technologies and human-technology approaches to improve health and wellbeing. This might include use of technologies to help those living with a health condition through to use of technologies to connect people to build better health and wellbeing. Co-design and participatory approaches are encouraged, as is the use of technology and incentives that will improve health, wellbeing and fitness.

We are also interested in research that considers impacts on individual and collective health and wellbeing, of digital disruptions such as automation of work and casualization of work. Other projects might feature use of technology to support and improve provision of healthcare, support and self-care in community and primary healthcare, and in disability services and social enterprise. We are also interested in data driven initiatives and approaches to public health and wellbeing; ethical and critical accountability in the production and management of personal and collective health data; and evaluative responses to digital, eHealth and mHealth initiatives.

Key areas here include:

- Use of technologies in mental health and general mental wellbeing
- Novel technologies for fitness and novel approaches eg gamification
- Sustaining engagement with technologies for wellbeing, fitness etc
- Use of chat bots in health and wellbeing
- Technology and people with dementia/ their carers and service providers
- Technologies to assist people with disability or frailty to better function in everyday life and live in the community
- Community-based data dashboards to understand, longitudinally and in real-time, local health and wellbeing status
- Data driven approaches to understanding and addressing health, wellbeing and healthcare delivery challenges, particularly in primary and community care and disability services

5. Sustainable rural/community development (must be led from or substantially involve Sarawak staff)

Here we are interested in building the capacity of people and communities in rural Sarawak to develop local business, tourism and social enterprise. There are a number of key issues that could be addressed including: scoping existing successful rural community enterprises, particularly rural ecotourism; exploring and addressing key challenges such as waste management, health and safety management, access to Internet and mobile connectivity, tourism and enterprise marketing, bringing appreciation of natural environment into tourism, design for ecotourism.

Approaches that are participatory are particularly important as is developing relationships with Sarawak based 'industry' partners. Ways to disseminate knowledge in accessible ways and to build community capacity are also significant.