

ARC Centre of Excellence for Electromaterials Science (ACES)



















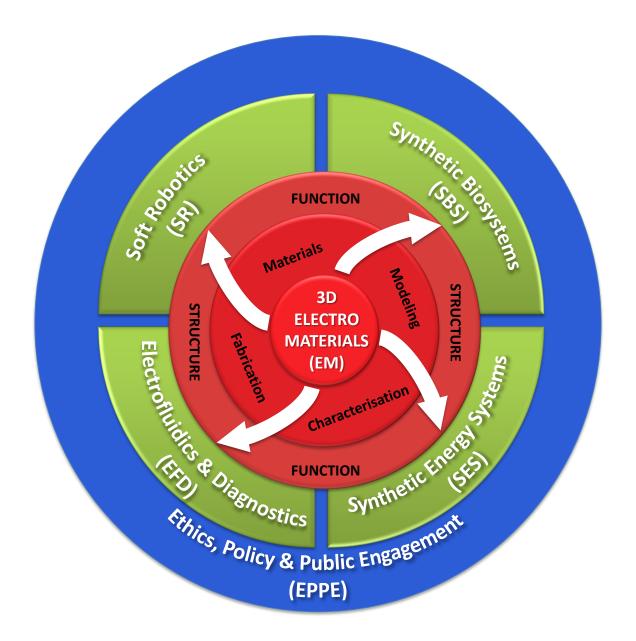






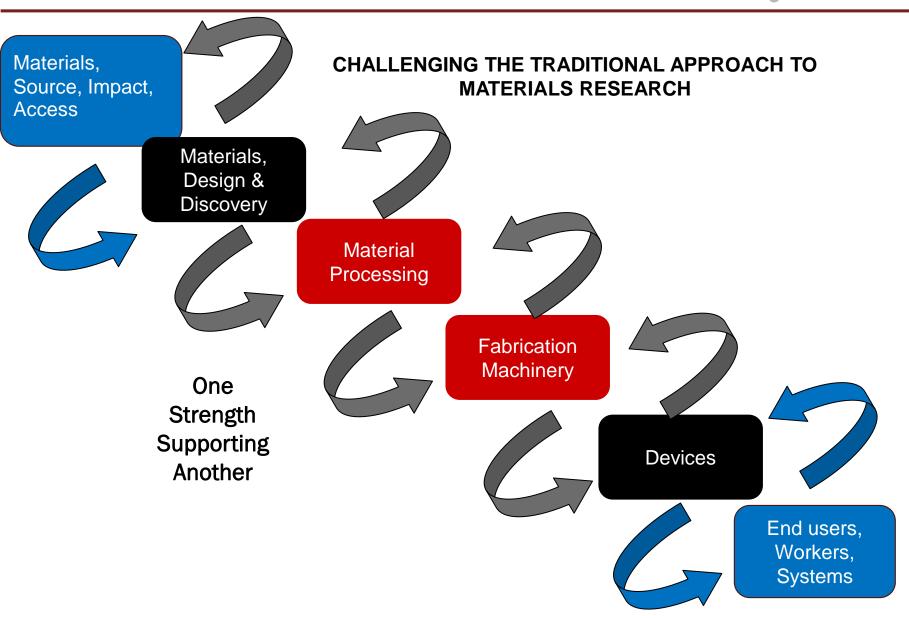












Ethics, Policy and Public Engagement Milestones



Milestone	Year	Description
EPE1	3	Identified the potential ethical and legal responsibilities of manufacturers to end users for prosthetic organs.
EPE2	4	Identified the ethical implications of assumptions about disability therapy and enhancement.
EPE3	4	Developed an approach to engagement of key stakeholders in new energy technologies.
EPE4	6	Identified the epistemic and ethical limitations of randomised clinical trials for regulation and approval of personalised medicine.
EPE5	7	Identified the policy and supply chain aspects of renewables to assess their impact on equity, access, conflict and resilience.
EPE6	7	Identified implications of new medical diagnostic systems for access to health care and international aid policy.

Impact on the culture of research

- Thinking about social, ethical, economic and environmental impact from the beginning and throughout
- Articulating arguments about value
- Anticipating social responses
- Considering approaches to enhance impacts
- Cross-disciplinary and public communication of science
- Engaging in wider social debates

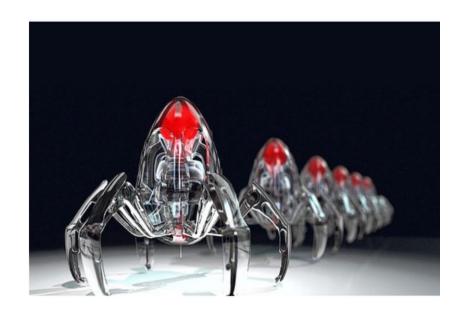
Examples: new research through collaboration

- Identification of conflict materials & supply chains
- Ethical relevance of 3D printed food; 3D printed tissue
- Research on the phenomenological experience of neural implants
- Engaging people with disability in design of soft robotic hand
- Moral status of neural organoids
- Opportunities to improve disaster resilience through renewables

Factors that contribute to collaboration



- Genuine engagement (not tacked on)
- Trust and respect
- Communication and perseverance
- Commitment to inter-disciplinarity from the top
- Fun





The EPPE Team





Chief Investigators Susan Dodds, Philosophy

Linda Hancock, Political Science

Robert Sparrow, Philosophy

Research Fellows Eliza Goddard, Philosophy

Natalie Ralph, Political Science

Mary Walker, Philosophy

PhD candidates Anna Blum, Philosophy

Mathew Cherian, Political Science Linda Wollersheim, Political Science

ACES EPPE Affiliates Jane Nielsen, UTAS (Law)

Fréderic Gilbert, DECRA (Phil), UTAS John Viaña, PhD candidate (Phil), UTAS

Olumayowa Adesanya, PhD candidate, (Law), UTAS

Katrina Hutchison, (Phil), Macquarie







