# University of Salford

## Name of Organisation:
University of Salford

## Fellowship Summary
This proposal builds on Ackers' work on supply chains. Supply chains are overlooked in global health as the focus is on medical 'treatment'. COVID-19 drew public attention to the role of supply chains in health systems.

Ackers' work on laboratory strengthening during COVID-19 focused attention on the stark impacts on low and middle-income countries (LMICs). Overseas development assistance has had the unintended consequence of undermining supply chain development (through reliance on donations). This undermines the potential to build manufacturing capacity and local supply chains in essential drugs, devices, and consumables. This programme will bring together a multidisciplinary, cross-national team, to identify 'low-hanging-fruits' in supply chain development supporting a model for scale-out to other contexts/products.

Building on previous fellowships (in Uganda) and relationships (in Tanzania and Mozambique) we will demonstrate the ability to stimulate supply chain development in a specified range of commodities (orthotics; IPC consumables, wound dressings, and antibiotics).

## Weblink for Candidates
https://hub.salford.ac.uk/health-and-society-research/centre-for-social-and-health-research/knowledge-health-and-place/

## Eligibility
To ensure we integrate the work into existing relationships, support south-south knowledge exchange and optimise impact we invite applications from professionals in Tanzania, Uganda, Mozambique, and Cambodia. We are interested in applications from health professionals involved in procurement decisions and planning in orthotics, IPC consumables, wound dressings, and antibiotics and from companies involved in procurement and local manufacturing. Building on the 2023 fellowships (and the focus on environmental sustainability) we are also interested to explore the potential for recycling in the area of single use consumables, assistive devices and plastic waste (such as that involved in orthotic manufacture).

## Proposed Fellowship Dates
21/02/2024 to 21/05/2024

## Proposed Activity
Week 1

The first week will support intensive induction and 'settling in' including support with communications technology, mobile phones, and laptops. Fellows will be set up with university associate accounts so they have access to all programmes and libraries and IT support and transferable skills training.

Week 2

Fellows will present a 5-slide PowerPoint presentation on themselves and their objectives at a team workshop on Day 3 (Week 2). This usually involves quite a bit of skills training and practice at inter-professional team working. Fellows will then hone their specific remit and area of expertise within the team and identify specific learning objectives.

Weeks 3-9

Fellows will spend time during weeks 3-9 engaging with programmes to build knowledge around their specific specialism. This will include accessing components of academic programmes; accessing materials (research, literature, and teaching materials on their specific topics); building relationships with bespoke mentors in universities, in the NHS, and companies.

Week 3 will involve placements at ALGEOS, a Liverpool-based SME that we have been developing relationships with on supply chains in prosthetics and orthotics. This case study will be used to draw out some of the key supply chain challenges.

Week 4 will include a hybrid international workshop on supply chains involving medical supply companies in the UK, Germany, Cambodia, and distributors in the 4 partner countries.

Week 5 will include a workshop with Oxford Nanopore, a company we have worked with to develop gene sequencing supply chains during COVID-19. This is of particular interest as these supply chains need a cold chain. One day of every week will be spent in workshop format with the whole team to share learning and experience.

Weeks 10-12

In the final two weeks we will focus on drafting a concept note and action plan to support the development of supply chains in the partner countries and in at least 1 of the areas identified above.

# Priority Theme

Science and technology for development