

# Tackling inequalities and upskilling a region: Lessons from South Yorkshire's new Digital Health Hub



**Tim Chico**

*Director*

*UKRI/EPSRC South Yorkshire Digital Health*

# Tackling inequalities and upskilling a region: lessons from the EPSRC/UKRI South Yorkshire Digital Health Hub

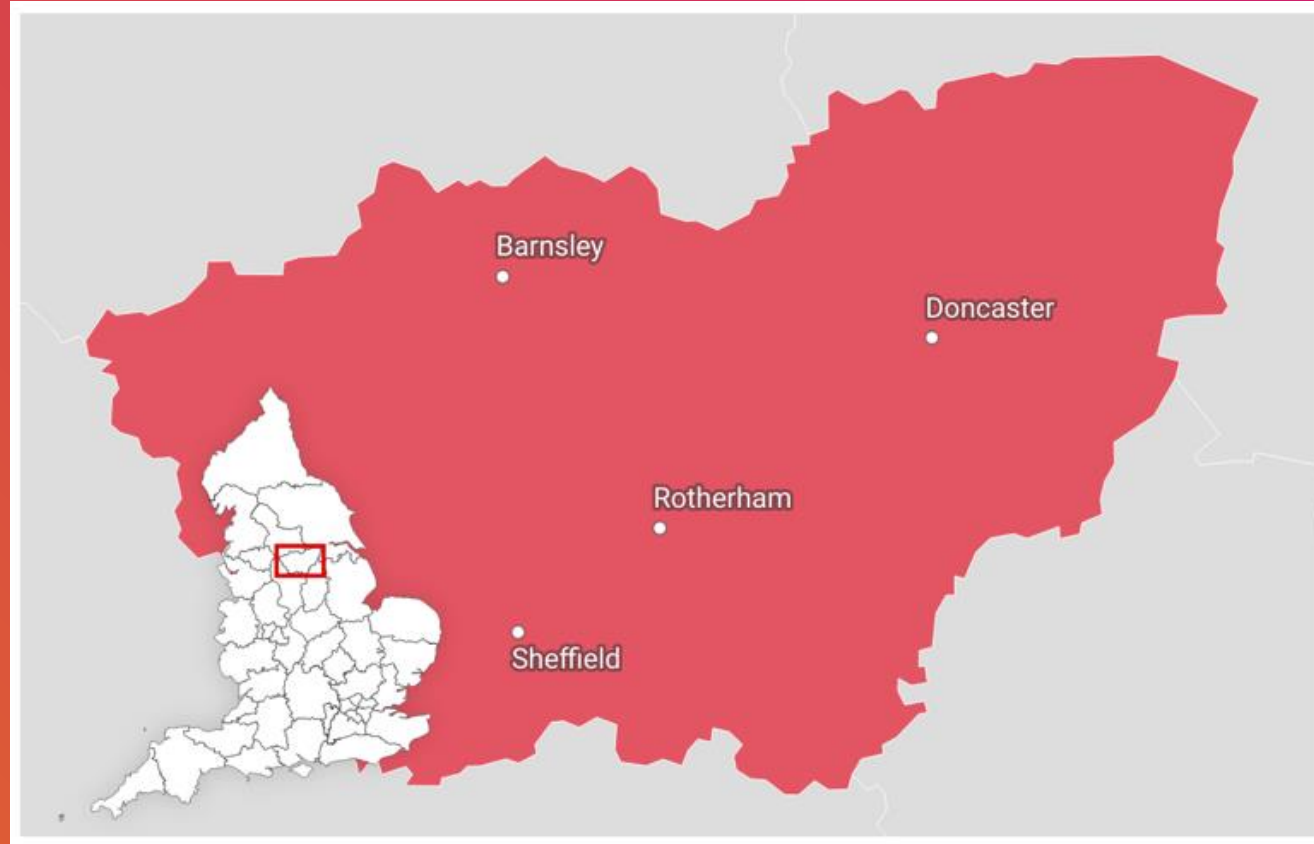
**Tim Chico**



Engineering and  
Physical Sciences  
Research Council



UK Research  
and Innovation



BMJ  
**Future  
Health**  
Conference



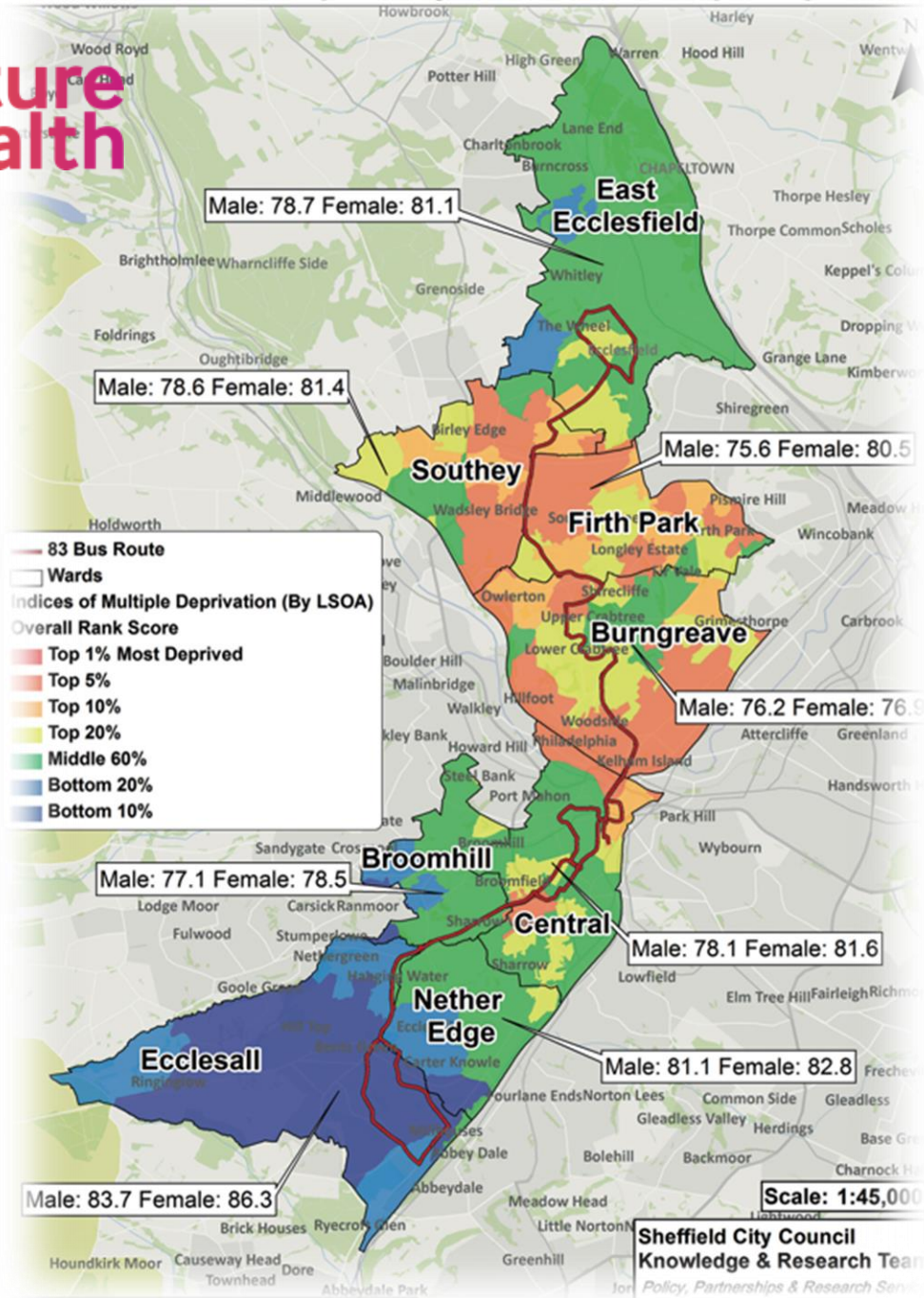
South Yorkshire  
Digital Health  
Hub

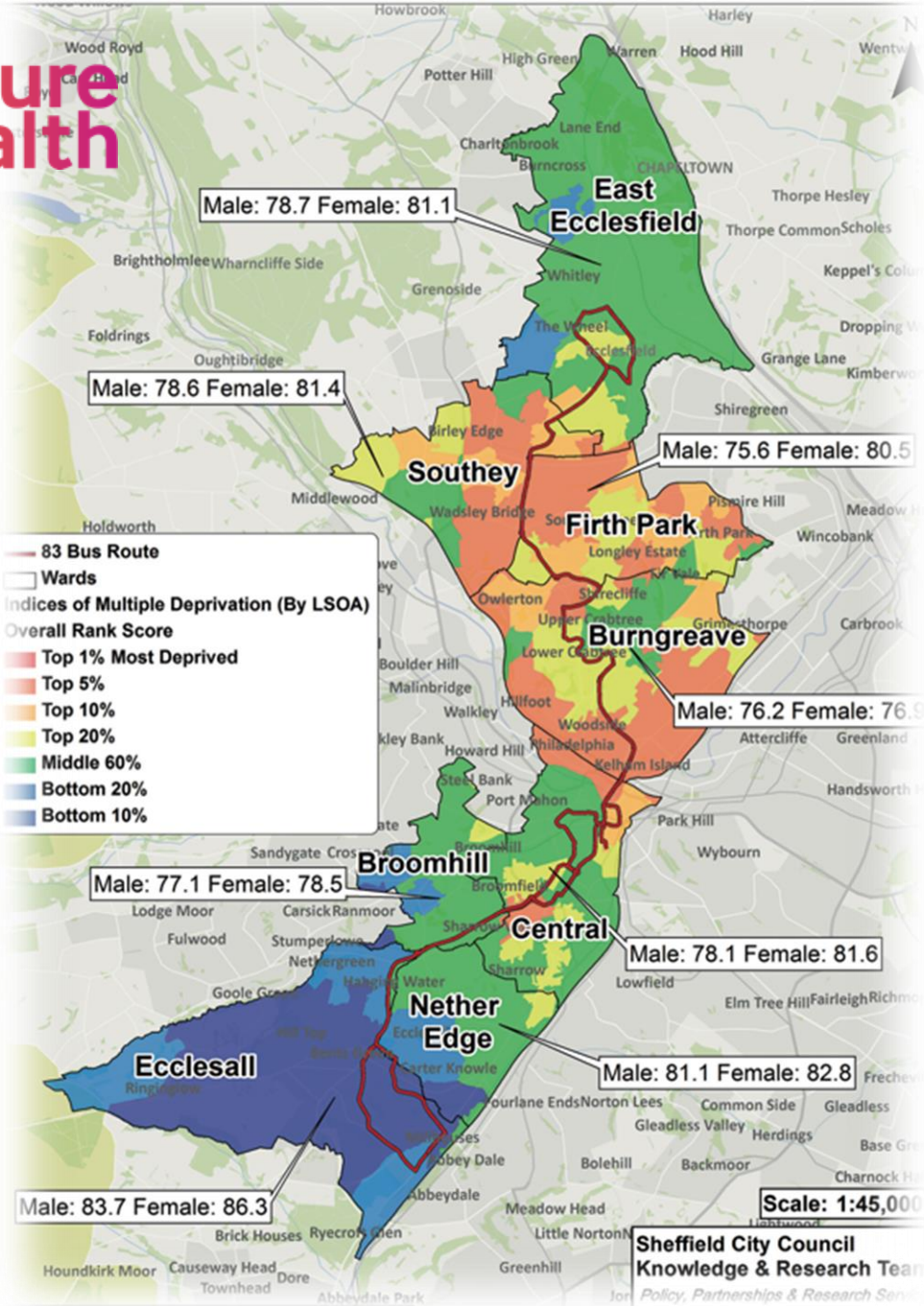


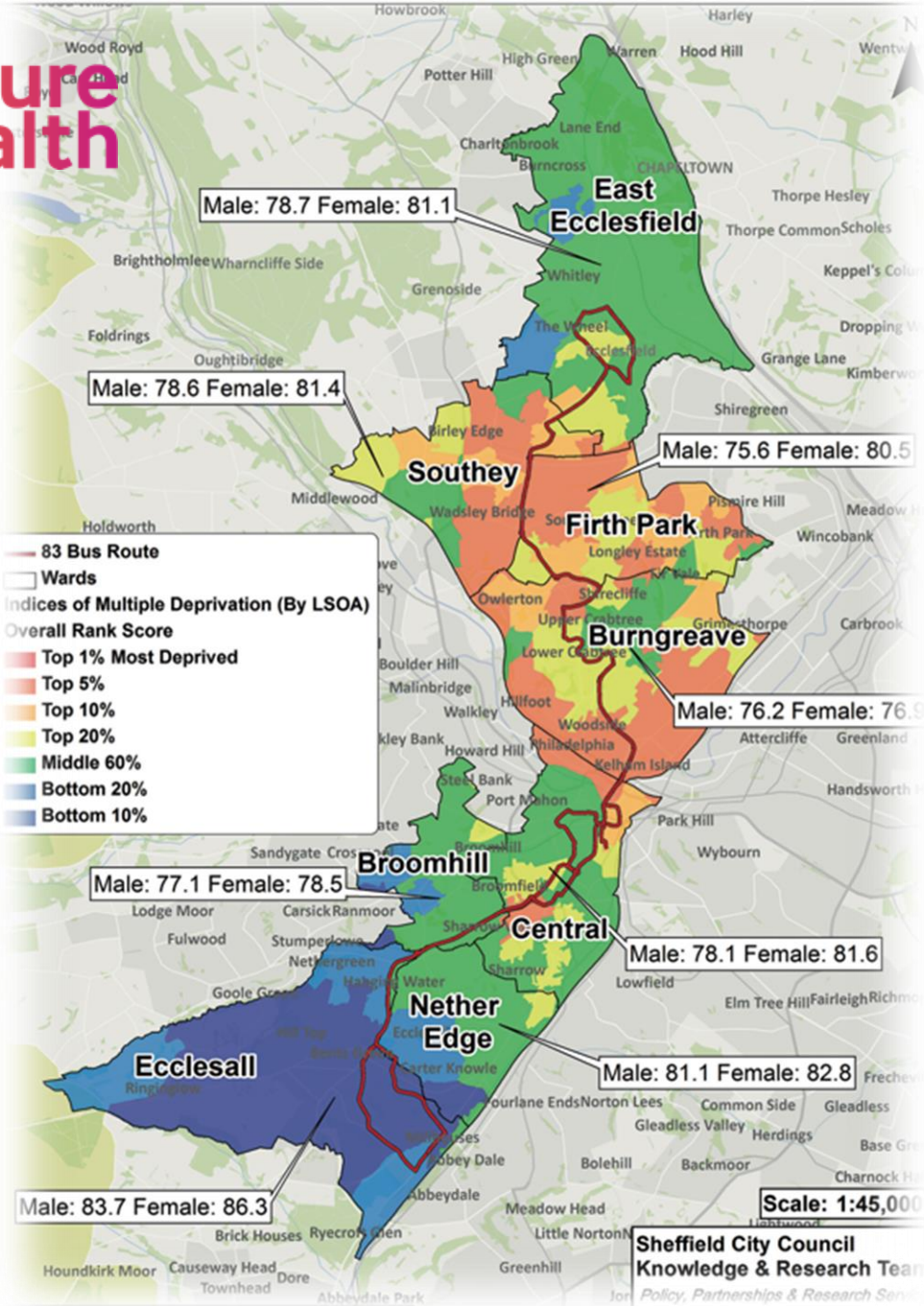
University of  
Sheffield

Sheffield  
Hallam  
University









**-16%**



**-16%**

**S&P Kensho Digital  
Health Index 3yr return**



# Digital Innovation Training and Skills

# Digital Innovation Training and Skills

## Digital Innovation Pipeline

# Digital Innovation Training and Skills

# Digital Innovation Pipeline








**Collaboration is key**





**Canon**  
CANON MEDICAL

 GE HealthCare

**Google** Health

 Eupnoos  
Breath Taking AI

 ethel  
my smart care hub

 aparito

 CHECKPOINT  
CARE

 AllyHealth

ConnectedHealth 





South Yorkshire  
Integrated Care System



SOUTH YORKSHIRE  
**SYMCA**



**MAYORAL  
COMBINED  
AUTHORITY**



ConfedExpo24: Tackling health inequalities with technology



**Susan Thomas**

Director EMEA  
Google Health



**Prof. Tim Chico**

Director  
South Yorkshire  
Digital Health Hub



Tackling health inequalities with technology



ConfedExpo24: Tackling health inequalities with technology







# Patient and Public Partnership is critical

# Sheffield Citizen's Jury 2023

## *Principles for innovation in digital health*

- **Privacy** must be respected and maintained within digital health, with safeguards in place to ensure **data security**.
- Digital health tools should be **accessible** and **affordable**. They should be easy for all to use, whether for patients or healthcare staff.
- Digital health should promote **controlled access to data**, starting with the person who the data relates to: *I should be able to look at my data and control who has access to it.*
- Digital technology should **enhance existing NHS services** and **not replace people** in healthcare – *we don't all want self-scanning checkouts!*
- **Inclusive support** must be put in place **for vulnerable groups** to use digital health tools.
- Decision-making must be open to **public scrutiny and governance**.

**Sheffield Citizen's Jury 2023**

## *Priority aims for innovation in digital health*

- Improve and **enhance the physical and mental health, and wellbeing** of the people of Sheffield **through early detection**.
- **Smooth out health inequalities** across Sheffield.
- **Free education and training** to promote healthy living **tailored to each person**. Information should be provided in multiple languages, available in person and online, and support people to take decisions which benefit their health rather than telling them what to do.
- Improve the **accuracy** and **reliability** of **current devices** over coming up with new 'gadgets'. This means promoting projects which focus on fixing existing issues first, for example ECG machines that give faulty readings, over those which try to create devices that might do something 'new' but don't solve problems with current technology.

# Sheffield Citizen's Jury 2023





# Broad, personalized training





*Claire Dellar, Plenary Keynote  
Speaker, 2024*

# “Design for the 22%”

*Claire Dellar, Plenary Keynote  
Speaker, 2024*





# Policy-makers make change

**Vote** \_\_\_\_\_ **2<sup>nd</sup> May**

# **My Plan for South Yorkshire**

South Yorkshire's Mayor

[www.OliverCoppard.co.uk](http://www.OliverCoppard.co.uk)



Vote \_\_\_\_\_ 2<sup>nd</sup> May

# My Plan for South Yorkshire

South Yorkshire's Mayor  
[www.OliverCoppard.co.uk](http://www.OliverCoppard.co.uk)

## My plan for a healthier South Yorkshire

3. Establish a South Yorkshire Digital Health Innovation Hub, using cutting edge technology to solve health problems across South Yorkshire.

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[futurehealth.bmj.com](https://futurehealth.bmj.com)