



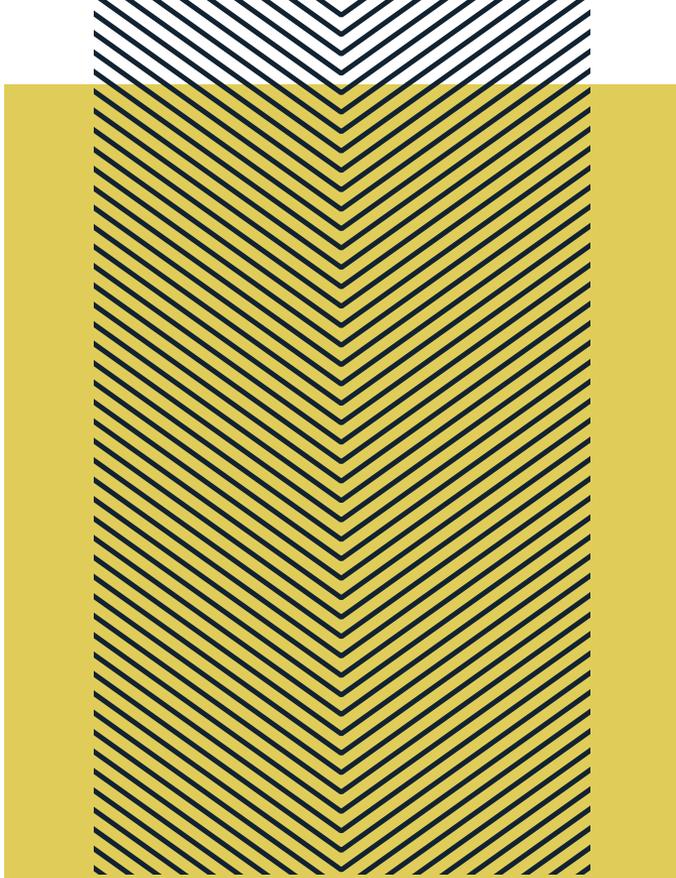
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Launch of the Centre for Excellence in Health Inequalities (CEHI)

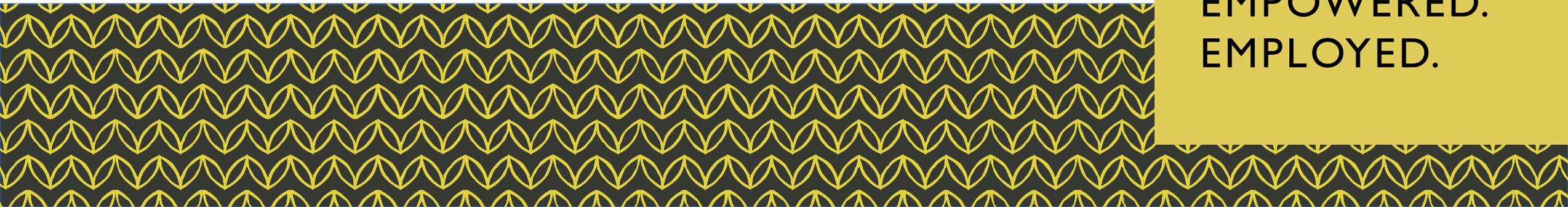
27th February 2025

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INSPIRED.
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Welcome to the launch of CEHI!

Professor Adetoro Adegoke
Director, CEHI





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Opening Remarks

Professor Damien Page

Vice Chancellor, Buckinghamshire New University





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Keynote Address

“The role of research in addressing health inequalities”

Professor Bola Owolabi

Director
National Healthcare Inequalities Improvement Programme
NHS England



Professor Bola Owolabi MRCGP FRSPH



England

Director – National Healthcare Inequalities Improvement Programme
NHS England

The Role of Research in Reducing Health Inequalities

Buckinghamshire New University Centre of Excellence in Health Inequalities Feb
2025

Healthcare inequalities improvement programme
england.healthinequalities@nhs.net

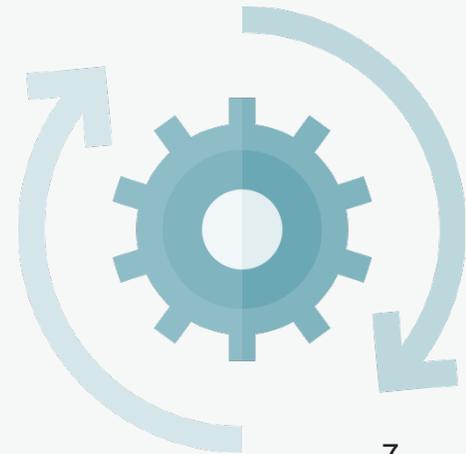
Our vision is - Exceptional quality healthcare for all through equitable access, excellent experience and optimal outcomes

To do this, we need to make several cultural shifts as a healthcare system.



Shift from	Move to
Health inequalities on the 'too difficult' pile; believing change is someone else's responsibility	Focusing on the things we can do within our spheres of influence Identifying practical steps we can all take in our work
Tick box, late-stage consideration of inequalities issues	Ongoing, proactive consideration of inequalities throughout programmes of work, particularly when faced with choices or decisions
Only describing the problem	Creating solutions through innovation and quality improvement
General statements of ambition	Explicit strategies, action plans and deliverables; demonstrable impact

Context and case for change





Lord Darzi's Independent Investigation of the NHS

“The impact of the deterioration in access and the challenges around quality of care have not been felt equally. As we have seen, there are important disparities in almost all aspects of care. The ‘inverse care law’ seems to apply: that those in greatest need tend to have the poorest access to care.”

Health inequalities in 2040

Current and projected patterns of illness by deprivation in England

April 2024

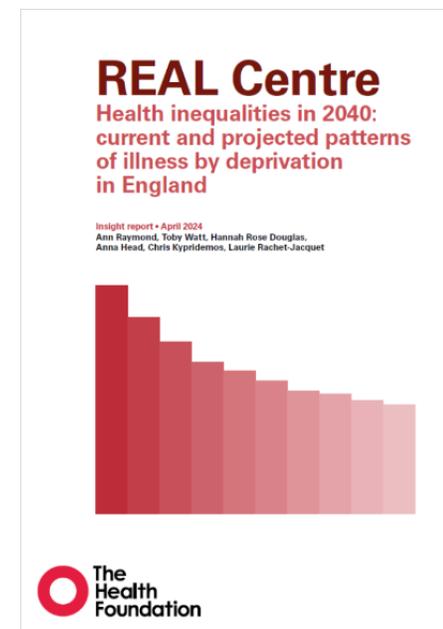
About 1 mins to read

[Ann Raymond](#) | [Toby Watt](#) | [Hannah Rose Douglas](#) | [Anna Head](#) | [Chris Kypridemos](#) | [Laurie Rachet-Jacquet](#)

[Publication](#) | [Report](#) | [Inequalities](#) | [Long-term conditions](#)

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Gaps in Global Health Data

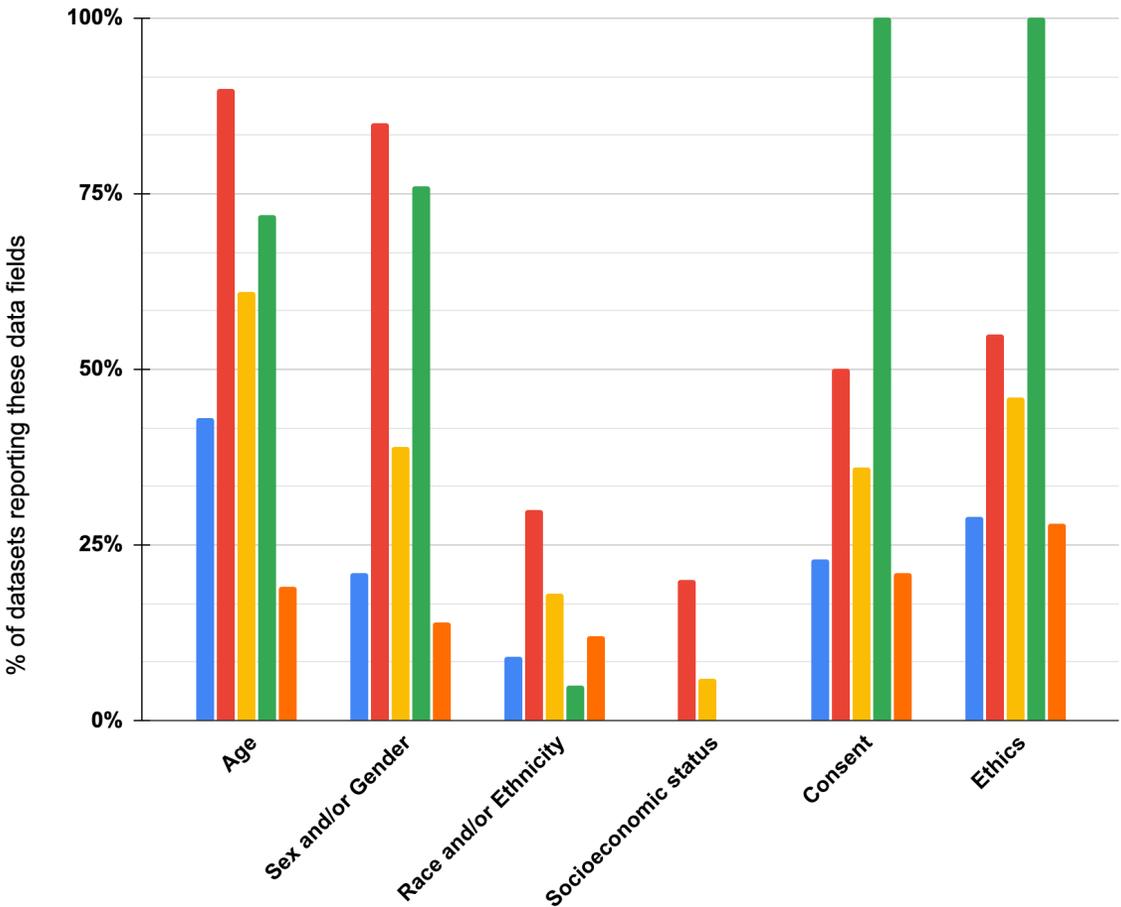


Countries / territories consistently not represented in healthcare datasets

Alderman JE, Laws E, Palmer J et al. Machine Learning for Healthcare, 2024. Adapted from: Khan et al (The Lancet Digital Health, 2021), Wen et al (The Lancet Digital Health, 2022), Alderman et al (The Lancet Digital Health, in press), Laws et al (submitted for peer review), and Laws et al (unpublished).

With thanks to Dr Elinor Laws, Dr Xiao Liu, Professor Alastair Denniston, Dr Joe Alderman, Dr Jo Palmer and Jaspreet Gill from **Standing Together** for their work on the AI Health Data Landscape.

■ Covid 19 (%) n=119
 ■ Heart Failure (%) n=20
 ■ Mammography (%) n=28
 ■ Skin Cancer (%) n=21
 ■ Ophthalmology (%) n=94



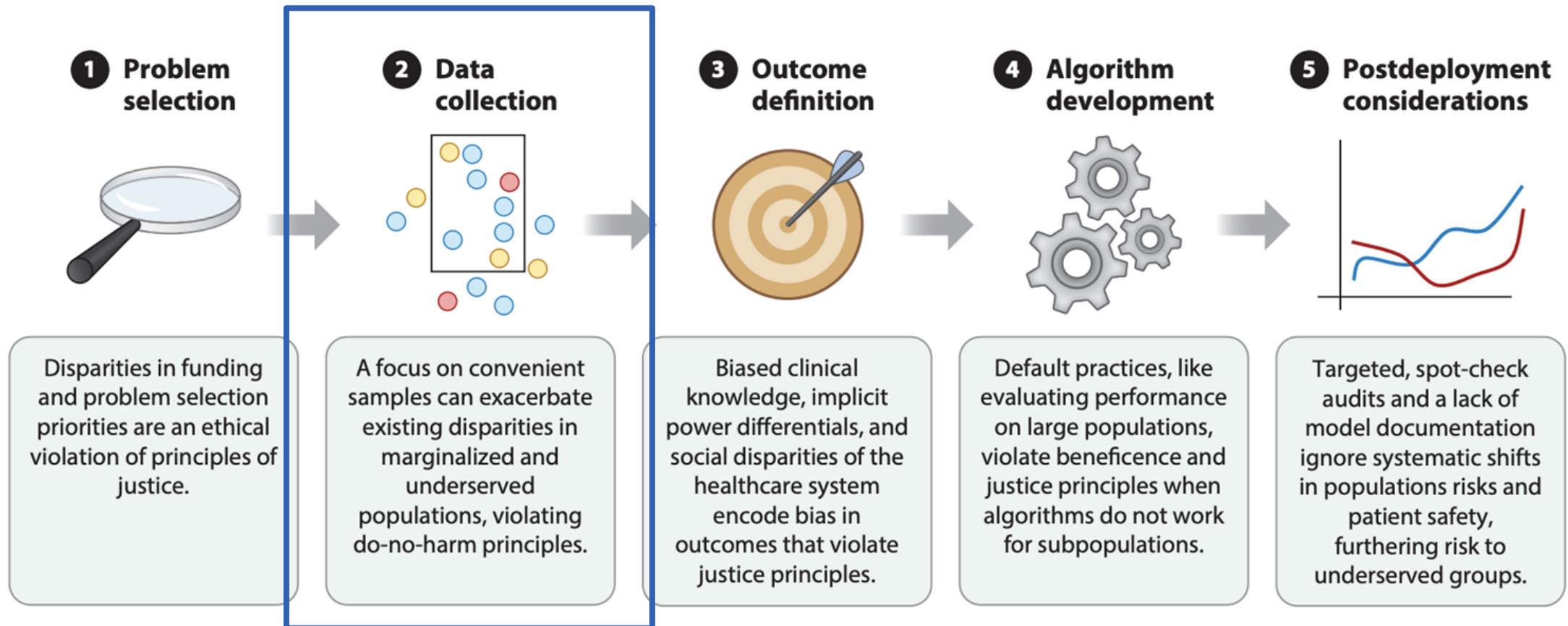
Algorithmic bias can arise from any step of the AI lifecycle

STANDING
Together



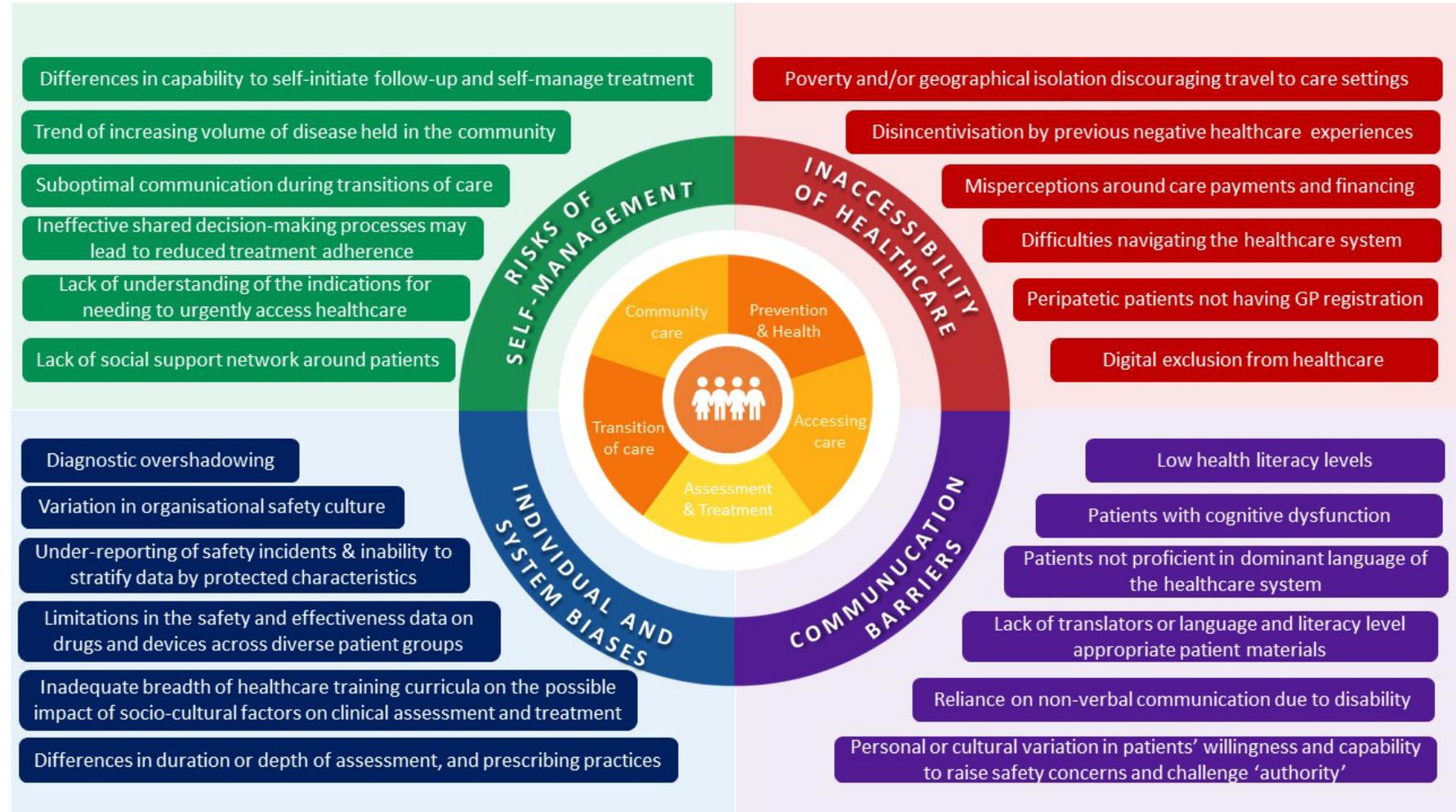
Annual Review of Biomedical Data Science
Ethical Machine Learning
in Healthcare

Irene Y. Chen,¹ Emma Pierson,² Sherri Rose,³
Shalmali Joshi,⁴ Kadija Ferryman,⁵
and Marzyeh Ghassemi^{1,6}

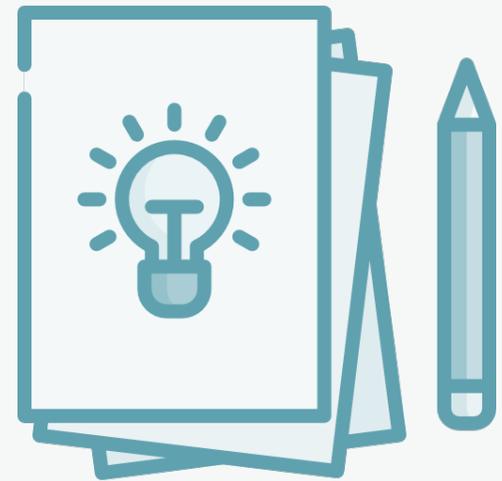


CORE20 PLUS 5 Intersection with Patient Safety

Work with NHSE/I Patient Safety team & NHS Resolution to better articulate intersection between Patient Safety & Health Inequalities - [Action on patient safety can reduce health inequalities | The BMJ](#) Cian Wade et al



Creating change



Policy & Legislative Levers – Tackling Healthcare Inequalities



New government health mission

Improve healthy life expectancy for all; Halve the gap in healthy life expectancy between different regions of England; Fewer lives lost to the biggest killers



Health and Care Act 2022

NHSE/ICBs' duty to have due regard to the need to reducing inequalities in access to health services and outcomes achieved. NHSE must publish a Statement about Information on Inequalities.



NHS Mandate

NHSE should support “...ICBs to tackle inequalities in access to healthcare at a local level; to fulfil their legal duties on health inequalities, including the delivery of five strategic priorities for system action on health inequalities; and to embed the Core20PLUS5 approach”...



Department
of Health &
Social Care



England

10 Year Health Plan

CHANGE
NHS

**Help build a
health service
fit for the future**

Get involved now, change.nhs.uk

“I am treated in a fair and inclusive way, irrespective of who I am”



Co-Chairs



Bola Owolabi – GP and Director for the National Healthcare Inequalities Programme, *NHS England*

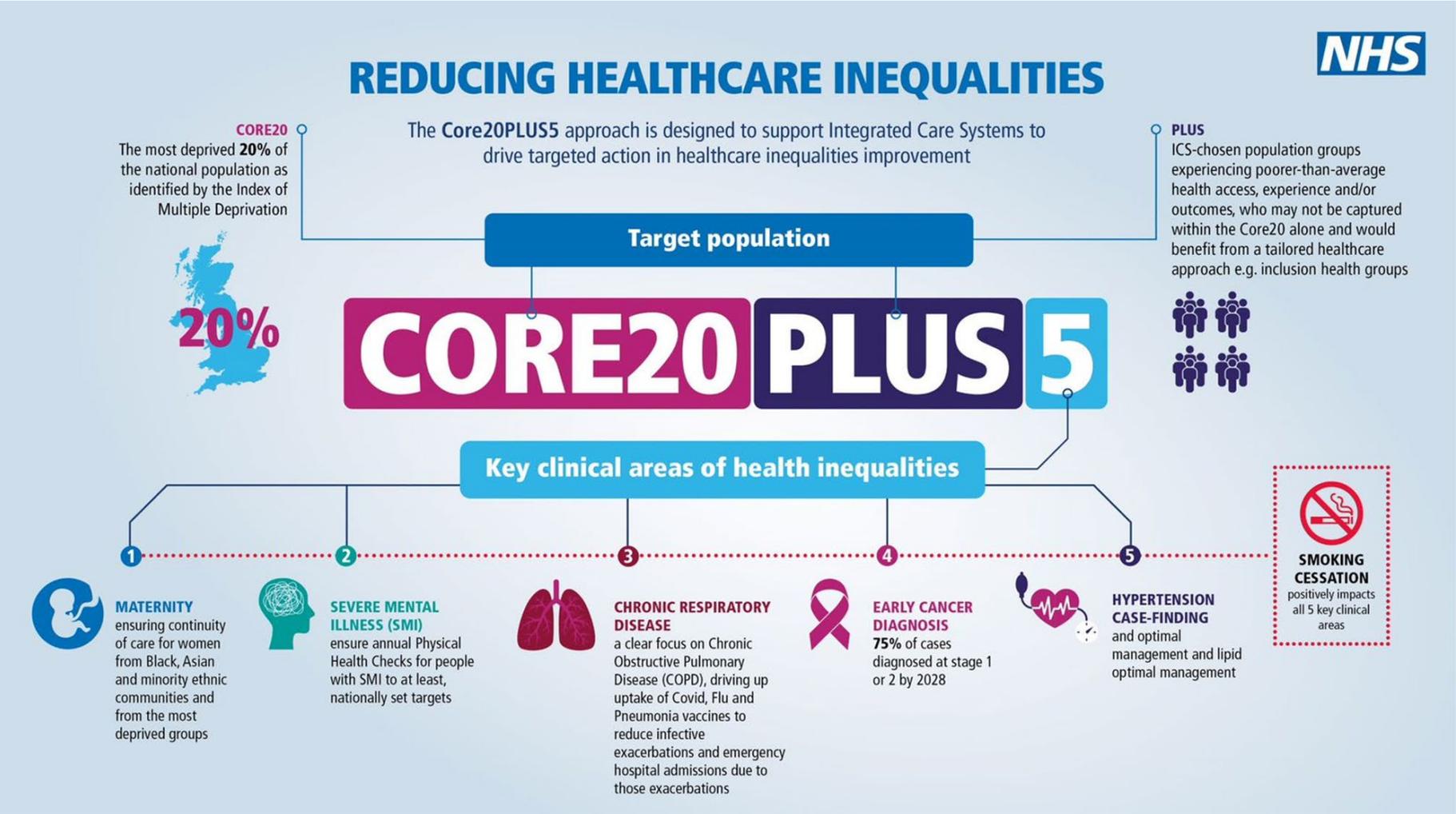


Jacob Lant – Chief Executive, *National Voices*

Key themes from the Working Group

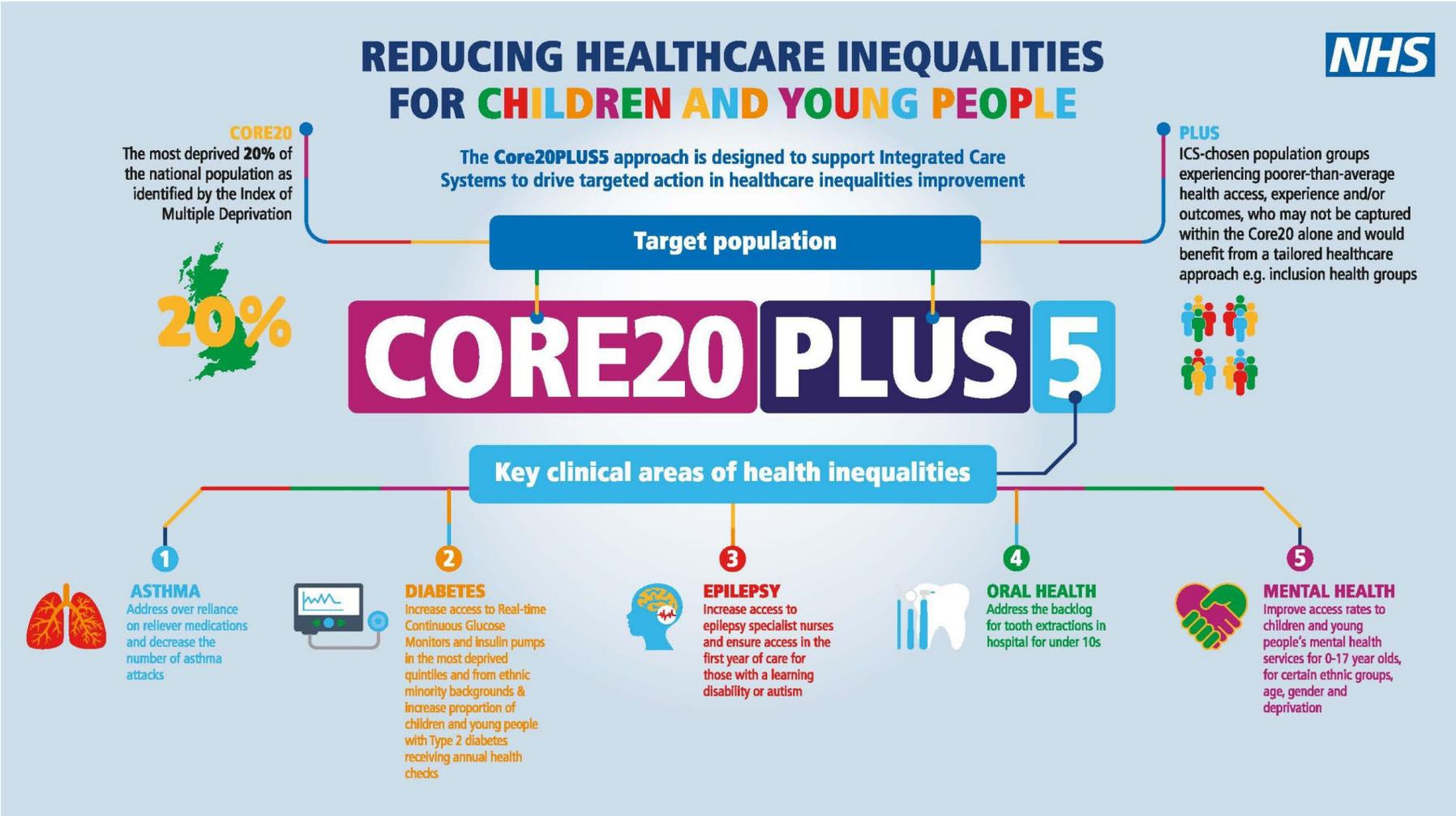
- Increasing our focus on the **most deprived areas and communities** where we know health inequalities are greatest
- Involving organisations from a **wide range of communities** to better meet patient needs.
- **Mitigating digital exclusion**, ensuring services are accessible to all
- An NHS that is **inquisitive** about those it is caring for
- **Trust is key** in tackling health inequalities
- A **shift in power** to patients and communities

Core20PLUS5 Adults



Core20PLUS5:
Framework to support systems to focus on clinical priorities where the NHS can address the social gradient in the most common cause of death, and stark inequalities faced by other groups

Core20PLUS5 Children and Young People



The Core20PLUS5 approach for children and young people similarly focuses on inequalities in disease areas where the NHS can make a specific contribution that will complement the work of wider partners

1. Research and Audit
e.g. NIHR INCLUDE, NHSE
REND, UKRI, NHS-Academic
partnerships, National audits

**5. Engaging with third
sector networks**
e.g. VCSE HI network, HIIN

**2. Innovation Creation and
Development**
Early and small-scale innovations
e.g. CEP, NIA
Established innovations or
industry
e.g. SBRI, ABPI

**Fostering an Equitable
Research Ecosystem**

4. Commissioning and adoption

- CORE20PLUS5 infrastructure
- HINs, IRLS & AAC e.g. InHIP
- Contractual levers & incentives: e.g. GP contract, CPCS, specialised commissioning

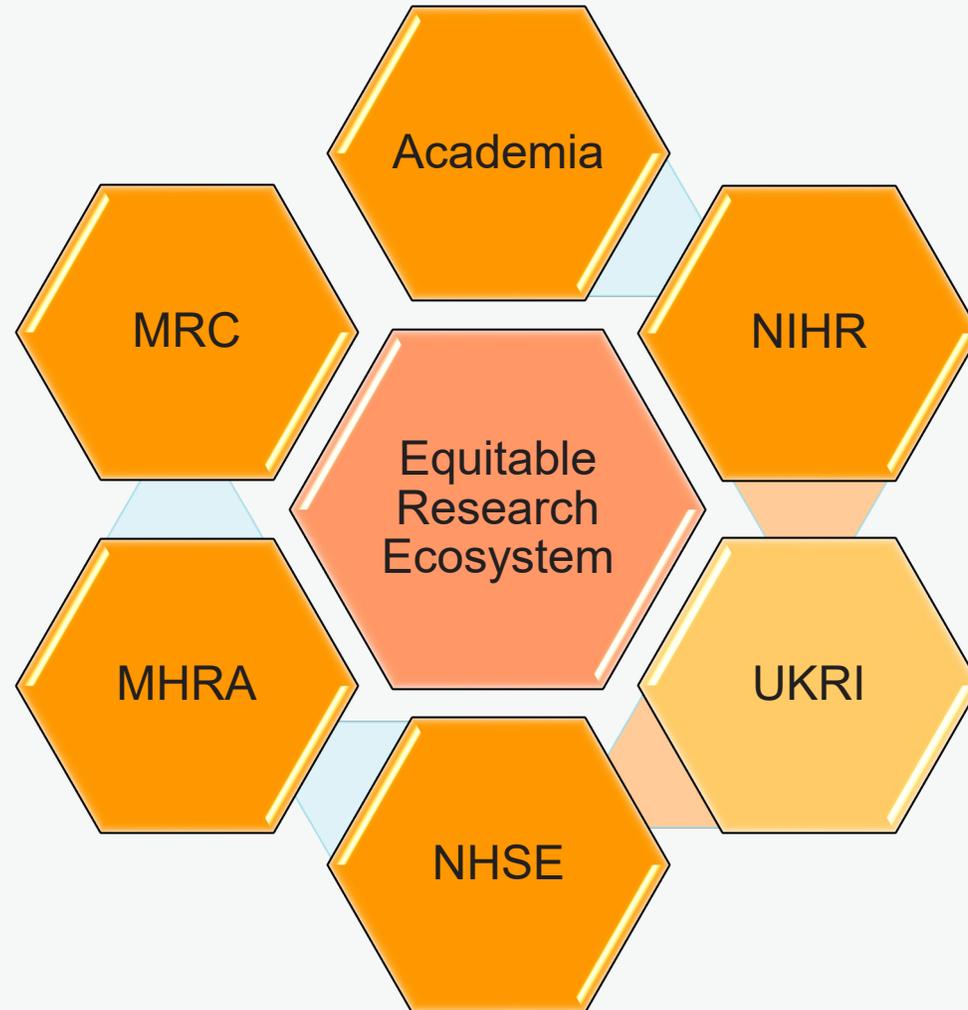
3. Regulation and endorsement
e.g. NICE – [health inequalities portal](#),
MHRA supporting patient access

Across the ecosystem, innovation is successfully being used as a mechanism by which to reduce healthcare inequalities. These programmes form the foundations on which future work can be built.

Narrowing Healthcare Inequalities - Research



Research for Healthcare Equity – The Ecosystem



Life changing research funded by the public



▼ About us

▼ Research funding

▼ Career development

▼ Support and services

▼ Our research

▼ Get involved

News

Inclusion now a key condition for NIHR funding

27 November 2024

3 min read





The Research Engagement Network (REN)

A collaborative network to better support diverse communities
to get involved in research across Greater Manchester

With Thanks to...



Dr Xiao Liu

University Hospitals
Birmingham NHS
Foundation Trust &
University of
Birmingham, UK



**Professor
Alastair Denniston**

University Hospitals
Birmingham NHS
Foundation Trust &
University of
Birmingham, UK



Dr Joe Alderman

University Hospitals
Birmingham NHS
Foundation Trust &
University of
Birmingham, UK



Dr Jo Palmer

University Hospitals
Birmingham NHS
Foundation Trust, UK



Dr Elinor Laws

University Hospitals
Birmingham NHS
Foundation Trust, UK



Jaspret Gill

University Hospitals
Birmingham NHS
Foundation Trust, UK



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Panel session

Theme: The Future of Health Equity: Challenges and Opportunities

Professor Arinola Adefila
Panel Moderator



Panellists



Steve GoldenSmith

*Head of Prevention and Health Inequalities, NHS
Buckinghamshire Oxfordshire and Berkshire West ICB*



Margaret Greenfields

Professor of Social Policy, Anglia Ruskin University



Olayiwola Ajileye

*Clinical Director, Integrated Community Care &
Recovery (ICCR) Services*



Zoe McIntosh

Chief Executive, Healthwatch Bucks



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Showcasing: Centre for Excellence in Health Inequalities (CEHI)

Advancing Equity, Improving Health Outcomes

Professor Adetoro Adegoke

Director, CEHI





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What is CEHI?

- A research-driven **centre of excellence** focused on reducing **health inequalities** through **research, policy, education, and community engagement**.
- Based at **Buckinghamshire New University (BNU)**.
- CEHI works towards **evidence-based solutions** to reduce these disparities.
- **Key areas of focus:**
 - ✓ Research and Policy Influence
 - ✓ Education and Capacity Strengthening
 - ✓ Community Engagement and Partnerships
 - ✓ Global Health

Website: <https://www.bucks.ac.uk/centre-excellence-health-inequalities-cehi>





CEHI Initiatives and Focus Areas

Research and Policy Advocacy:

- Producing **data-driven insights** to influence national and local health policies.
- Collaborating with **NHS England, public health agencies, VCSE.**

Education and Training:

- Developing **health inequality curricula** for professionals.
- Hosting **workshops, conferences, and training programmes.**

Community-Based Health Interventions:

- Working directly with **marginalised communities** to co-design solutions.
- Strengthening **cross-sector partnerships** for real-world impact.



Components of a strong research culture





Current research projects

Improving access to, experiences of and outcome of healthcare for Gypsy, Traveller, Roma, Showmen, and Boater (GTRSB): The GTRSB Healthcare pledge

Aim:

- To enhance the accessibility, quality, and outcomes of healthcare services for GTRSB communities thus creating a more inclusive and equitable healthcare system that effectively meets their needs

Transdisciplinary exploration of women commercial sex workers (WCSWs) in the local community: examining experiences, support services, and factors influencing health and wellbeing for women

Aim:

- To explore the lived experiences of WCSW, in the local community. This research project is being conducted in collaboration with local charity organisation - Connection Support, High Wycombe, Bucks.

Women's Community Health and Well-being Worker Service

Aim:

- To improve the health and wellbeing outcomes of women (including women from key ethnic groups) living in within the most deprived areas of Buckinghamshire before, during and after their pregnancies.

Diversity in Higher Education Leadership: Women for Higher Education Leadership in Nigeria and the UK

Aim:

- To explore and conduct a comparative analysis of gender diversity in higher education leadership by identifying barriers, sharing best practices, and developing strategies to enhance the representation of women in senior leadership roles in Nigeria and the UK.





Upcoming Projects and Opportunities

Upcoming Initiatives:

- **Cross-sector research collaborations on health equity and workforce diversity.**
- **Training programmes** for healthcare and social care professionals.
- **Policy roundtables** with local and national government agencies.
- **Podcasts:** Health Equity at Scale

How You Can Get Involved:

- Join our **research network**.
- Collaborate on **funded research projects**.
- Attend upcoming **CEHI events and trainings**.





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Conclusion

- CEHI is committed to **empowering communities, influencing policies, and driving impactful research.**
- **Your collaboration matters!** Join us in shaping a more equitable healthcare system.

Upcoming Events: Workshops, training, and conferences.

Follow CEHI: <https://www.bucks.ac.uk/centre-excellence-health-inequalities-cehi>

Thank You!





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Interactive Engagement: Opportunities and priorities for CEHI

Zahara Chowdhury
EDI Business Partner
BNU



The year is 2035: what areas of health inequity will CEHI be researching and finding solutions for?

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Dentists: 'Some children in Norfolk have never seen a toothbrush'

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First 750 schools named for free breakfast clubs



[UCL Home](#) » [UCL News](#) » [New £50m 'challenge' to reduce inequalities in maternity care](#)

New £50m 'challenge' to reduce inequalities in maternity care

26 November 2024





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Closing Remarks

Call to Action: Collaborate with CEHI, join its initiatives, and support its mission

Professor Karen Buckwell-Nutt
APVC Student Experience





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For further information regarding the Centre for Excellence in Health Inequalities, please contact us on cehi@bnu.ac.uk.

Alternatively, please visit us at:

[Centre for Excellence in Health Inequalities \(CEHI\) | Buckinghamshire New University](#)

Thank You

