

Inclusive Research

Dr Mark Richards

Mark Richards CV

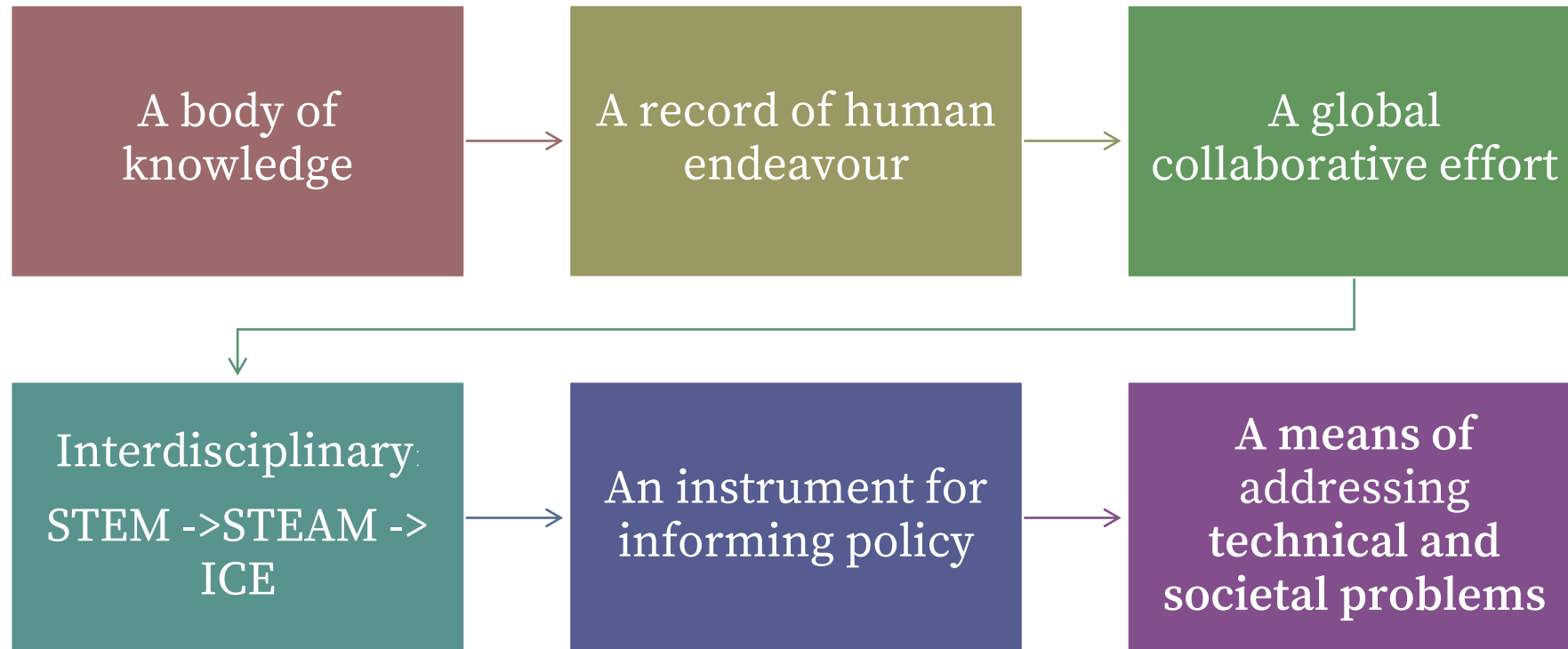


‘I have a track record of cutting across traditional academic boundaries to explore multidisciplinary research. I also have significant **industrial** and **commercial** experience.’

- Senior Teaching Fellow, Imperial College London
- Head of Outreach, also on several EDI Committees
- PhD Atmospheric Physics (Imperial)
- Post-Doc, High Energy Physics (developed high throughput UV sensor as part of technology transfer programme)
- Research Activities: Gas phase spectroscopy, instrumentation, wireless sensor networks
- Co-founder of Duvas Technologies (air sensing company)
- Several years Industrial experience with Perkin Elmer (global analytical instruments manufacturer)
- Also finance: Credit Manager & Projects Analyst for large software firm (£100m turn over pa)
- Part-time DJ and Founder of Xtremix Records (independent record label)



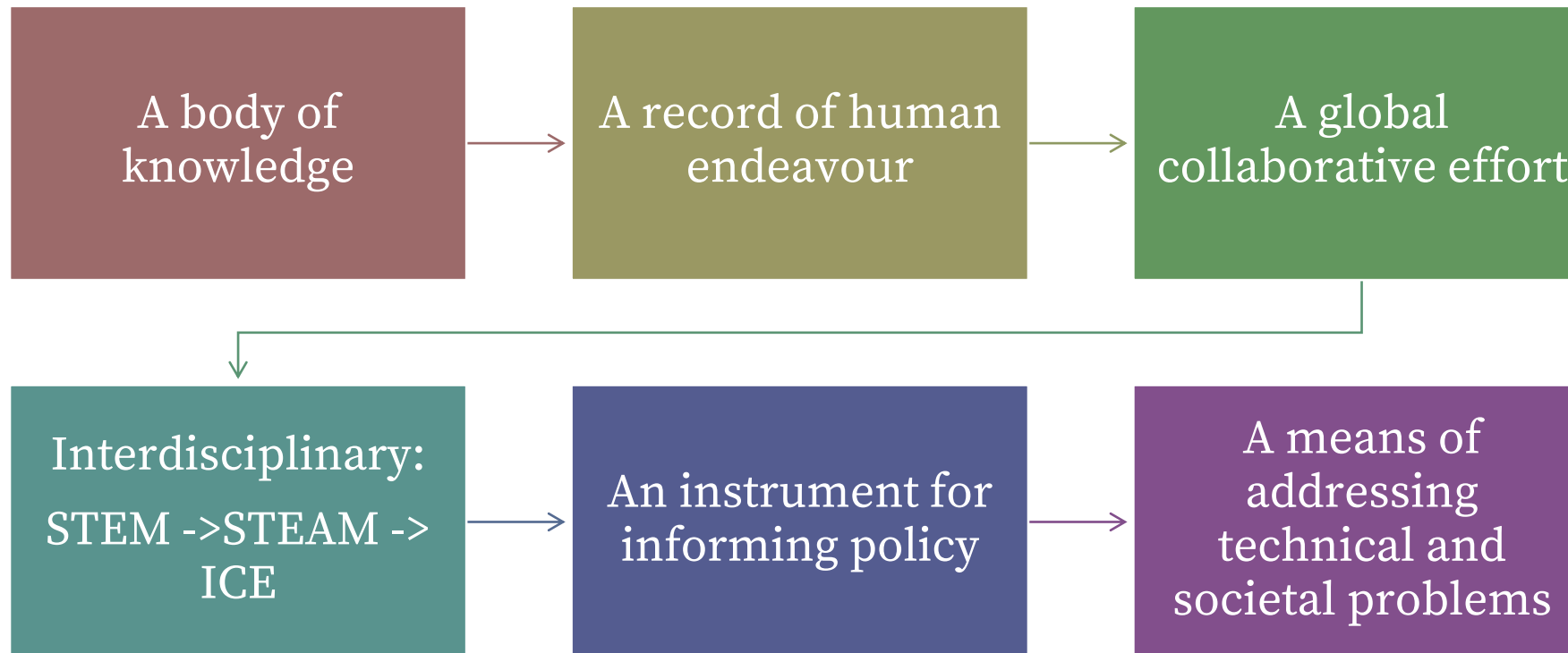
What Is Research?



Research starts with questions...



What Is **Inclusive** Research..?



The same attributes: viewed through an inclusive lens..



| What Is Inclusive Research?



Jocelyn
Burnell

A body of
knowledge

A record of
human
endeavour

A global
collaborative
effort

Are great minds across the spectrum of humanity truly being harnessed?

Is our 'record of human endeavour' an accurate reflection of the contributors?

Does 'knowledge discovery' carry equal weight wherever it's discovered?



Satyendra Nath Bose



Jim Gates - Adinkra
Symbols



What Is Inclusive Research?

Interdisciplinary:
STEM ->STEAM -
> ICE

A means of
addressing
technical and
societal issues

An instrument
for informing
policy

Innovation

Is research between the disciplines supported and captured well?

Culture

What drives 'research culture' and is it a reflection of culture generally?

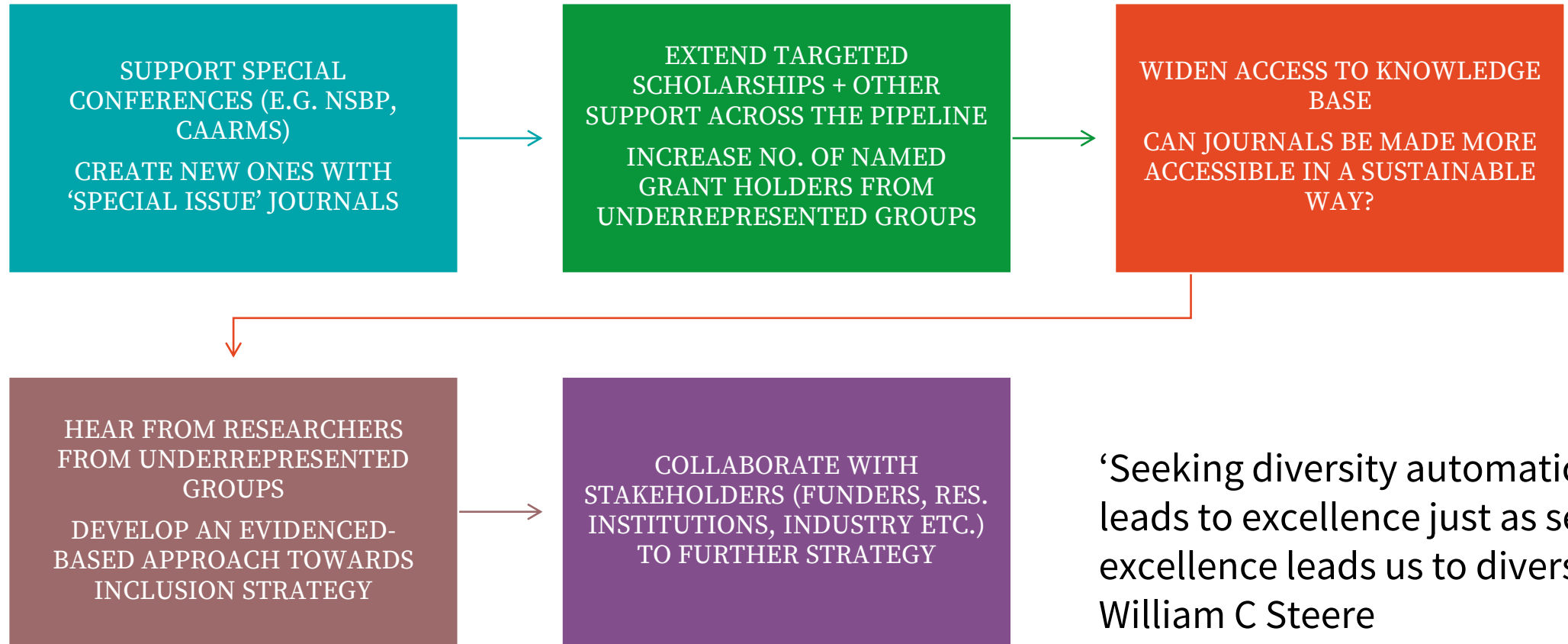
Enterprise

What makes some 'societal issues' more pertinent than others (e.g. COVID-19)?

Same attributes: viewed through an inclusive lens..



Practical Steps Towards Inclusion...



Thank you

