

How can Open Science improve the position of an institution?

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Content

- ❑ Open Science – What is it?
- ❑ Radical Innovation
 - ❑ Deliver on Mission/Strategy
 - ❑ Reveal impact
 - ❑ Engage with Society
 - ❑ Enable good research practice
- ❑ Conclusion



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European Commission: Open Science Policy Platform – 8 pillars of Open Science

Future of Scholarly Communication

EOSC (European Open Science Cloud)

FAIR Data

Skills

Research Integrity

Rewards

Altmetrics

Citizen Science



- ❑ LERU has produced an Open Science Roadmap for universities
- ❑ Launched on 12 June 2018 at <https://www.leru.org/publications/open-science-and-its-role-in-universities-a-roadmap-for-cultural-change>
- ❑ 41 Recommendations



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Delivering on institutional Mission and Strategy

- ❑ 2019 UCL Research Strategy aims to 'foster open and engaged research'
- ❑ With 'policies and developments in open access (most notably, the establishment of UCL Press, the UK's first fully open access university press) and open science'



UCL Student Centre, opened 18/2/19

Valuing your colleagues

- ❑ Insert Open Science principles into career frameworks
- ❑ Develop institutional policies for rewarding Open Science
- ❑ Apply to appointment, promotion, induction and appraisal procedures
 - ❑ UCL has included openness into its new academic promotions framework
 - ❑ <https://www.ucl.ac.uk/human-resources/sites/human-resources/files/ucl-130418.pdf>



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Benefits of an OA University Press

Taking publishing back into the university system - the university supports the entire research life cycle

Challenge the prevailing scholarly publishing model - issue of low dissemination

Support for OA to AHSS outputs, which receive less funding than STEM

Social impact: research available to the public and policy makers

Global impact: outputs reach regions in which research is unavailable or unaffordable

Motivation for academics: they want their research to be widely read

Added reputational value of a university press, through global dissemination, publicity, reviews

Consistent with Open Science agenda

Opportunities for integration of research and learning



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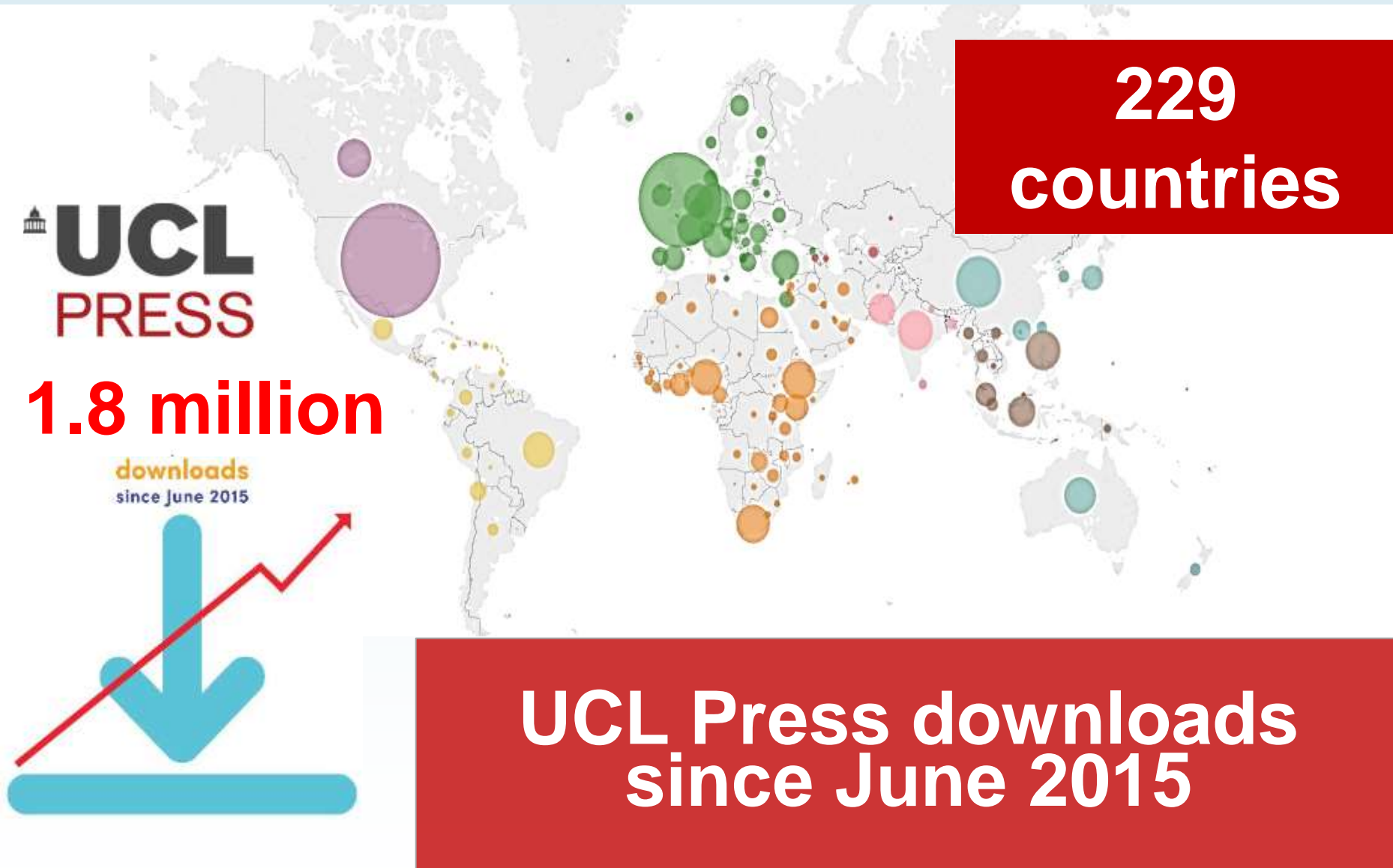
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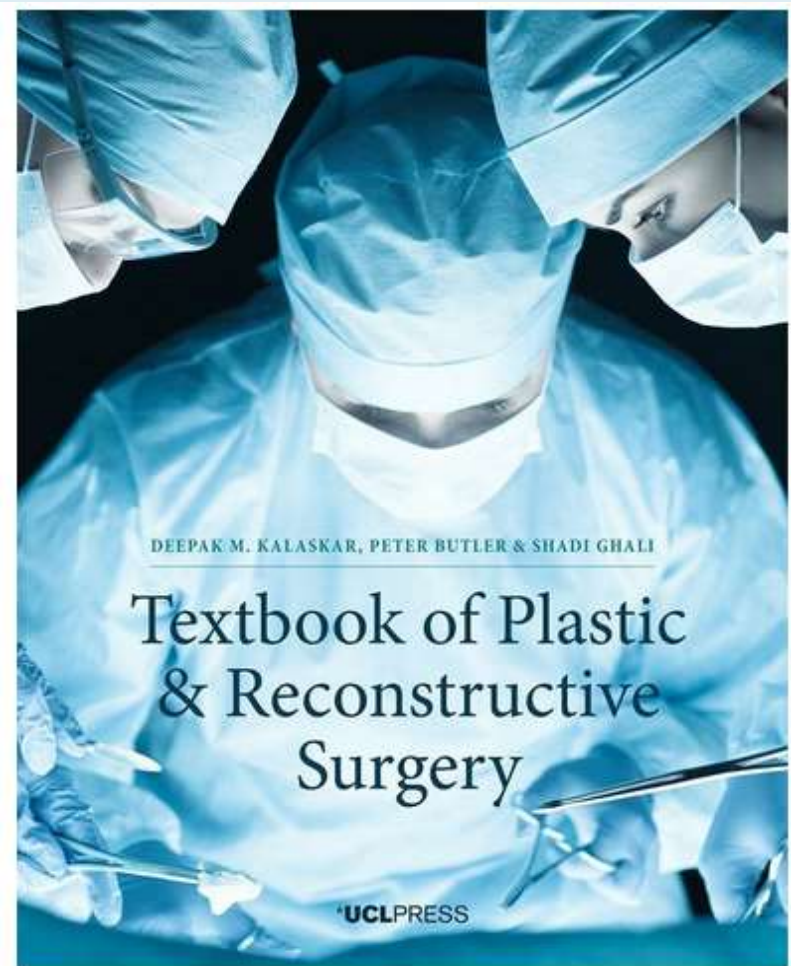
Opportunities for integration of research and learning



Impact



- ❑ Books published by UCL Press and authored by UCL academics are the most-read open access ebooks on JSTOR, an online library which provides access to more than 12 million academic articles and books (Aug18)



Impact



- ❑ *How the World Changed Social Media* authored by UCL Professor of Anthropology Daniel Miller and a collective of eight other esteemed global anthropologists is the most read UCL Press output
- ❑ 298,799 downloads (Feb 18)
- ❑ 544 print sales



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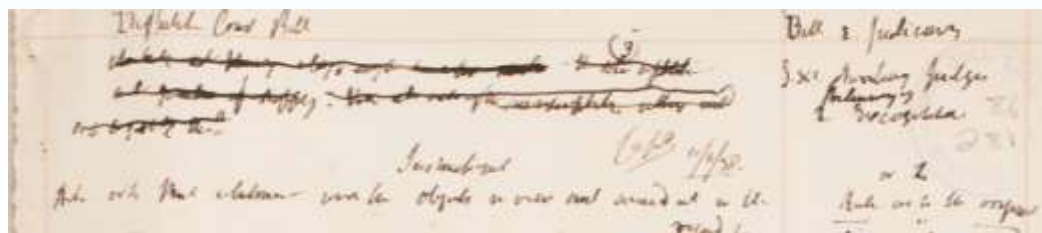
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Citizen Science

- ❑ In an era of 'fake news', universities need to re-assert their importance to and in Society
- ❑ Outreach and Impact are parts of that agenda
- ❑ Citizen Science is a very powerful way of re-defining how Universities make a contribution to Society
- ❑ [Transcribe Bentham](#) project
- ❑ Engages the public in the online transcription of original manuscript papers written by Jeremy Bentham, the 19th century utilitarian thinker
- ❑ Volunteers have transcribed more than 20,000 pages of Bentham's writings at a high level of accuracy



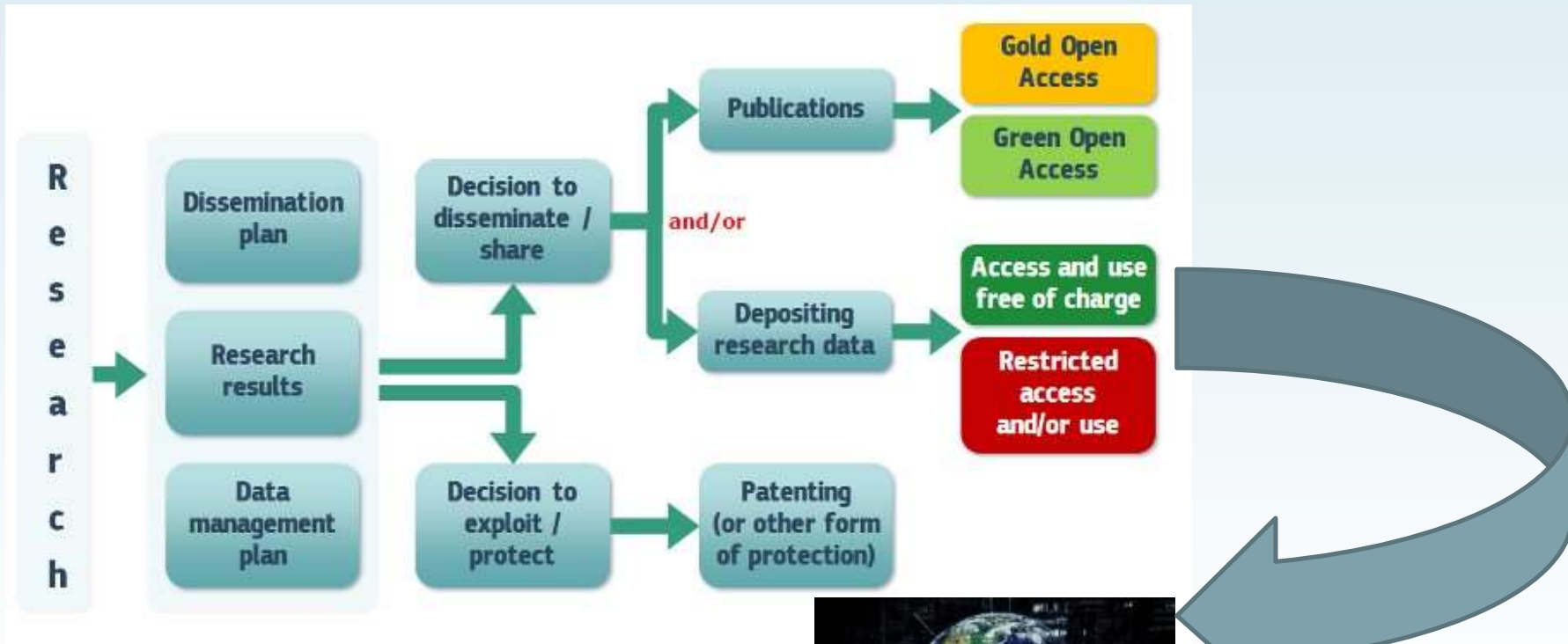
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Research Data – the new currency in research outputs



- ☐ Data is FAIR
 - ☐ Findable
 - ☐ Accessible
 - ☐ Interoperable
 - ☐ Re-usable
- ☐ Data is Open by default
- ☐ Repository will interface with EOSC



- ☐ UCL Research Data repository

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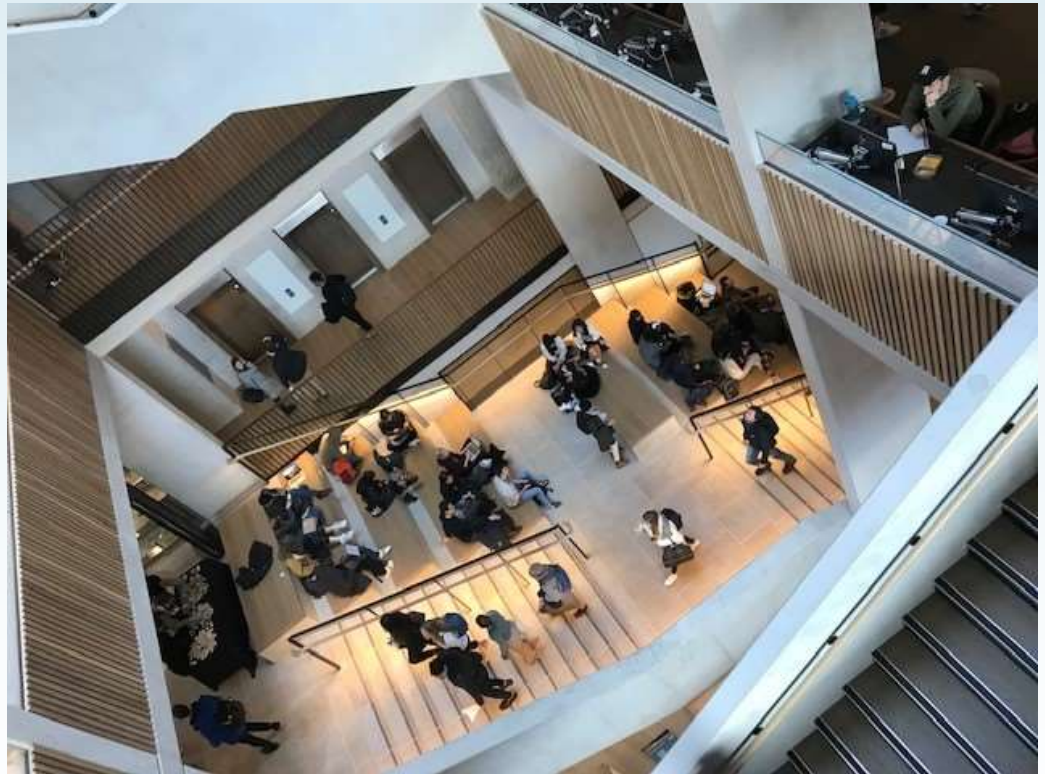
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Conclusion

- ☐ Open Science is good for the researcher / educator / reader
- ☐ It is also good for research
- ☐ Open Science is an opportunity, not a threat



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- ☐ Over to you...