Open Science – a blueprint for the university in the 21st century?

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Content

- Open Science – a view from LERU
- Future of Scholarly Publishing
- DORA and career frameworks
- Next Steps

Plaster Relief by John Flaxman, Flaxman Gallery, UCL
European Commission: Open Science Policy Platform – 8 pillars of Open Science

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<tr>
<th>Future of Scholarly Communication</th>
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<td>EOSC (European Open Science Cloud)</td>
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<td>FAIR Data</td>
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<td>Education &amp; Skills</td>
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<td>Research Integrity</td>
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<td>Next Generation Metrics</td>
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<td>Citizen Science</td>
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UCL Open Science Office

Activities planned in all areas for 2020-21
Bespoke publishing platforms

- Rapid publication
- Innovative open peer review
- Interdisciplinary collaboration
- Reduced administration
- Inclusive publishing
Statistics

Explore download statistics for UCL Press books. For more information on how we collect and record our data, click here.

- Total Access: 4,187,722
- Countries and Territories Reached: 244
- Print unit sales total: 22,639
- Published Titles: 185

Use & Impact

- 4 million+
- 244 countries
UCL Press offers publishing services

- Dublin City University is the first university to buy publishing services from UCL
- All outputs to be branded as Dublin City University Press
- All enquiries welcomed
- [https://www.uclpress.co.uk/](https://www.uclpress.co.uk/)
Megajournal platform, **UCL Open**, launched 31 January 2019

- UCL Open: Environment - [https://ucl-about.scienceopen.com/](https://ucl-about.scienceopen.com/)
- Inter-disciplinary and cross-disciplinary content
- Fast turn-around times being planned
Next-Generation Metrics

- UCL Bibliometrics Policy signed off on 27 Feb. 2020
- 3 years in the development
- Aligned with DORA and Leiden Manifesto
- Discourages the use of Journal Impact Factors as a surrogate for Quality
- Identifies that H-Index discriminates against Early Career Researchers who have taken a family break
Next-Generation Metrics

- Policy identifies 11 principles on the successful use of metrics, with copious guidance
- Numerical metrics are simply an *adjunct* to the academic assessment of a research output through reading it
- China has (Feb. 2020) announced that this is to be its official policy for research evaluation/reward going forward


UCL reactions

‘Fabulous’

‘Sector-leading’
Next-Generation metrics being implemented in UCL HR procedures

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<tr>
<th>No.</th>
<th>HR process / policy</th>
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<tbody>
<tr>
<td>1</td>
<td>Researcher induction</td>
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<td>2</td>
<td>Academic Promotions Policy</td>
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<td>3</td>
<td>Academic appointments to UCL</td>
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<td>4</td>
<td>Alignment of HR reporting on appointments with requirements of Wellcome Trust</td>
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<td>5</td>
<td>Appraisals</td>
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<td>6</td>
<td>Review of HR policies</td>
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Conclusion

- Open Science is a blueprint for the university of the 21st century
- Benefits are obvious
- Challenges are not easy to address
- Universities have to make a choice
- Leadership is essential to effect cultural change

Over to you to decide...
Bibliography of LERU publications