

Research Assessment in the age of Open Science

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Content

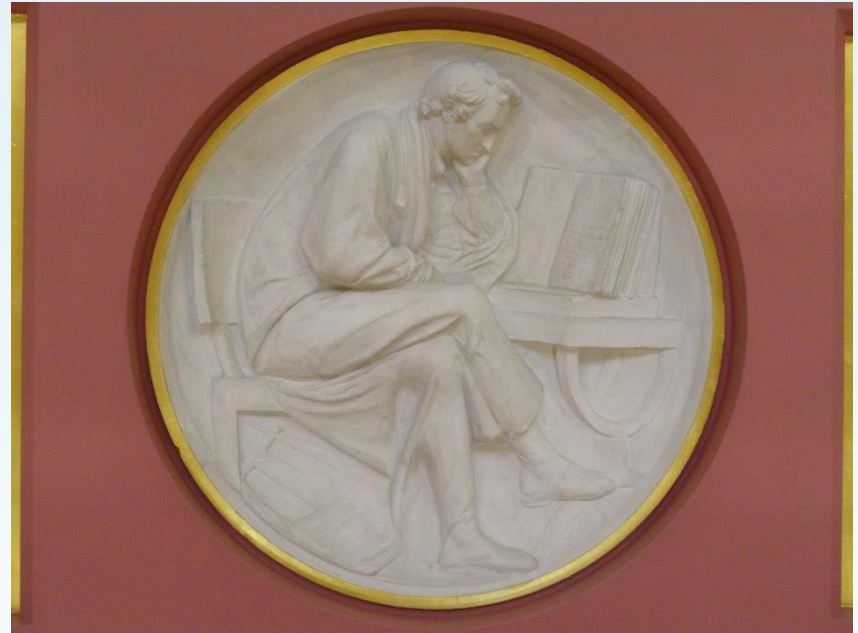
- EUA Report
- DORA & Leiden Manifesto
- UCL Bibliometrics Policy
- Next Steps



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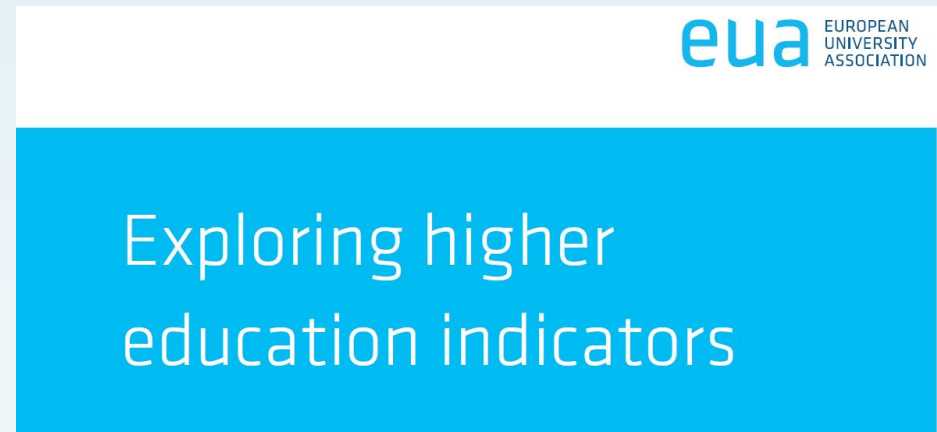
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EUA Indicators Report

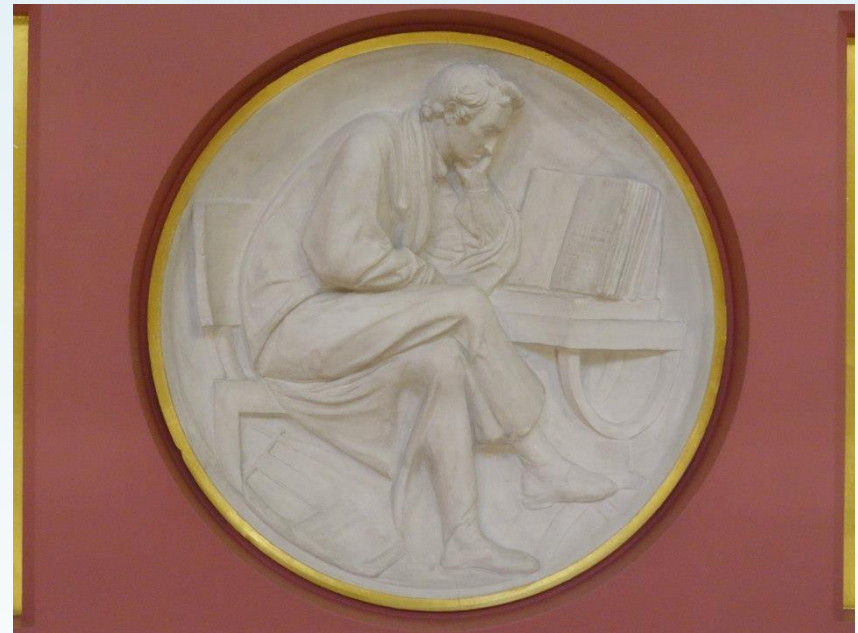
- ❑ There are currently no universally agreed-upon indicators to measure the quality of higher education across systems
- ❑ There is a limit to what indicators can tell. They cannot replace more qualitative or descriptive tools



- ❑ <https://eua.eu/resources/publications/928:exploring-higher-education-indicators.html>

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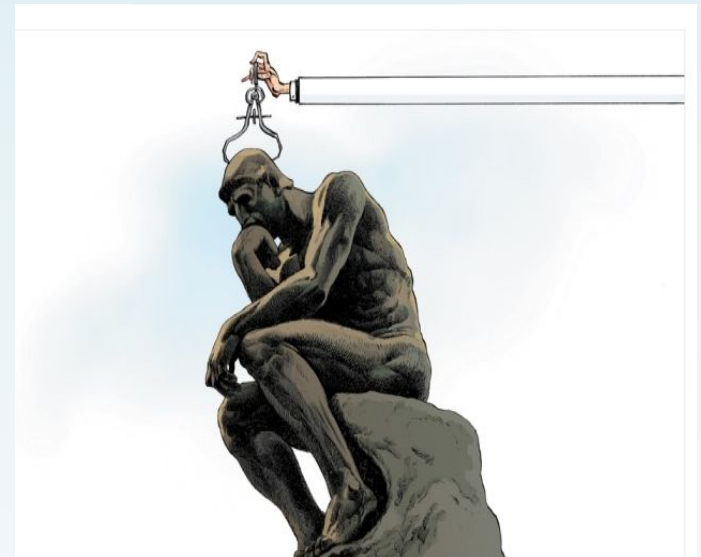
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DORA and the Leiden Manifesto



- ❑ Do not use journal-based metrics, such as Journal Impact Factors, as a surrogate measure of the quality of individual research articles, to assess an individual scientist's contributions, or in hiring, promotion, or funding decisions.

❑ <https://sfdora.org/>



- ❑ Leiden Manifesto
- ❑ 10 principles to guide research evaluation

❑ <http://www.leidenmanifesto.org/>

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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



- ❑ <https://www.ucl.ac.uk/library/research-support/bibliometrics/ucl-bibliometrics-policy>

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
 - ❑ <https://www.universityworldnews.com/post.php?story=20200226122508451>



UCL
reactions



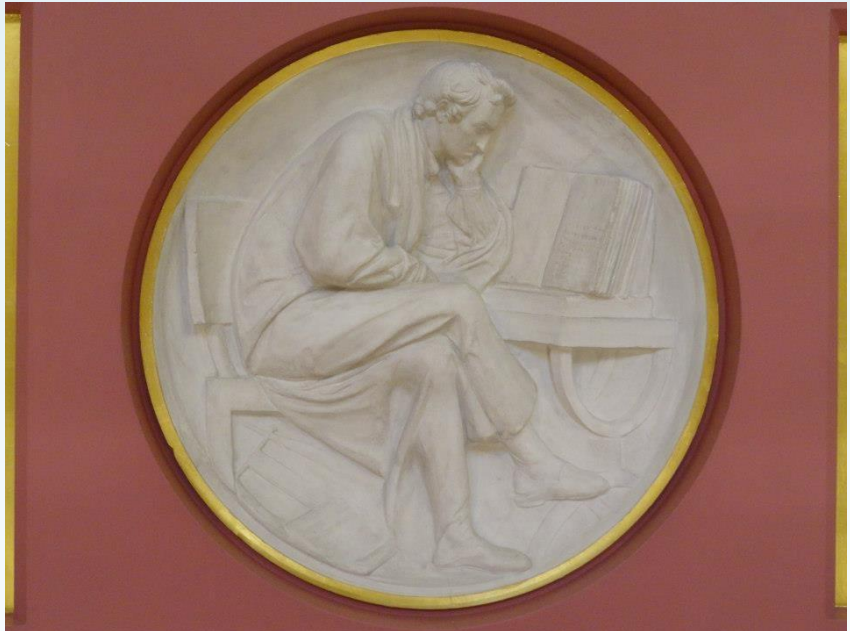
'Fabulous'



'Sector-le
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Next-Generation metrics being implemented in UCL HR procedures

No.	HR process / policy
1	Researcher inductions
2	Academic Promotions Policy
3	Academic appointments to UCL
4	Alignment of HR reporting on appointments with requirements of Wellcome Trust
5	Appraisals
6	Review of HR policies

Conclusion

- Open Science **is** a blueprint for the university of the 21st century
- Challenges are not easy to address
- Not a given that Open Science will be the default way to proceed
- Universities have to make a choice



UCL Student Centre, opened 18/2/19

- Over to you to decide...