

THE VALUE OF VALUES IN THE TRANSITION TO OPEN SCIENCE

A  HuMetricsHSS workshop-in-a-poster

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"If our values don't drive our metrics, our metrics will distort our values"
Christopher P. Long, MSU



HuMetricsHSS supports the development and implementation of new methods for assessing the nature and quality of scholarship. In an era in which metrics increasingly shape how scholarship is undertaken and evaluated, HuMetricsHSS takes an innovative approach that:

- identifies values that enrich practices of scholarship in order to expand the breadth of what counts as a "scholarly contribution".
- orients scholars and institutions toward the values about which they care most deeply
- provide structured ways to intentionally embody those values in the practices by which knowledge is created, shared, and evaluated

HuMetricsHSS hopes to help individuals, departments and academic institutions reshape the culture of higher education so that it is more humane, supportive, and just.

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1 Openness in academia is hindered by established behaviours and "norms", power structures, and an increasingly ubiquitous competition against scarcity of resources

2 Nurturing Openness, along with other values leading to a "fulfilling scholarly life", with a structure of incentives & rewards, is a powerful approach to change such a culture

3 An assessment approach where metrics are used to measure scholars' progress towards embodying values like Openness into their practices will make Open Science "just science"

4 Successful & persistent transition to Open Science can only be achieved through a culture change that requires also reflecting deeply on the values underpinning research

THE HUMETRICSHSS VALUE FRAMEWORK

HUMANITIES VALUES
Nurturing fulfilling scholarly lives

- EQUITY**
Inclusivity | Public Good | Social Justice | Equitable Access | Accessibility
- OPENNESS**
Learning from Failure | Transparency | Open Source | Open Process | Candor | Accountability
- COLLEGIALITY**
Ethical Imagination | Kindness | Generosity | Empathy | Self Care | Respect
- QUALITY**
Replication | Soundness | Pushing Boundaries | Creativity | Originality | Advancing Knowledge | Intentionality | Reproducibility
- COMMUNITY**
Engagement | Network | Holistic | Attunement | Leadership | Preservation

Nicky Agate et al. (2016) "Humanities values infographic" <http://dx.doi.org/10.1171/13766991>



Which values do underpin a successful & persistent transition to Open Science?

How do those value "match" the values driving your research?

How would you approach this topic at your institution?

How would you measure "living up" to the values that drive Open Science?

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