

Biographical Note of the Luminary in an Area of EIS

Shaping New Initiatives Particularly to Promote and Foster Open Research



Liz Allen, Ph.D

Director of Strategic Initiatives, F1000, UK

lallen@wellcome.ac.uk

Currently Director of Strategic Initiatives at F1000, and involved in seeking opportunities and shaping new initiatives particularly to promote and foster open research. I have spent much of my career thus far involved in projects and initiatives that aim to improve the understanding of how science progresses and how knowledge can be used - essentially to accelerate access to and the potential impact of research. In 2015 I became a Visiting Senior Research Fellow in the Policy Institute at King's College London and continue to advice on academic projects that seek to understand research impact.

Prior to joining F1000 in 2015, I spent over a decade as Head of Evaluation at the Wellcome Trust (a major biomedical research funding agency), with a particular specialism in impact assessment and the development of science-related indicators, serving as an adviser on the 2015 UK government commissioned Independent review of the role of research metrics in research assessment <https://www.hefce.ac.uk/rsrch/metrics/>. I understand the vital importance of building a data infrastructure to connect science, scientists and associated research outputs. I was a Board Director of ORCID (www.orcid.org) between 2010-2015 and helped to mandate the adoption of ORCID for all Wellcome grantees. While at Wellcome I also co-led the development of project CRediT (Contributor Roles Taxonomy - <http://www.casrai.org/CRediT>) and continue to serve on the CASRAI CRediT committee.

Her thought on research is well versed and accepted "Technology, and the drive to share research findings and outputs in increasingly open ways, means that both the modes to publish and access research findings (such as online publication platforms, blogs, social media platforms), alongside the range of research outputs and products that are now trackable and re-useable, is expanding. This opens the universe for building 'metrics' that describe the qualities and characteristics of research beyond a focus on research articles (for example to consider databases, datasets, software code, equipment, books/monographs, artistic outputs), to encompass behaviours (such as peer review, speed of publication). This, therefore, presents the opportunity for a more holistic view and understanding of the products and outputs of research. The challenge is to harness this potential to best effect, to use metrics to improve and enhance how we do science while avoiding perverse incentives."