

Transforming Research Programme 2017

Thursday 12 October 2017

9.15-9.30am	Welcome to Transforming Research
9.30-11.15am	<p>Session 1: Assessing Broader Impact and Innovation Across The Disciplines</p> <p>Our understanding of concepts of broader impact and impact innovation is frequently affected by observer bias: this session will open up some innovations for the audience to discuss, and apply to their own areas of expertise. Three expert speakers present three very different perspectives on understanding broader impact and will be exploring some of the nuances that are involved. Concepts such as discipline perspective, topic modeling and the role of certainty and uncertainty in understanding research outcomes will be explored by our three expert speakers.</p> <p>Chair: William Gunn, Mendeley</p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Recent Progress in Research Portfolio Analysis</i> - Dick Klavans, Map of Science • Professor Kiarri N Kershaw, Feinberg School of Medicine
11:15-11:30am	Coffee
11:30-12:30pm	<p>Session 1: Assessing Broader Impact and Innovation Across The Disciplines...</p> <p>Chair: William Gunn, Mendeley</p> <p>Speakers:</p> <p style="text-align: center;"><i>The Types and Roles of Uncertainty in Science: Implications on Research Metrics and Beyond</i> - Professor Chaomei Chen, Drexel University</p>
12.30-1.30pm	Lunch
1.30-5pm	<p>Session 2: Making Metrics Work Better For Decision-Makers</p> <p>Oft-used evaluation metrics such as number of papers published, h-indices, and grant dollars awarded, tell evaluators surprisingly little about the actual quality and impact of an investigator's work or a funded research portfolio. At best, these metrics are rough proxies to actual impact. In this session, funders, research administrators, and department chairs will discuss the challenges of relying solely on traditional metrics, and discuss the evolution of their evaluation strategies to address metric limitations. Panelists will share ways they have tailored or modified traditional metrics, and discuss development or integration of new metrics into their evaluation strategies. Key considerations for the development of new evaluation metrics to provide more timely and context-based indicators of impact, and the challenges to implementing these</p>

	<p>new metrics in practice will be discussed.</p> <p>Chair: Rachel Witsaman, PCORI</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Stacy Konkiel, Altmetric • George M. Santangelo, National Institutes of Health • Kari Wojtanik, Susan G. Komen Foundation
5-6pm	<p>Session 3: Metrics and Precision Medicine – vendors show how their tools are driving this field forwards</p> <p>Vendors from Altmetric, Elsevier (PlumX and SciVal), Clarivate, GrowKudos and UberResearch will make focused presentations on trends in 'precision medicine', and how their tools and metrics can be used to explore the data and understand this fast-changing field.</p> <p>Chair: Anne Stone</p> <ul style="list-style-type: none"> • Vendors: • Altmetric – Sara Rouhi • Clarivate Analytics – Amy Braden • Elsevier/PLUM – Marianne Parkhill • Kudos – Charlie Rapple • UberResearch – Mike Taylor/Aaron Sorenson <p><i>This session will be followed by drinks and networking – all attendees are warmly invited</i></p>

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9.15-9.30 am	<p>Announcements, Framing the Day</p>
9.30-11am	<p>Session 4: Developing and Assessing Broader Research Impacts - Examples from the Community</p> <p>Chair: Professor Kristi Holmes, Northwestern University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Empowering researchers through values-driven evidence</i> by Heather Coates, IUPUI University Library Center for Digital Scholarship • <i>Formalizing an institutional wide Journal Club and Research Seminar Elective</i> by Fatima Barnes, Howard University, and Lynwood McAllister, Howard University Hospital • <i>Altmetric-Citation Disequilibria in Alzheimer-Disease Papers -- Can Such</i>

	<p><i>Discrepancies Be Used to Differentiate between Investigators with Similar Citation-based Statistics?</i> by Aaron Sorensen, Digital Science Consultancy</p> <ul style="list-style-type: none"> • <i>Capturing, Showcasing, and Measuring Research Impact among Biomedical Researchers</i> by Robyn Reed, Sarah Bronson, and Joan Concilio, Penn State College of Medicine • <i>Telling Your Science Story: The Power of Showcasing Qualitative Impact</i> by Patty Smith, Northwestern University • <i>VIVO Dashboard: A Drupal-based application for analyzing publication metadata</i> by Michael Bales and Paul Albert, Weill Cornell Medicine
11-11:15am	Coffee break
11:15am-12:15pm	<p>Session 5: The Map Versus The Territory: Exploring the Relationship between Research and Metrics</p> <p>What do we measure and why do we measure it, and what values cannot be measured? Who constitutes our community, and what are our future research directions? Three leading thinkers will introduce some provoking ideas that will confront those of us involved in research evaluation.</p> <p>Chair: Professor Robert Frodeman</p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Measuring Research Value in Time</i> - Professor Steve Fuller, University of Warwick
12:15-1:15pm	Lunch
1:15-2:15pm	<p>Session 5: The Map Versus The Territory: Exploring the Relationship between Research and Metrics...</p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Transforming Research Metrics</i> - Professor J. Britt Holbrook, New Jersey Institute of Technology • <i>Strangelovian Metrics</i> - Professor Robert Frodeman, University of North Texas
2:15-2:45pm	Conclusions and Closing
2:45-3:30pm	Open planning session for future Transforming Research events (all are welcome)

If you would like more information about this programme please email transformingresearch@bioscientifica.com