



Transforming Research

Brown University, Providence, RI, USA,
3-4 October 2018

Wednesday 3 October 2018

09:00-09:15

Welcome

Jill Pipher (*Vice President for Research and Elisha Benjamin Andrews Professor of Mathematics, Brown University*)

09:15-09:30

Introduction

Transforming Research Program Committee

09:30-10:45

Session 1.1: Careers, Review and Promotion

Chairs: Kristi Holmes (*Associate Professor of Preventive Medicine-Health and Biomedical Informatics, Director of Galter Health Sciences Library and Learning Center, Northwestern University*) and Christopher Moore (*Associate Director, Carney Institute for Brain Science, Brown University*)

Overview: This session will explore the role of community driven evaluation in metrics and how to give people credit to leverage this community.

Experts, Non-Experts and the Making of Science Policy

Keynote Speaker: Cornelia Dean
(*Lecturer and Writer-in-Residence, Brown University*)

Dance like nobody's watching, but version, backup, secure, save in sustainable and open formats, retain on separate local and remote drives, document with machine-readable community standards, appraise, select and deposit in a timely manner in a long-lived, publicly accessible repository, assign identifiers and a copyleft license, cite these in manuscripts, and measure their scholarly and societal impacts, and include their metrics in future grant proposals, CV, and T&P dossier like somebody is...

Andrew Creamer (*Librarian, Brown University*)

Upskilling the promotion and tenure process: Training administrators for responsible use of research impact metrics

Heather Coates (*Digital Scholarship and Data Management Librarian, IUPUI University*)

Discussion



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10:45-11:15

Tea & Coffee

11:15-12:30

Session 1.2: Careers, Review and Promotion

Chairs: Kristi Holmes (*Associate Professor of Preventive Medicine-Health and Biomedical Informatics, Director of Galter Health Sciences Library and Learning Center, Northwestern University*) and Christopher Moore (*Associate Director, Carney Institute for Brain Science, Brown University*)

Overview: This session will explore how to give people credit for the work they do - no matter their role, outputs, activity and how 'early career' researchers are preparing their data and curating their profiles.

Identifying Collaborator Networks in Biomedicine (and How They Relate to the Printing Community in Pre-1800 England)

David Eichmann (*Associate Professor and Director, School of Library and Information Science, University of Iowa*)

Making the Most of Persistent Identifiers in Research Workflows

Alice Meadows (*Director of Community Engagement & Support, ORCID*)

Elevate Researcher Scientific Impact - The Researcher's "Credit Score"

Michael Willey (*Solution Sales Manager, Research Intelligence, Elsevier*)

Discussion

12:30-13:30

Lunch

13:30-15:00

Session 2.1: Structure of Research and Institutions

Chair: Anne Stone (*Senior Manager, TBI Communications Ltd*)

Overview: This session will explore the roles organizations play in advancing research in traditional and innovative ways. We will explore how we can assess this discovery and innovation and breath of impact in ways that are useful to the organizations, and wider research ecosystem, as well as the metrics and gaps in the data.



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Valuing Research and Values in Research: Perspectives from a University Research Office

Jill Pipher (*Vice President for Research and Elisha Benjamin Andrews Professor of Mathematics, Brown University*)

Persistent Identifiers: Community Driven Practices Create Efficiency

Howard Ratner (*Executive Director of CHORUS*) and Patricia Feeney (*Head of Metadata, Crossref*)

What does Highly Cited Even Mean? When Numbers Support Stories

Mike Taylor (*Head of Metrics Development, Digital Science*)

The development of a scientific field: A few in-depth examples

Chaomei Chen (*Professor of Information Science, Drexel University*)

Discussion

15:00-15:30

Tea & Coffee

15:30-17:00

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How Professional Associations Advance Research

Catherine Roberts (*Executive Director, American Mathematical Society*)

How are corporate R&D units like research institutions? Observations from the history of the Institute for Scientific Information (ISI)

Joshua Schnell (*Director, Clarivate Analytics*)

Librarian Integration in a Working Group of the REDCap International Consortium

Fatima Mncube-Barnes (*Library Director, Howard University*)



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Health Sciences Libraries and the Research Lifecycle

Bart Ragon (*Associate Director for Knowledge Integration, Claude Moore Health Sciences Library*)

Discussion and Summary of the day

17:15-18:45

Drinks and Networking (*hosted locally*)

Thursday 4 October 2018

09:00-09:15

Framing the Day

Transforming Research Program Committee

09:15-10:30

Session 3.1: Research Policy and Strategy

Chairs: Mike Taylor (*Head of Metrics Development, Digital Science*)
and John Armstrong (*Co-founder and CEO, The Discovery Engine, Brown University*)

Overview: This session will explore how public, economic, and administrative policy can affect net societal benefit of research. What policy considerations and best practices drive optimal results?

A metric for me, a metric for you, a metric for everyone: Measuring research impact

Keynote Speaker: Neil Sarkar

(*Associate Professor of Medical Science; Associate Professor of Health Services, Policy and Practice; and Director of the Center for Biomedical Informatics, Brown University*)

Tools for assessing impact and potential new investments

Barb Brownlee (*attending in a personal capacity*)

(*Senior Policy Advisor, Ontario Ministry of Research and Innovation*)

Building scholarly impact: Promoting research at Brown through a week-long, online challenge

Erin Anthony (*Public Health and Research Support Librarian, Brown University*)

Discussion



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Session 3.2: Research Policy and Strategy

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Overview: What information does a funder need that they can't currently get? The effect of governmental evaluation and policy at the very highest level.

Promoting Citizen Science

Anne Bowser (*Director of Innovation and Innovation Specialist, Science and Technology Innovation Program, Wilson Center*)

Understanding & Enabling Impact in the Community

Kristi Holmes (*Associate Professor of Preventive Medicine-Health and Biomedical Informatics, Director of Galter Health Sciences Library and Learning Center, Northwestern University*)

Discussion

12:00-13:00

Lunch

13:00-14:45

Session 4: Metrics, Evaluation and Behaviour

Chair: Anne Seymour (*Director of the Welsh Medical Library, Johns Hopkins University*)

Overview: When do metrics reflect research and when do they become the goal of research? Can the creative arts evaluation be fair, or do they have to learn to play the game? What workflows and methodologies can everyone agree upon?

Evaluation and the Creative Arts

Helen Marshall (*Senior Lecturer in Writing and Publishing & Director of the Centre for Science Fiction and Fantasy, Anglia Ruskin University*)

HuMetricsHSS: A Values-Based Approach to Transforming the Academy

Nicky Agate (*HuMetrics; Assistant Director, Scholarly Communication and Projects, Columbia University Libraries*)



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The Role of a Health Sciences Library in Measuring Research Impact

Arian Abdulla (*Biomedical Science Librarian, University of Virginia*)

Promoting good practice, overcoming resistance

Panel Discussion:

Nora S. Dimmock (*Deputy University Librarian, Brown University*)

Bart Ragon (*Associate Director, Claude Moore Health Sciences Library*)

Erika Sevetson (*Head of Health and Science Information Services,
Brown University*)

Barbara Kern (*Director, Science Libraries Division, University of
Chicago*)

14:45-15:00

Close of Conference