Research Metrics

Wednesday, June 17th, 2015, 2:00 – 3:00pm ET
Society of Research Administrators International
www.srainternational.org

Presenter

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The University of British Columbia
Immediate Past President of Canadian Association of
Research Administrators (CARA)

Learning Objectives

Why Research Metrics?

- Evidence to Assist in Strategic Planning
- Understanding Competitiveness on peer, national, international Levels
- Identification of Core Research Strengths
- Measuring Research Performance at the PI, Dept, Faculty, Institutional Level
- Understanding Collaborations Present and Potential
- Identifying Strategic Hires
- Measuring Impact (Citation, Downloads/Usage, Social Media)
Research Metrics

Research Impact Key Performance Indicators (KPIs) Scorecards

- Snowball Metrics (UK) - http://www.snowballmetrics.com/
- Research Excellence Framework (UK) http://www.ref.ac.uk/
- Excellence in Research for Australia (ERA) http://www.arc.gov.au/era/

Global University Rankings

- In the THES top 20, 12 are American private universities, 6 are Ivy League Oxford and Cambridge are top 10
- The only public universities in the top 20 are Berkeley (#*), Imperial College (#10), UCLA (312), ETH Zurich (#13), Michigan (#18), Toronto #20
- In Canada, the only universities in the top 100: Toronto (#20 THES, #24 ARWU), UBC (#11 THES, #37 ARWU), McGill (#35 THES, #67 ARWU), McMaster #92 THES, #90 ARWU)
SCIMAGO – Top 5 Comparisons – High Quality Publications

Ratio of publications that an institution publishes in the most influential scholarly journals of the world, those ranked in the first quartile (25%) in their categories as ordered by SCIMAGO Journal Rank.
### Author Ranking – Biochemistry & Molecular Biology

#### Authors 3 to 10 of 25

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Subject: Biochemistry & Molecular Biology

This Webinar is being recorded.

AUTHOR COLLABORATION NETWORK

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PlumX at a Glance

**Metrics Tracked**
- Metrics from 5 different categories: usage, captures, social media, mentions & citations
- Usage and citations help provide full research impact
- Usage data from EBSCO, representing worldwide use across millions of users and thousands of organizations

**Identifier matching**
- Flexible ability to use multiple scholarly identifiers for tracking artifacts
- Can use DOI, ar-ID, e.g. policy docs or blogs

**Admin & Enterprise Features**
- Designed from the beginning as an enterprise-level product
- Admin tools for supporting ongoing data maintenance
- Local customization

**Artifact types**
- Ability to track virtually any artifact type, including books, book chapters, data sets, etc.
- Enables full picture of modern research ecosystem

**Widgets**
- Embed metrics into your repository, journals, or websites at the group, artifact or researcher levels

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**Beyond the Journal Article**

- Articles
- Blog posts
- Book chapters
- Books
- Cases
- Clinical Trials
- Conference Papers
- Data Sets
- Figures
- Grants
- Interviews
- Letters
- Media
- Patents
- Posters
- Presentations
- Reports
- Source Code
- Theses / Dissertations
- Videos
- Web Pages

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**PLUMX Metrics Categories**

- **Usage**
  - Library visits, online, library fulfills, video plays
- **Captures**
  - Bookmarks, save links, notes, highlights, wrapping
- **Mentions**
  - Blog posts, comments, reviews, Venafro site
- **Social Media**
  - @'s, likes, shares, mentions
- **Citations**
  - PubMed Central, Scopus, Web of Science, online
Demographics Tab
Demographic data is about providing CONTEXT.
Who is reading your work?
Where are they?
What stage of their career are they in?

Mendeley readership is about scholarly use and is NOT calculated in the Altmetric score.

Altmetrics - Traditional metrics lag behind...

The evolution of cichlid fish egg spots is linked to a co-regulatory change
K. Sandra Sombra, Inga Klarer, Jana Blecken, Brita E. Mayer, Luisa Seibel, Anette Kleine, Holger Giebelberg, Markus Affolter & Marco Benecke

Total citations

Online attention

The cichlid egg spots: how evolution creates new characteristics (2018-07-03 02:00):

The Altmetrics score means that the article is:
- In the top 1% of the most downloaded articles of a similar age and subject
- In the top 1% of the most tweeted articles of a similar age and subject
Telling a story: What can the data tell you?

- What type of attention is this research receiving?
- Where has this article received the most traction?
- Which countries are engaging most with the content?
- Has this article influenced policy, spurred new research, or engaged a new audience?
- Are reactions to this article positive or negative?

Altmetric for Institutions

Altmetric Explorer

Lilliput University

All mentioned articles from Lilliput University

Your Institution's Impact at a glance...
Thank you!

Presentation:
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