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Research Impact While You Eat

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What's a research impact librarian?

I empower scholars to create the conditions under which they can establish:

- A strong public identity
- An account of their contributions to the scholarly enterprise
- A persuasive body of evidence for the impact of their work

Find me in my office in Hatcher 260A, or email me at rwelzenb@umich.edu

For today:

- What does research impact mean for you & for your work?
- Charting a path for yourself
- What resources and support are available to learn more?

What does "research impact" mean to you?

What terms, words, associations, or emotions does "research impact" bring up?

No single definition!

"The measurement of research impact is a contested research and political agenda that poses a complex academic question."

(Alla et al. "How do we define the policy impact of public health research? A systematic review" *Health Science Policy and Systems,* 2017)

No single definition!

- Scholarly impact (e.g., citations)
- Social, public, economic, clinical impact
- Policy impact
- ....etc.!

When do you think about "research impact"?

Not something that happens to you, but a story you create.

SCOPE

A process for evaluating responsibly.

([Himanen and Gadd, December 2019](#))

SCOPE: Start with what you value

- Before you can decide how to measure, you must decide what you care to know

- Why is your work important? What difference does it make, and how would you know you'd succeeded?

- Do not start from whatever data is most readily available

- Do not start from what others value and want to measure--(or if you have no choice, at least don't **stop** there!)

SCOPE: Start with what you value

Example: the Becker Model for Assessing the Impact of Research:

- Advancement of Knowledge

- Clinical Implementation

- Community Benefit

- Legislation & Policy

- Economic Benefit

SCOPE: Start with what you value

Example: HuMetricsHSS:

- Equity

- Openness

- Collegiality

- Quality

- Community

SCOPE: Context considerations

- What entity are you measuring? (researcher, article, institution, department, country?)
- What is the purpose of the measurement? (to persuade, inform, compare, show off, etc.)
- What is the metric serving as a proxy for?

SCOPE: Context Considerations

	Understand	Show off	Monitor	Compare	Incentivise	Reward
Individual	🟨	🟨	🟥	🟥	🟥	🟥
Group	🟨	🟨	🟨	🟥	🟥	🟥
HEI	🟩	🟩	🟨	🟥	🟥	🟥
Country	🟩	🟩	🟩	🟨	🟨	🟥

Figure 1. Risks associated with metric use in various settings

🟩	Low risk
🟨	Medium risk
🟥	High risk

https://thebibliomagician.wordpress.com/2019/05/15/the-blind-and-the-elephant-bringing-clarity-to-our-conversations-about-responsible-metrics/
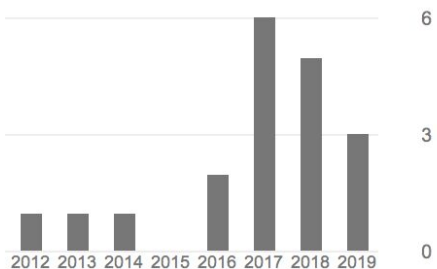
SCOPE: Options for measuring

- Quantitative vs. Qualitative?

- Traditional vs. "Alternative" metrics

- How many indicators?

- Resources:

  - The Metrics Toolkit

  - Snowball Metrics

  - Elsevier LibraryConnect Quick Reference Cards for Research Impact Metrics

  - How to use Altmetrics to showcase engagement for Tenure & Promotion

SCOPE: Options for measuring

Cited by

	All	Since 2015
Citations	20	16
h-index	3	3
i10-index	0	0

2012 2013 2014 2015 2016 2017 2018 2019

Altmetric Details Page

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- **6** policy sources
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- **1** Wikipedia page

Citations
- **2895** Dimensions

Readers on
- **1762** Mendeley
- **5** CiteULike

Tools

Using Photovoice to examine physical activity in the urban context and generate policy recommendations: the Heart Healthy Hoods study
Cited by Analysis & Policy Observatory (APO) on **01 Mar 2019**
Analysis & Policy Observatory (APO) is a research database and alert service providing free access to full-text research reports and papers, statistics and other resources essential for public policy development and implementation in Australia and New Zealand.

Participatory Action Research for Advancing Youth-Led Peacebuilding in Kenya
Cited by The United States Institute of Peace on **11 Oct 2018**
The United States Institute of Peace is an independent national institute, founded by Congress and dedicated to the proposition that a world without violent conflict is possible, practical, and essential for U.S. and global security.

Best practices for community-engaged participatory research with Pacific Islander communities in the USA and USAPI: protocol for a scoping review
Cited by Analysis & Policy Observatory (APO) on **08 Dec 2017**
Analysis & Policy Observatory (APO) is a research database and alert service providing free access to full-text research reports and papers, statistics and other resources essential for public policy development and implementation in Australia and New Zealand.

ICV guidelines for Muslim community-university research partnerships
Cited by Analysis & Policy Observatory (APO) on **20 Sep 2017**
Analysis & Policy Observatory (APO) is a research database and alert service providing free access to full-text research reports and papers, statistics and other resources essential for public policy development and implementation in Australia and New Zealand.

Community engagement: improving health and wellbeing and reducing health inequalities: Evidence review 1 Ginny Brunton
Cited by National Institute for Health and Care Excellence on **15 Jan 2016**

Community engagement: improving health and wellbeing and reducing health inequalities: Evidence review 3 Gillian Stokes
Cited by National Institute for Health and Care Excellence on **15 Jan 2016**

SCOPE: Probe deeply

- Who does this discriminate against?

- How might this be gamed?

- What might the unintended consequences be?

- Does the cost of measuring outweigh the benefit?

- Does measuring research make the research any better?

SCOPE: Evaluate your evaluation

- Consistent with best practices for responsible use of metrics?

- Does this still serve the purpose?

- Have additional options emerged?

- Is this working? How could it work better?

That seems like a lot to think about while I am eating.

I agree. Let's digest and talk more later.

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Come by our table after lunch!

Find me in my office in Hatcher 260A, or email me at rwelzenb@umich.edu

Additional resources

Research Guides:

- [Research Impact Assessment (Health Sciences)](#)
- [Research Impact Challenge Guide](#)

Programming:

- 2020 Research Impact Challenge ([Sign up now!](#))
- Workshops during Enriching Scholarship (May 4-7)
- Consultations and instruction upon request!

Thanks! And see you in the library.