



UNIVERSITY OF CALGARY
O'Brien Institute for Public Health

Optimizing the presentation of your research metrics

William Ghali – Scientific Director

Panel – Lynn McIntyre, Christine Friedenreich,
Braden Manns, Cheryl Barnabe



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The grant funding game:

Strategies that might help your funding applications

William Ghali

Scientific Director

(with the Returning Panel)

The IPH Grant Strategy Series

- Introductory session
- Revision & resubmission
- Grant budgets
- Knowledge Translation
- Peer review: do it! (well...)
- Programmatic grants
- The “Beautiful Grant”
- The long game (career planning)
- And today...





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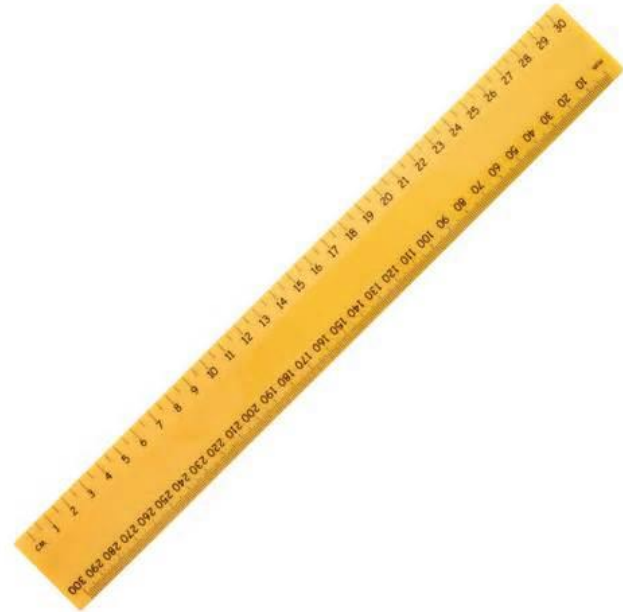
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Personal research metrics:

For what initiatives?

- Career awards
- Team grants
- Foundation scheme



Career Award Applications

- Pursue them when you can
- Solidify your position
- CIHR (New Investigator and some Chairs)
- Canada Research Chairs
- Disease Foundations
- New Investigators within team grants
- Some other opportunities



Team Grants

- Various agencies:
 - AI-HS
 - CIHR (including SPOR)
 - Foundations
- Metrics on individuals
- Metrics on the team
- Proving that the whole is greater than the parts



CIHR Foundation Scheme

- CIHR's new funding model
- Our IPR team learning +++
- Anxiety for many +++



CIHR Foundation Scheme

- CIHR's new funding model
- Our IPR team learning +++
- Anxiety for many +++
- Great opportunity...for some
- About **YOU** & your projects
- Leadership criteria (key factor)
- Training and partnerships
- New investigator stream



‘Metrics’?

‘Metrics’?

- The Greek word *metron*, meaning “measure,” gives us the root **metr**.
- A *thermometer* is an instrument that measures temperature.
- A *diameter* is the measurement across the center of a circle.
- The **metric** system is a system used for measuring size, weight, and volume.

(Merriam-Webster)



'Metrics'?

- Performance metrics measure an (organization's) activities and performance.
- Metrics may focus on the performance against customer requirements and value.



WIKIPEDIA
The Free Encyclopedia

Research Impact Assessment

- An emerging scientific discipline
- Dr. Kathryn Graham
- Significant interest at:
 - AI-HS
 - CAHS
 - CIHR
- Essential for organizations
- Essential for individuals



Barcelona, 15-19 September 2013

The International School
on Research Impact Assessment

"Learning to assess research with
the aim to optimise returns"



Doha, Qatar

The International School
on Research Impact Assessment

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O'Brien Institute RIA

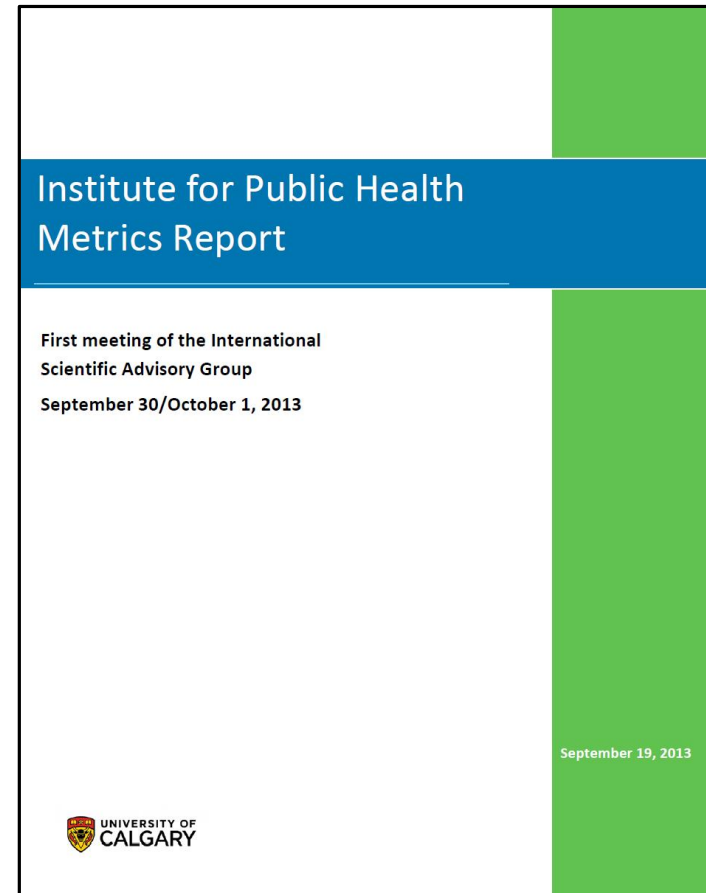
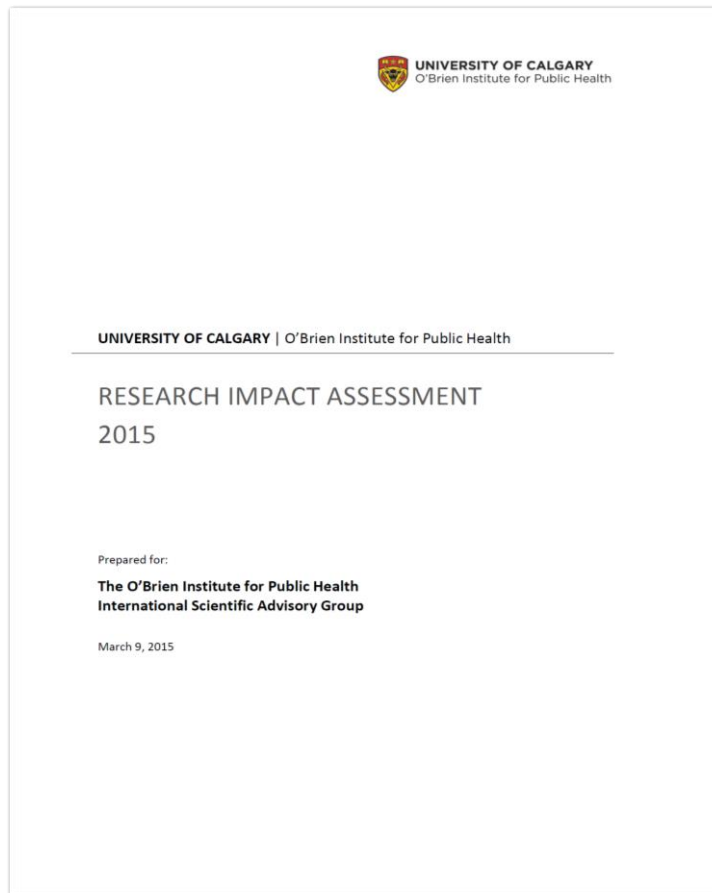


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The traditional metrics

- Publications
 - Numbers of papers
 - Journals in which published
 - Bibliometrics
 - # of citations
 - H-index
 - i10-index
 - Others?
 - Discipline-specific caveats
- Invited presentations?
 - Notable ones? (e.g. plenary)



The traditional metrics

- Grants
 - Total dollars as PI, coPI
 - Agencies
 - Types of grants
 - International grants?
 - NIH?
 - EU?
 - Roles when not PI?
- Contracts?
- Operational dollars?



Knowledge generation

- News media appearances
- Public engagement
 - E.g., Scientific Cafés
- Partnership with agencies
- Partnership with decision-makers
- Stories of impact
- Influence on policy



Trainees

- Describe in depth:
 - Numbers
 - Types
 - Their funding success
 - Their publications
 - Their awards
 - Their career landings
- Convey enthusiasm*
- Convey generosity*



Pitfalls

- Accuracy in details
- Don't embellish
- But also don't undersell
- Balance across categories
- Need a narrative:
 - Don't just list things
 - Personal journey
 - Passion
- Optics of plausibility
- Stage appropriateness





Best of the
Best



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