

PUBLIC SCIENCE COMMUNICATION AS PART OF THE RESPONSIBLE CONDUCT OF RESEARCH

– an example from Finland

Responsible science communication

– some challenges and (three possible) solutions



Challenge: Sharing your research Within Scientific Community

Challenge: Sharing your research Beyond Academia

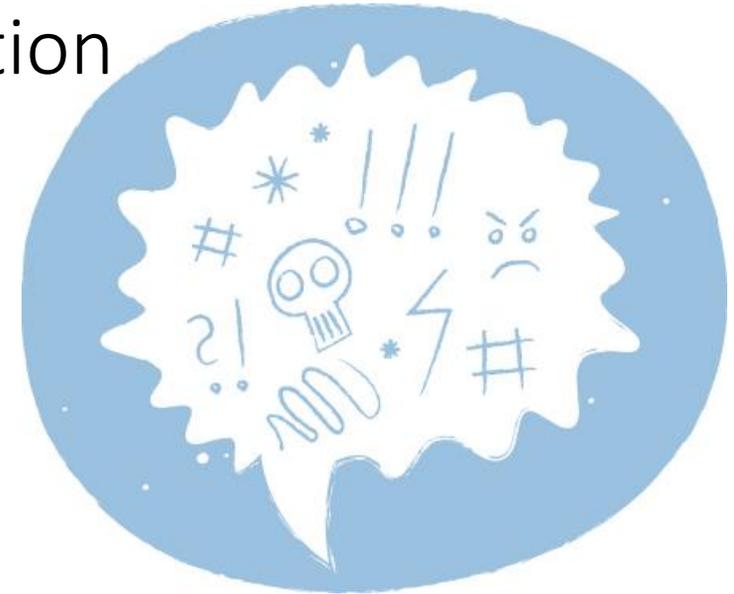
Challenge: Where is all the information?

Sharing your research Within Scientific Community:

Challenge: authorship issues

- Massive increase in co-authorship
- false expectations
- unclear arrangements & poor communication
→ Authorship disputes

The three G's: guests, ghosts and gifts



Recommendations for authorship in scientific publishing

Solution: to prevent future disputes on authorship, TENK is preparing a recommendation

- The aim is to guide research projects on agreeing on principles of authorship as early as possible.

....will be published in fall 2017

Sharing your research **Beyond Academia**

- “Everyone has the right freely to participate in the cultural life of the community, to enjoy the arts and to **share in scientific advancement and its benefits**” the Universal Declaration of Human Rights, Article 27
- “Researchers should ensure that their research activities are made known to society at large in such a way that they can be understood by non-specialists, thereby improving the public’s understanding of science.” European Charter for Researchers and on a Code of Conduct for the Recruitment of Researchers, 2005
- “Authors are[...] **honest in their communication to the general public and in traditional and social media.**” The European Code of Conduct for Research Integrity, Revised edition 2017

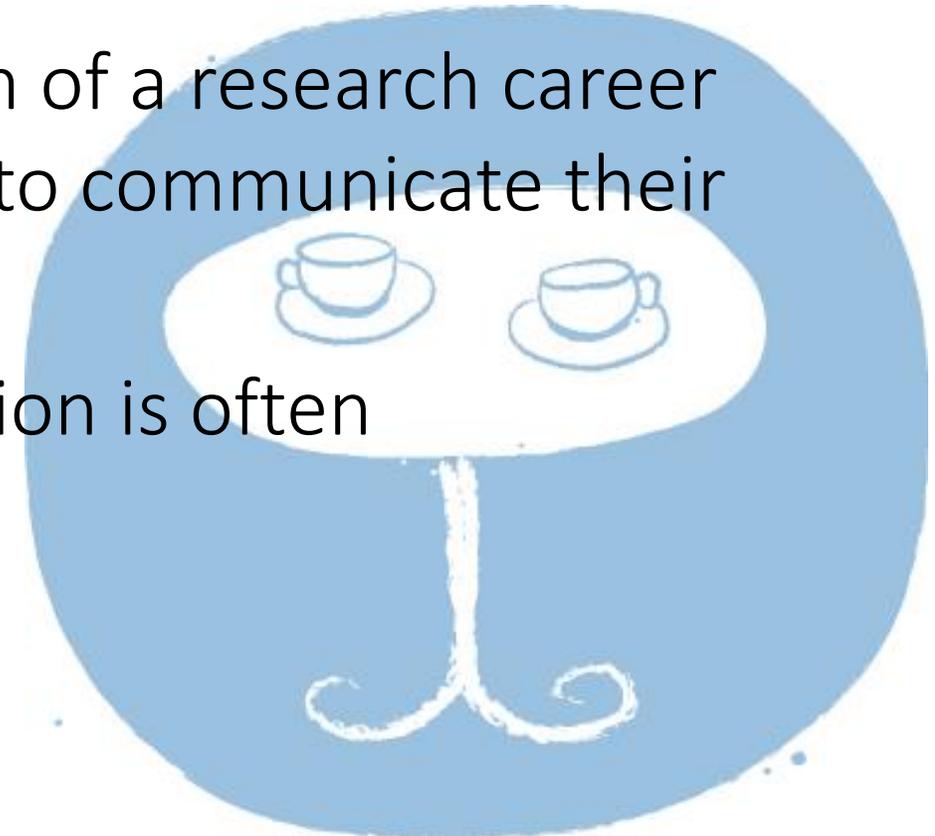


Sharing your research Beyond Academia

Challenge: Motivation

The current review and crediting system of a research career do not support researchers sufficiently to communicate their results beyond academia.

→ **finding time** for science communication is often troublesome



Sharing your research Beyond Academia

Challenge: Motivation

- Should public engagement be assessed and credited more strongly?
- How this should be done? Do we need social-web-based metrics?



Sharing your research Beyond Academia

Challenge: Inappropriate feedback

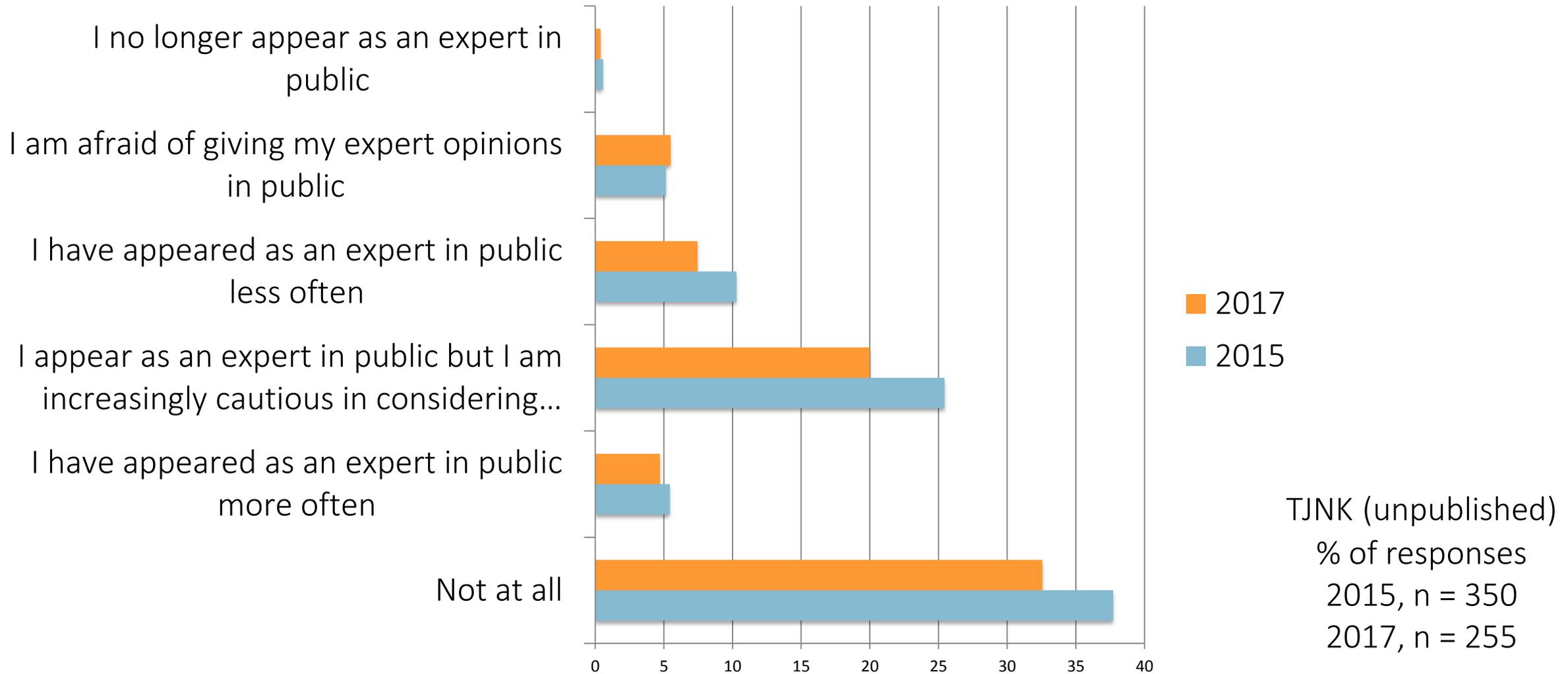
“The dark side of the openness”

- even hate speech
- nb! neutral or positive feed back prevails!



Online survey on feedback experienced by researchers in expert roles (2015, 2017)

If you have received inappropriate feedback yourself, how has it affected your public activities as an expert?



Sharing your research Beyond Academia

Solution: to diminish the impact of hate speech collaboration with Finnish PEN

- to promote freedom of expression
- to mitigate self-censorship



Communicate boldly, influence responsibly

Solution: Recommendations on science communication

1. Communicate boldly
2. Enable science communication
3. Illuminate the scientific process
4. Influence responsibly
5. Knowledge culture builds society
6. Science belongs to everybody

... will be published in fall 2017

Responsible science communication

– some challenges and (three possible) solutions



Recommendations for authorship in scientific publishing

Recommendations for science communication
Collaboration with Finnish PEN

Open webpage for research ethics, integrity and science communication

Responsible Research

YOUR GUIDE TO RESEARCH INTEGRITY AND SCIENCE COMMUNICATION

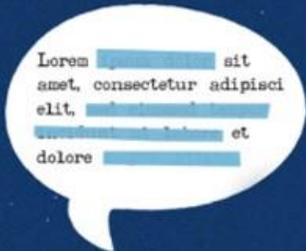
Planning

Conducting

Sharing research results

Reuse

Further Materials



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Lorem Ipsum

Tässä artikkelissa käsitellään vastuullista kansalaistiedettä kahdesta näkökulmasta: ensiksi pohditaan, miten kansalaistieteen periaatteiden mukaan...

Lorem Ipsum

Tässä artikkelissa käsitellään vastuullista kansalaistiedettä kahdesta näkökulmasta: ensiksi pohditaan, miten kansalaistieteen periaatteiden mukaan...

Thank you!

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