

Welcome

Session 4: Navigating academic and research training



Communicating our findings

- Communicating scientific findings is important
- Many ways of communicating e.g. blogs, podcasts, videos, infographics
- One way is through a peer-reviewed journal article
 - Taken as index for many promotions & jobs in academia
 - The process of peer-review is (theoretically) supposed to be very rigorous

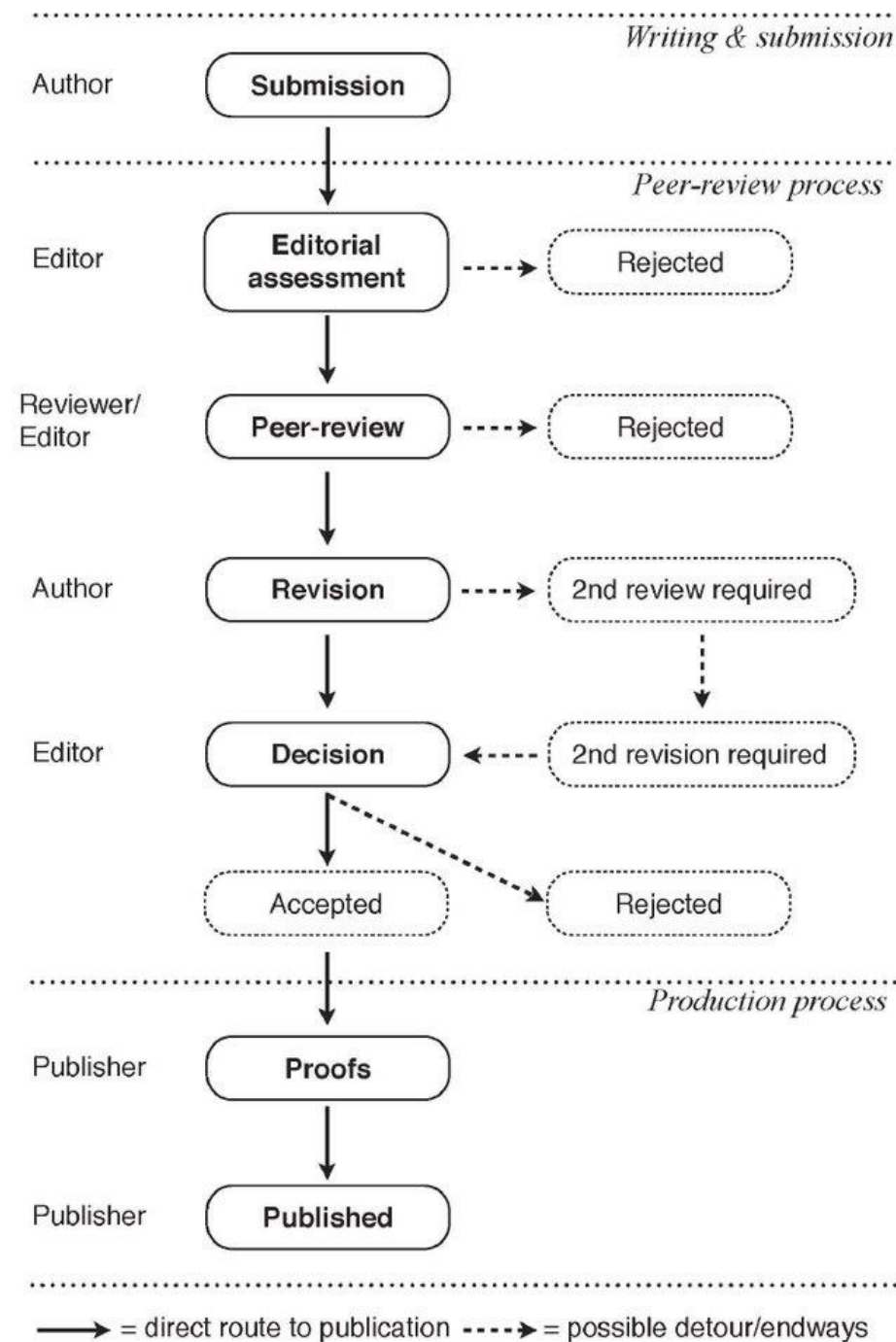


Figure from Tress et al. 2014

Journal publication considerations

- Open Access vs subscription journals:
<https://www.jisc.ac.uk/open-policy-finder>
 - Usually have to pay an article processing charge for open access which is reduced or waived for authors from low & middle income countries
- Predatory journals: <https://beallslist.net/>
 - Accepting articles with little or no peer-review
 - Hiding information about Article Processing Charges
 - Misrepresenting members of the journal's editorial board
 - Other violations of copyright or scholarly ethics

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Who's Afraid of Peer Review?

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TORTURED PHRASES FOUND IN COMPUTER-SCIENCE PAPERS

Scientific term	Tortured phrase
Big data	Colossal information
Artificial intelligence	Counterfeit consciousness
Deep neural network	Profound neural organization
Remaining energy	Leftover vitality
Cloud computing	Haze figuring
Signal to noise	Flag to commotion
Random value	Irregular esteem

“Bosom peril” is not “breast cancer”: How weird computer-generated phrases help researchers find scientific publishing fraud

By Guillaume Cabanac, Cyril Labbé, Alexander Magazinov | January 13, 2022



Guillaume Cabanac

Guillaume Cabanac is an Associate Professor of Computer Science at the University of Toulouse, France. He holds a PhD (2008) and a habilitation... [Read More](#)



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Non-academic writing

- Medium
- Psychology Today
- The Conversation

THE CONVERSATION

Pitch an article idea

Thanks for your interest in pitching an idea to The Conversation. This page briefly explains our editorial priorities and shows you what makes a good pitch. You can then submit a pitch via the links.

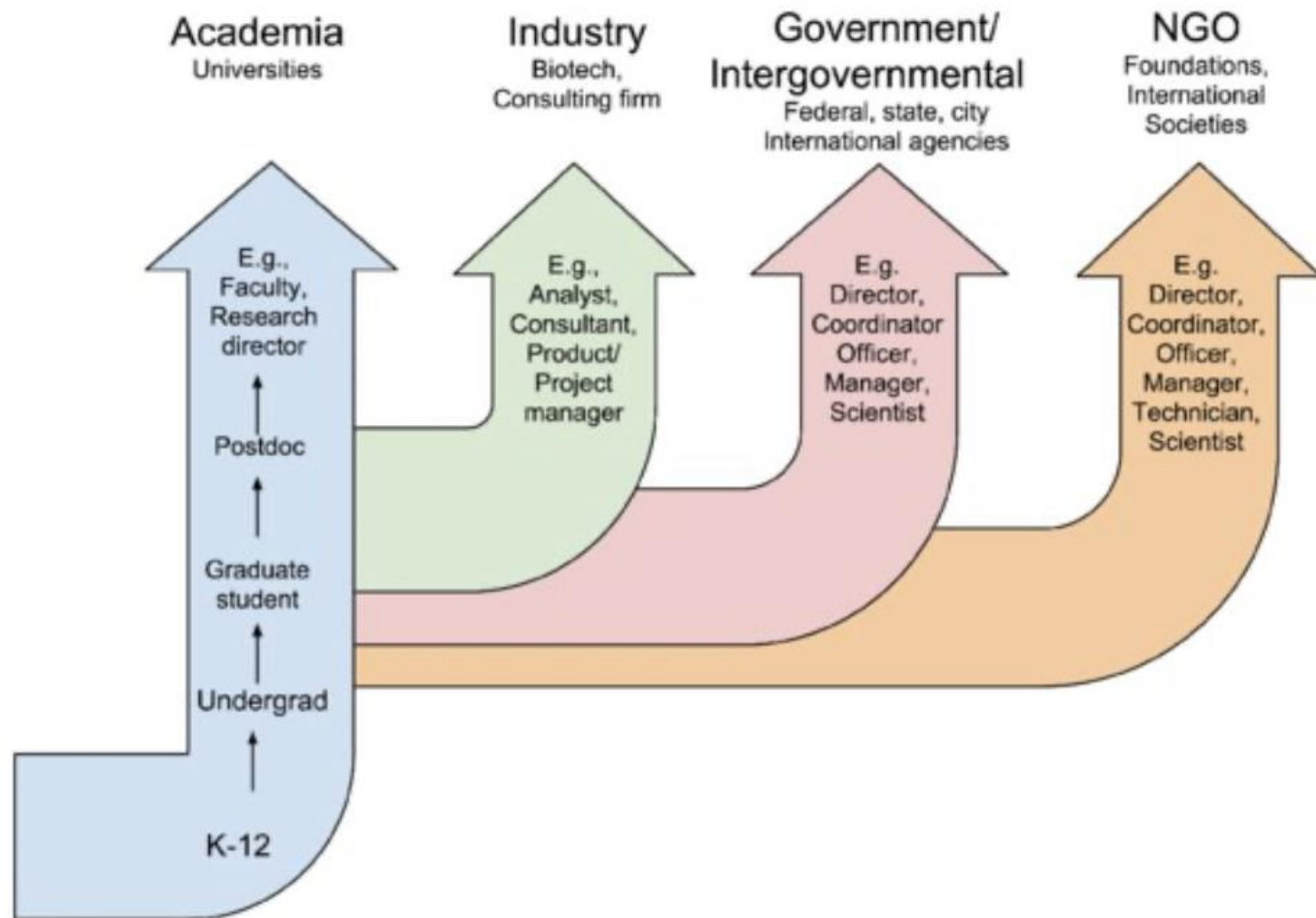
What types of stories are we looking for?

The Conversation focuses on three priority areas:

- timely, evidence-based analysis of issues making the news, such as new research;
- timeless, plain English '[explainers](#)' of complex issues;
- in-depth series or specials or our regular [hard evidence](#) stories.

Before pitching, please consider a [keyword search](#) to read what we've published on your topic.

Careers in research



PhDs in UK

- Different types of funded PhDs
 - Funded PhD on predefined topic and supervisor
 - Develop proposal with supervisor and apply for funding
 - Rotation-style programs (no pre-identified topic/supervisor) - apply directly to program
 - Collaboration between industry/government and academia (e.g. industry partner sponsors)



Q&A

Feedback

- How did the logistics in terms of timing of sessions / online sessions / email reminders work out for you?
- How did the content work for you? What would you like to see more/less of?
- How did the facilitation style work for you? What would you like to see more/less of?