

# **‘The art of blogging and other scholarly communications’**

Andy Tattersall

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“Good science that is not published is inexistent science”, they say. In the modern landscape of scientific publication, we should be a little more specific: “good science that is not read is inexistent science”.

Damien Debecker (Bioengineer, University of Louvain)

<http://bitesizebio.com/27823/the-why-and-how-of-promoting-your-science-publication-online/>

# Academic is changing forever

MOOCs

Open Access

Impact Agenda/REF

Big Data

Evolving manuscripts

Altmetrics

Open pre/post publication review

ORCID

Transparent Journals

Cloud reference management

Mobile research apps

Institutional publishing

Overlay journals

Data citation

Digital badges

Gamification in learning and teaching

Scholarly communication

Research data management

Storytelling

Flipped Classroom

Sci-Hub

Predatory Publishing/Conferences



<http://dashboard101innovations.silk.co/> sample of 35,000 academics

# 400+ Tools and innovations in scholarly communication

## 400+ Tools and innovations in scholarly communication

### web based tools a researcher can use

2		
3	<b>authors:</b>	Bianca Kramer & Jeroen Bosman (and you?)
4	<b>contact:</b>	@MsPhelps & @JeroenBosman, both at Utrecht University Library
5	<b>url:</b>	<a href="https://docs.google.com/spreadsheets/d/1KUMSeq_PzP4KveZ7pb5rddcck1XBtILHniD0d3nDqo">https://docs.google.com/spreadsheets/d/1KUMSeq_PzP4KveZ7pb5rddcck1XBtILHniD0d3nDqo</a>
6	<b>friendly url:</b>	<a href="http://bit.ly/innoscholcomm-lis">http://bit.ly/innoscholcomm-lis</a>
7	<b>related to poster:</b>	<a href="http://dx.doi.org/10.6084/m9.figshare.1286826">http://dx.doi.org/10.6084/m9.figshare.1286826</a>
8	<b>related to website:</b>	<a href="https://innoscholcomm.silk.co/">https://innoscholcomm.silk.co/</a>
9	<b>accompanying survey:</b>	<a href="https://innoscholcomm.typeform.com/to/Csvr7b?source=101">https://innoscholcomm.typeform.com/to/Csvr7b?source=101</a>
10	<b>background:</b>	This is a shared database that grew out of the "101 innovations in scholarly communication" project. When we published the 101 list of selected innovations our database already contained some 200 innovations/tools. The 101 selection was strictly on innovativeness and thus did not contain recent tools if they were not innovative compared to older ones with the same functionality, even if the more recent ones were more popular or well-known. The database shared here has dropped that strict innovativeness criterion and thus contains multiple tools offering basically the same functionality. The masterfile that this database is derived from is still being worked on. Additional fields may become available here in a later stage.
11	<b>how to use:</b>	The second worksheet tab of this file contains data on over 475 tools and innovations in scholarly communication. You can find tools by workflow phase and find some details on each of the tools. You are also warmly invited to add tools or give suggestions/corrections/updates for field values. Please use the "green" user input columns and leave the data itself as it is. When adding, you are welcome to leave your name, but it is not required. Please do not sort/hide/move rows or columns. If you need to do that, please make your own copy of the worksheet to work on.
12	<b>publication date:</b>	20150301, last updated 20150501
13	<b>availability:</b>	20150301 through at least 20151231; from 20160101 until transfer to a more permanent open and free home

## 400+ Tools and innovations in scholarly communication

File Edit View Insert Format Data Tools Add-ons Help

fx add your own here ....

Anonymous Chameleon

Want to get rid of the "No fly zone" hash obscuring your view? Uncheck protected ranges in the View menu!

Please d

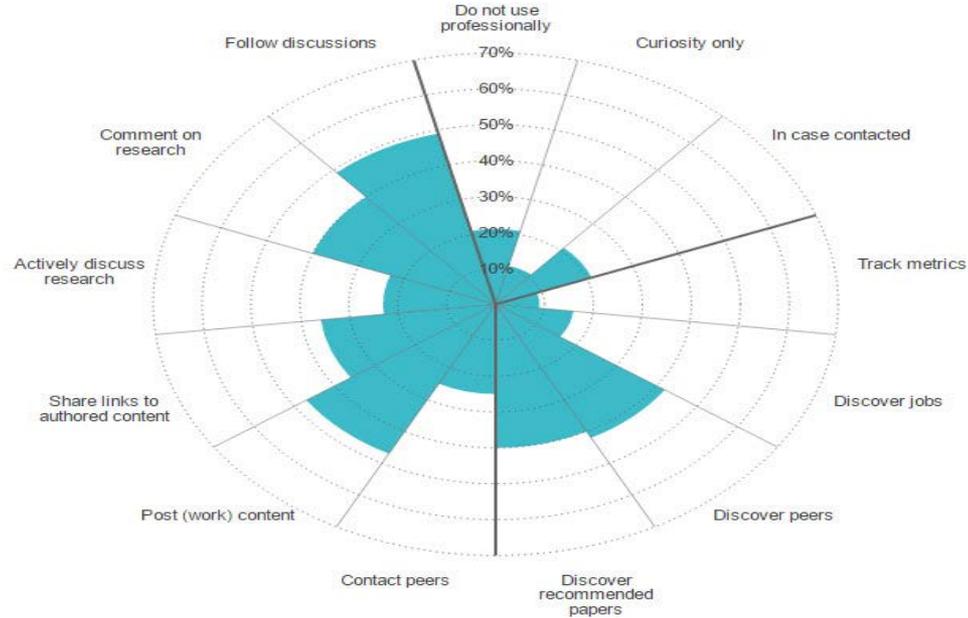
NAME	URL	WEBLAUNCHYEAR	PRIMEPHASEALPHA	EPHASENU#	FUNCTIONFREE	UI_FUNCTIONFREE	FUNCTIONCONTROLLED	G-E-O-CATEGORY
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name (blue ones were added last month)	link	year of weblaunch / introduction / founding	primary phase of workflow targeted	phase order	what is/does it? (free text)	user input for "what is/does it?"	what is/does it? (controlled)	Open / Efficient / Good
--	------	---	------------------------------------	-------------	------------------------------	-----------------------------------	-------------------------------	-------------------------

597	Altmetric	<a href="http://www.altmetric.com/">http://www.altmetric.com/</a>	2011	measure impact (of output, e.g. article)	29	providing alternative, article level metrics	altmetrics	G
598	BookMetric	<a href="http://www.bookmetric.com">http://www.bookmetric.com</a>	2015	measure impact (of output, e.g. article)	29	(alt)metrics for books/book chapters	altmetrics	G
599	ImpactStory	<a href="https://impactstory.org/">https://impactstory.org/</a>	2012	measure impact (of output, e.g. article)	29	altmetrics	altmetrics	G
600	PLoS DLM (Data-level metrics)	<a href="http://dlm.plos.org">dlm.plos.org</a>	2014	measure impact (of output, e.g. article)	29	data-level metrics using PLoS ALM algorithm Lagotto	altmetrics	O/G
601	Plum Analytics	<a href="http://www.plumanalytics.com">http://www.plumanalytics.com</a>	2011	measure impact (of output, e.g. article)	29	altmetrics	altmetrics	G
602	iCite	<a href="https://icite.od.nih.gov/">https://icite.od.nih.gov/</a>	2015	measure impact (of output, e.g. article)	29	dashboard of bibliometrics (including RCR - relative citation ratio) for sets of articles in PubMed	article level metrics	G
603	PLoS Rich Citations	<a href="http://alpha.richcitations.org">http://alpha.richcitations.org</a>	2014	measure impact (of output, e.g. article)	29	detailed information about the citing paper, the cited object and the relationship between the two	citation context	E
604	Depsy	<a href="http://depsy.org/">http://depsy.org/</a>	2015	measure impact (of output, e.g. article)	29	impact of research software	measure software usage	G
605	Bipublishers	<a href="http://bipublishers.es/">http://bipublishers.es/</a>	2014	measure impact (of output, e.g. article)	29	Bibliometric indicators for publishers	publisher metrics	E
606	DOI Chronograph	<a href="http://chronograph.labs.cro">http://chronograph.labs.cro</a>	2015	measure impact (of output, e.g. article)	29	collect information about DOI-referrals from the open web	support for citation analysis	O
607	Publish or Perish (PoP)	<a href="http://www.harzing.com/pop">http://www.harzing.com/pop</a>	2006	measure impact (of output, e.g. article)	29	citation analysis with Google Scholar data	support for citation analysis	E
608	Scholarometer	<a href="http://scholarometer.indiana">http://scholarometer.indiana</a>	2009	measure impact (of output, e.g. article)	29	Citation analysis, Google Scholar based, for assessment	support for citation analysis	E
609	Open Contributorship Badges	<a href="http://mozillascience.org/cc">http://mozillascience.org/cc</a>	2014	assessment (of researcher/research group)	30	display badges for different author roles, both w/ paper (on publisher site) and in ORCID-profile.	badges for attribution	G
610	Journal Impact Factor (JIF) in JCR	<a href="http://thomsonreuters.com/">http://thomsonreuters.com/</a>	1964	assessment (of researcher/research group)	30	ranking journals by average citations to 'citable items'	journal list, metrics, metadata	E

### Interactive: Why scholars use social media

In *Nature's* survey, a subset of scholars who said they 'regularly visited' social media sites were quizzed in detail about their activities.



- ✓ Twitter (330 regular visitors)
- Academia.edu (283 regular visitors)
- Facebook (340 regular visitors)
- LinkedIn (389 regular visitors)
- ResearchGate (1,589 regular visitors)
- Mendeley (198 regular visitors)

#### Voices from the survey

*"Sometimes a distraction, generally useful for keeping up on published papers."*

TWITTER USER, AGE 45-54, UNITED KINGDOM, PROFESSOR

# The Research Life Cycle 1.0



@andy\_tattersall  
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# The Research Life Cycle 2.0



@andy\_tattersall  
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New & Improved formula  
Research Cycle 3.0!!!!

Start

CAPTURE

Seek  
Collaboration

Carry out  
research

PUBLISH

Win  
Funding

Publish  
Open  
Access

Take to a  
conference

Write a  
blog post

SHARE

Make your  
data open  
access

Take a  
break  
and start  
again

Work  
with  
Media

Engage  
with public

OWN

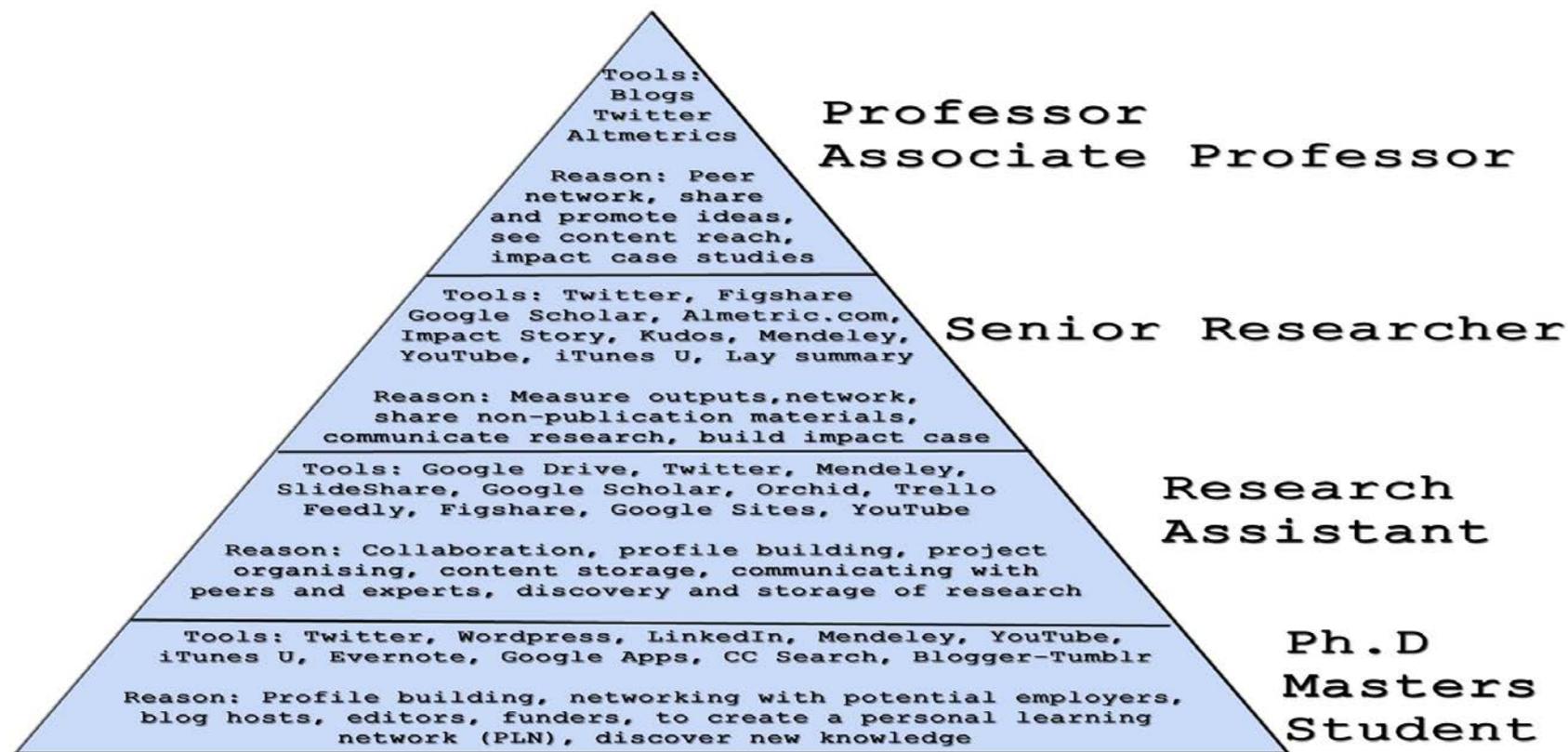
Engage in  
social  
media

Record a  
podcast

Make an  
infographic

@andy\_tattersall  
a.tattersall@shef.ac.uk





Benefits of engaging with Social Media,  
Technology and Alternative Metrics (Altmetrics)  
Andy Tattersall - University of Sheffield

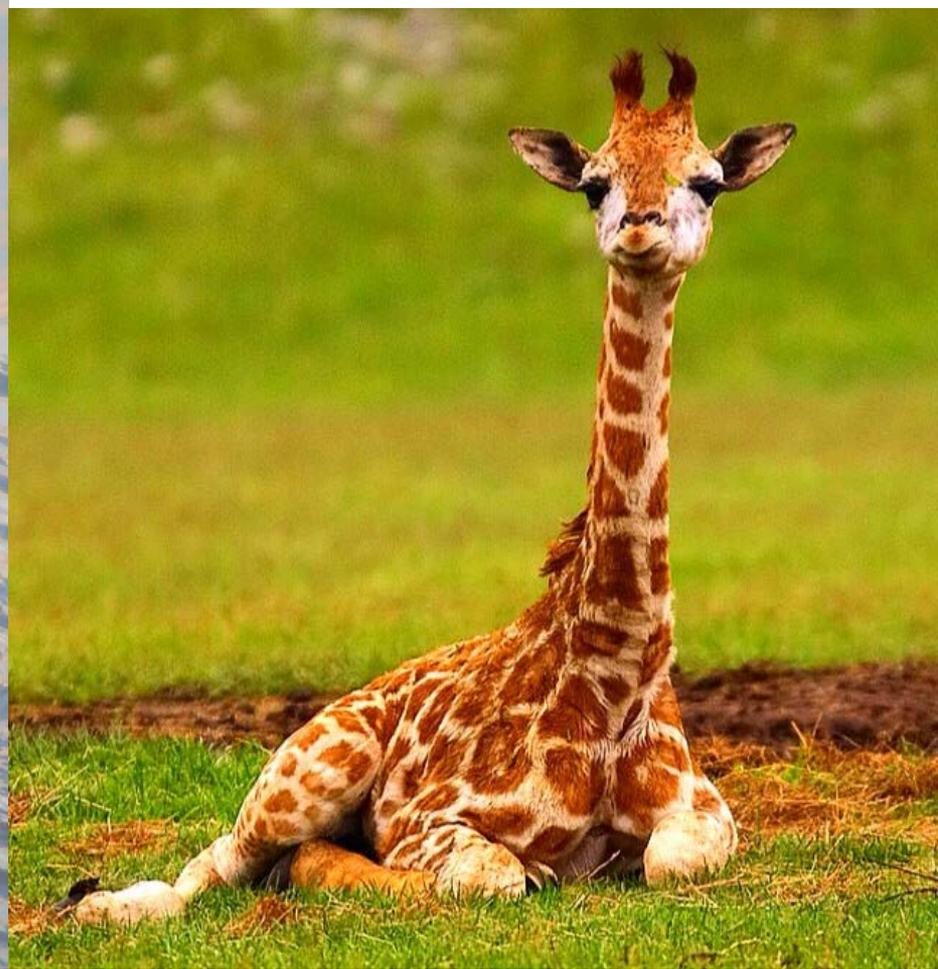
Twitter: “*it's like having a little part of you that's always down the pub*” (@dougald)  
.....or in the conference bar

# Prescribing a Social/Digital Technology

- You need to understand why you are taking it
- You need to understand the benefits
- You need to understand the side-effects
- You need to understand that the benefits may take time
- You may need two courses
- You may need a different intervention
- Do not feel pressured to use it - as it won't work



CC BY 2.0 Thomas Wood <http://bit.ly/2cOy8L9>



CC BY 2.0 Frontierofficial <http://bit.ly/2cOyjGj>

# It's not just students who faux pas



<http://www.impactnottingham.com/2014/02/absolute-arseholes-and-idiots-uon-lecturer-slams-students-and-university-on-public-facebook-profile/> [Last Accessed 4/4/2018]



<http://www.nydailynews.com/news/national/nyu-prof-obese-insult-tweet-debacle-article-1.1362772>  
[Last Accessed 4/4/2018]

# Former footballer-turned-boxer Curtis Woodhouse drives to home of Twitter troll to confront him over months of abuse

By [JOE RIDGE FOR MAILONLINE](#) 

**PUBLISHED:** 10:47, 12 March 2013 | **UPDATED:** 13:01, 14 March 2013



 **44**  
View comments

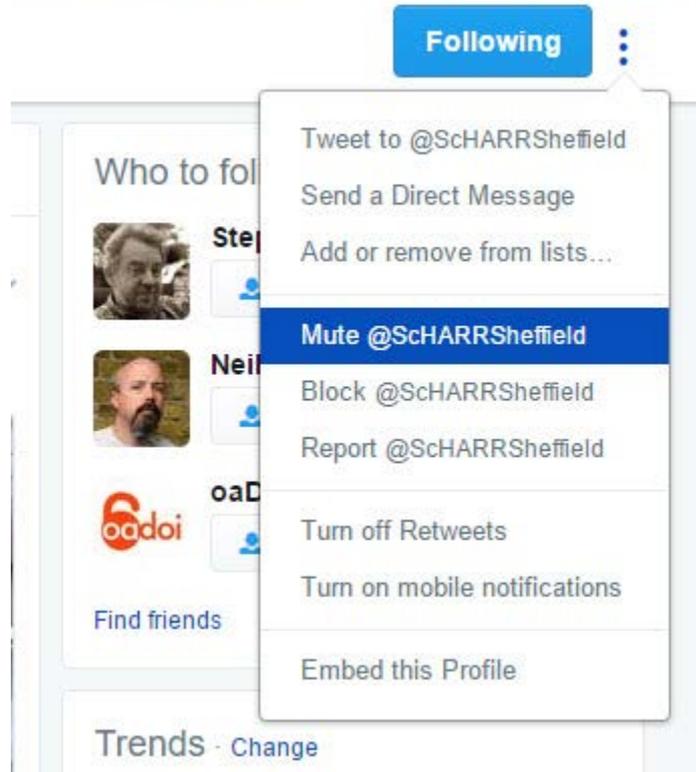
Former footballer-turned-boxer Curtis Woodhouse has been championed by the likes of Lennox Lewis and John Prescott after he put a Twitter troll in his place by driving to confront him on his doorstep.

The ex-England Under 21 player lost his English light-welterweight title on points to Shane Singleton on Friday night and he was branded a 'disgrace' on the social networking site by 'Jimmyob88', who has reportedly been abusing Woodhouse on Twitter for months.

The 32-year-old former tough-tackling midfield midfielder - who switched sports to boxing aged 26 - was so enraged with the abuse that he offered £1,000 to anyone who could help him



# The one function on Twitter you aren't told enough about



## Who, What, Where, When, Why: Using the 5 Ws to communicate your research



 Tweet 275    



*A lay summary can be a useful approach to breaking down barriers and making research accessible. A good summary focuses on the important aspects of the research, but distilling this information is not always easy. A helpful starting point for identifying the key elements of a research story can be the 5 Ws. **Andy Tattersall** finds this approach might not work for every piece of research, but it has the potential to allow researchers to explore key themes and retain control of what they say and how they say it.*



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# The benefits of blogging

THE CONVERSATION

Academic rigour, journalistic flair

Search analysis, research, academics...

Arts + Culture Business + Economy Education Environment + Energy Health + Medicine Politics + Society **Science + Technology** Brexit

## When it comes to information overload, we're like frogs in boiling water

logged in via Facebook

Gruesome metaphor, and scientifically inaccurate, too. Check "Snopes" for the full story.

2 years ago • Report



**Andy Tattersall**

Information Specialist, [University of Sheffield](#)

In reply to

This is just a metaphor despite having a link that says otherwise. Like I said in a previous response, I don't condone the boiling of frogs for a second, anyone who does that is an idiot - and certainly not to prove the theory of information overload. I like frogs, they live just outside my back door, thankfully for them they have never heard of the Internet ;-)  
<https://archive.org/stream/studiesfrombiol00martgoog#page/n415/mode/2up>



Author



**Andy Tattersall**

Information Specialist, University of Sheffield

logged in via Facebook

Stop spreading this frog and boiling water nonsense. It isn't true, but if it is repeated enough times SOME people will believe it. Ostriches don't put their heads into holes either. And, yes, you do use more than 10% of your brain!

from this article, and has disclosed no relevant affiliations beyond the academic appointment above.

Partners

<http://bit.ly/2pmCrlA>

# The benefits of research blogging

"As well as reaching a far wider audience, the best thing about blogging has been the practice in writing for non-specialists, which is more and more important in these interdisciplinary times!"

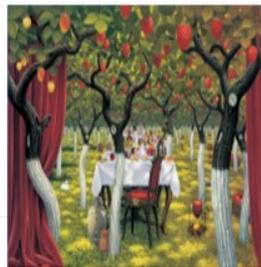
"The process of writing helped me to think about my own research narrative. Pulling out the implications of research I'd done for a non-academic audience forced me to focus on the key messages of the research and what it meant in the real world."

"It was an interesting exercise and definitely helped communicate my research to people who almost certainly would not have encountered it otherwise; it did also appear to lead to a "hike" in online views of the paper, which the blog linked to. The increased visibility of the paper might lead to higher numbers of citations than it might have received otherwise"

4 Questions you will need to address before starting

1. Will I respond to comments?
2. Am I likely to get into trouble doing this?
3. Do you realistically have the time?
4. Am I sure I can mention my work online?

# The polymath blog



## About

This group blog, together with its [associated wiki](#), is intended to host "polymath" projects – massively collaborative mathematical research projects. The ground rules for such projects can be [found here](#).

Note that [LaTeX is supported](#) in the comments of this blog. Unfortunately, comment editing and preview is not available; you will need to contact a moderator or administrator to fix a comment.

Discussion on the design and format of polymath projects can be made [here](#). Discussion of the rules, organisation, philosophy, and strategy of these projects can be made [here](#). LaTeX questions or sandbox experiments can be made [here](#). Technical blog questions can be made as comments to this page. Any questions, comments, or requests that do not fit anywhere else can go on [this page](#).

If you wish to make your own polymath project proposal, you can either make your own blog post for the proposal (and, if it is a wordpress blog, use the tag or category "polymath proposals" so that it will show up in [this list](#)), or to put it on this [wiki page](#). You can also discuss the proposal [on this thread](#).

To follow this blog in a feed aggregator using RSS, use the link <http://polymathprojects.wordpress.com/feed/rss/>.

The administrators of this blog are

- [Tim Gowers](#)
- [Gil Kalai](#)
- [Michael Nielsen](#)
- [Terry Tao](#)

# Research Ideas and Outcomes



The Open Science Journal

ISSN 2367-7163 (online)

[Browse articles](#)[Start a manuscript](#)

SPARC Innovator Award Winner 2016

<http://riojournal.com/>

# **Research Ideas and Outcomes (RIO)**

aims to catalyse change in research communication by publishing ideas, proposals and outcomes in a comprehensive way. By doing so, we hope to increase transparency, trust and efficiency of the whole research ecosystem.

# Social Media & Dr John Holmes

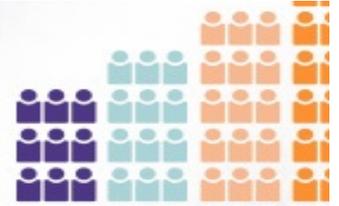
“Twitter has been useful for sustaining and building relationships with academics outside Sheffield. It provides a starting point for conversation at conferences, a sense of the interests of potential collaborators and a way of identifying who the people you should be talking to are.

Although trolls are generally to be avoided, those hostile to public health perspectives are not all trolls. Engagement with those people is useful as it exposes you to different perspectives on your work, can help you understand how it is regarded by those outside the scientific and public health community, identify the key criticisms of your work (and the best way to respond to them) and lead you toward new research questions and ideas. In short, it helps you think about public health outside of a lefty, state intervention, received wisdom on 'what works' paradigm.”

# Blog about what you know



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Social media is a ticking time bomb for universities with an outdated web presence.

Tweet 420



Share / Save ▾



*There are pressing questions academic institutions will need to address over the next couple of years regarding their expanding participation in social media streams. **Andy Tattersall** argues that with such blurred boundaries of ownership, access and support, what is needed is wide-scale demystification to help academics dovetail a few choice tools to bring how they work into a modern setting. Social Media, Altmetrics and Web 2.0 all afford academia a wealth of possibilities if they take it, but there is a risk that the important messages will get*

*lost as we produce even more social data than we can imagine.*

Most popular thing on the LSE website today:  
[@LSEImpactBlog](#) with the weird & wonderful  
world of academic Twitter!



**The Weird and Wonderful World of Academic Twitter: Accounts that mock, s...**  
Academic Twitter is more than just sharing research articles and live-tweeting at conferences. Andy Tattersall gives an overview of the humorous accounts that ...  
[blogs.lse.ac.uk](https://blogs.lse.ac.uk)

# Social Media & Professor Trish Greenhalgh

British professor of primary health care

“I’ve got my last two PhD students from Twitter”

“I’ve got my most recent research collaboration from Twitter”

“I was invited to edit a major new journal article series via a message on Twitter”

“Our paper ‘EBM – a movement in crisis’ was the most highly cited paper in the BMJ in 2014 directly because of a targeted twitter campaign to promote it.”

# Twitter Myth

You can't say much in 140 280 characters

“Insanity: doing the same thing over and over again and expecting different results.”

“Our scientific power has outrun our spiritual power. We have guided missiles and misguided men.”

“Education is the most powerful weapon which you can use to change the world.”



**ben goldacre** ✓  
@bengoldacre

Twitter



This MOOC (Massive Open Online Course) on HTA ("what works and should we use it?") looks excellent  
[scharr.dept.shef.ac.uk/ihta/html/cour...](http://scharr.dept.shef.ac.uk/ihta/html/cour...)



RETWEETS  
41

FAVOURITES  
50



1:01 pm - 29 Jul 2013

# Social Media & Professor Allan Pacey

“See social media as part of one continuum, it is the spine of what I do”

“Puts a human face to your professional profile, helps public and patients see who I am, some patients follow my updates”

Recent £750,000 MRC Grant aided by solid impact statement backed by strong public profile - “Referee’s comment was I cannot fault it”

“Helps me stay top of my game”

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**3**

**USE YOUR  
ORCID ID** Include your ORCID identifier on your Webpage, when you submit publications, apply for grants, and in any research workflow to ensure you get credit for your work.



### LATEST NEWS

Wed, 2016-04-27  
[Meet ORCID  
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Wed, 2016-04-20  
[Step by Step:  
Collecting and  
Connecting ORCID  
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Thu, 2016-04-14



**Trending:** [Scientists found that damage in a certain part of the brain is linked to an increas...](#)



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reddit\_exchanges

**promoted** pocket



UT Southwestern Medical Center researchers have identified the cells that directly give rise to hair as well as the mechanism that causes hair to turn gray – findings that could one day help identify possible treatments for balding and hair graying.

↳ utsouthwestern.edu

23 hours ago by mvea **1** MD-PhD-MBA | Clinical Professor/Medicine

**MEDICINE** 1670 comments share pocket



Scientists found that damage in a certain part of the brain is linked to an increase in religious fundamentalism. In particular, lesions in the ventromedial prefrontal cortex reduced cognitive flexibility - the ability to challenge our beliefs based on new evidence.

↳ bigthink.com

20 hours ago by Wagamaga

**NEUROSCIENCE** 103 comments share pocket



Parkinson's disease in a dish: Researchers reproduce the abnormal oscillations in brain neurons that control movement and which characterize the disease. The findings could speed the development of new treatments.

↳ buffalo.edu

13 hours ago by drewiepoolle **2**

**NEUROSCIENCE** 1 comment share pocket

Study finds that alcohol is as effective as opioids at reducing pain; a new meta-analysis found that




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#### Submission Requirements

1. Directly link to published peer-reviewed research articles or a brief media summary
2. No summaries of summaries, reviews or popular reposts (over 100 upvotes)
3. Research must be less than 6 months old
4. No sensationalized titles, all titles must include the model where applicable
5. No blogspam, images, videos, infographics
6. All submissions must be flaired and contain a link to the published article, either in the submission link or as a standalone comment.

#### Comment Rules



[hot](#) [new](#) [top](#) [wiki](#) [promoted](#)

↑  
1  
↓



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promoted by Anixter

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[sponsored link](#) [what's this?](#)

↑  
9  
↓

**Call for Biomedical Engineers: talk about your work! (Q2 2016)** self:AskEngineers

[+](#) submitted 21 hours ago by [dangersandwich](#) [Aero - Aircraft Structures & Compliance](#) - [announcement](#)

[1 comment](#) [share](#)

↑  
8  
↓

**If I want to make biomedical devices in my future career, would it be more advantageous for me to major in biomedical, electrical, or mechanical engineering?** self:AskEngineers

submitted 9 hours ago by [UpliftMofoPlan](#)

[8 comments](#) [share](#)

↑  
44  
↓

**Engineers who went back for a second Bachelors degree, what was your experience like?** self:AskEngineers

[+](#) submitted 19 hours ago by [givetonature](#)

[64 comments](#) [share](#)

↑  
15  
↓

**I'm an contractor working onsite at a client's location but I would like to transfer internally (within my actual company) to another client. How do I broach the subject with my boss?** self:AskEngineers

[+](#) submitted 16 hours ago by [sts816](#)

[8 comments](#) [share](#)

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### UPCOMING SHOWS



**STORY COLLIDER IN  
CAMBRIDGE**  
Cambridge, MA  
Tue, Jul 14th



**STORY COLLIDER IN  
MAINE**  
Portland, ME  
Wed, Jul 22nd



PODCAST

#### Falling to Other Worlds

*David Kipping*

A near-fatal accident on a mountain leads exoplanet hunter David Kipping to a new goal.

David Kipping: Falling To Other Worlds by The Story Collider

Photo by Danny Ngan.

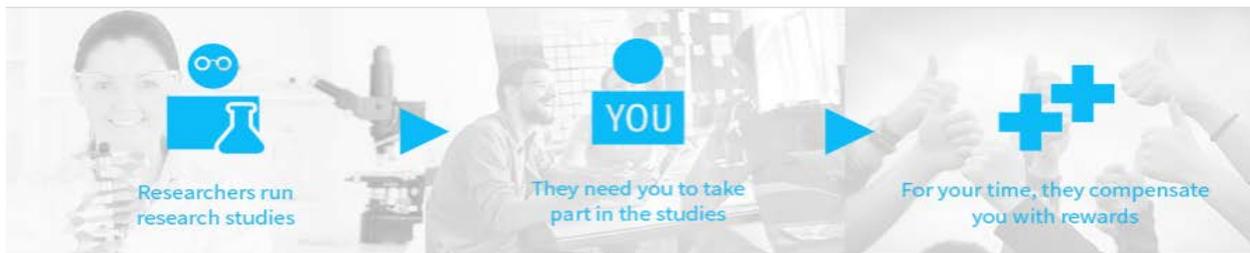
<http://storycollider.org/>

Take part in the widest selection of academic research and earn rewards

I want to discover exciting research

Get started

HOW DOES CALL FOR PARTICIPANTS WORK





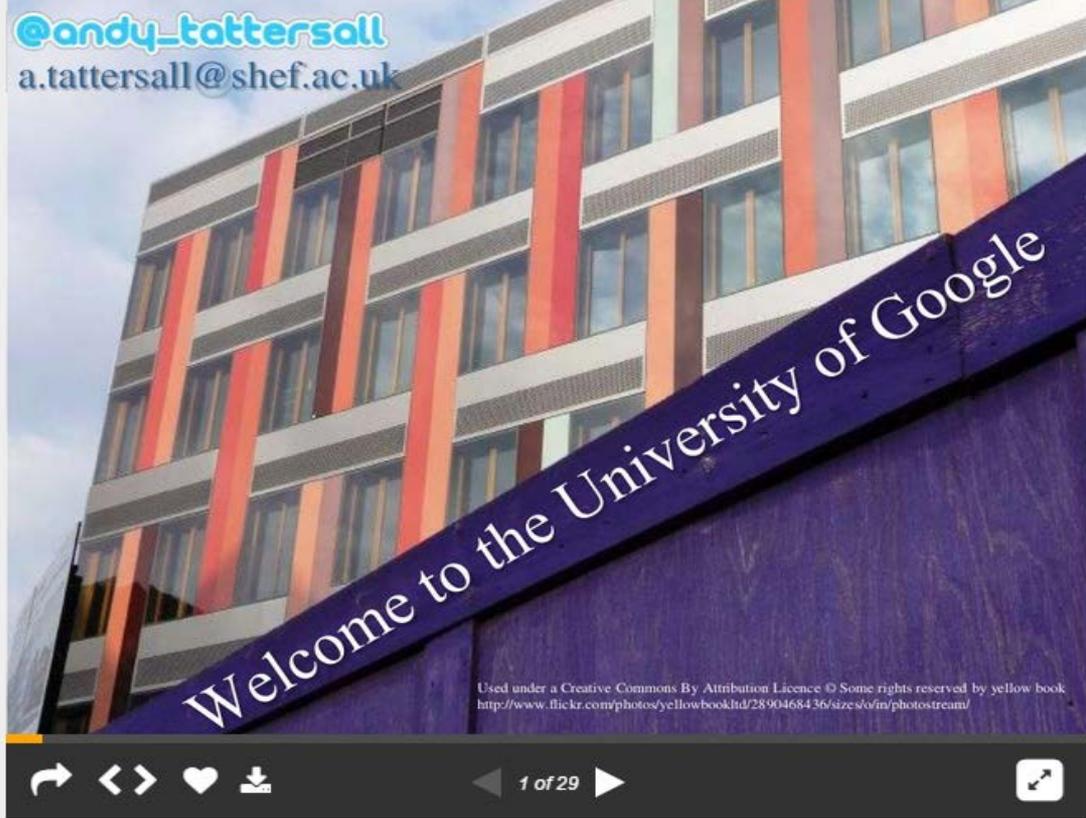
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Navigation icons: back, forward, heart, download, 1 of 29, share

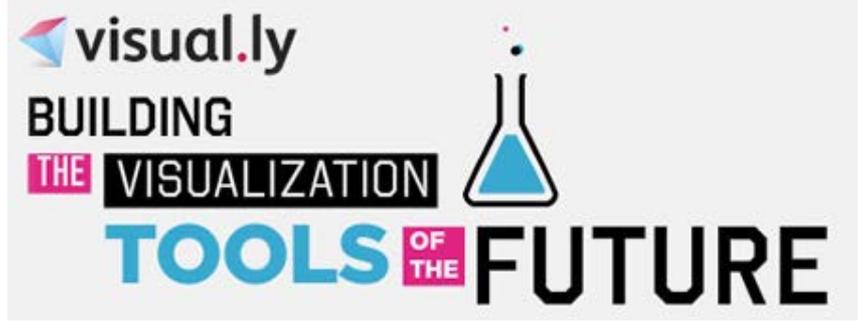
Edit Privacy Settings Analytics <sup>FREE</sup> Re-upload

## Welcome to the University of Google

4,043  
views



Andrew Tattersall (29 SlideShares), information specialist at university



# Rethink your Posters

[infogr.am](http://infogr.am)

# Piktochart

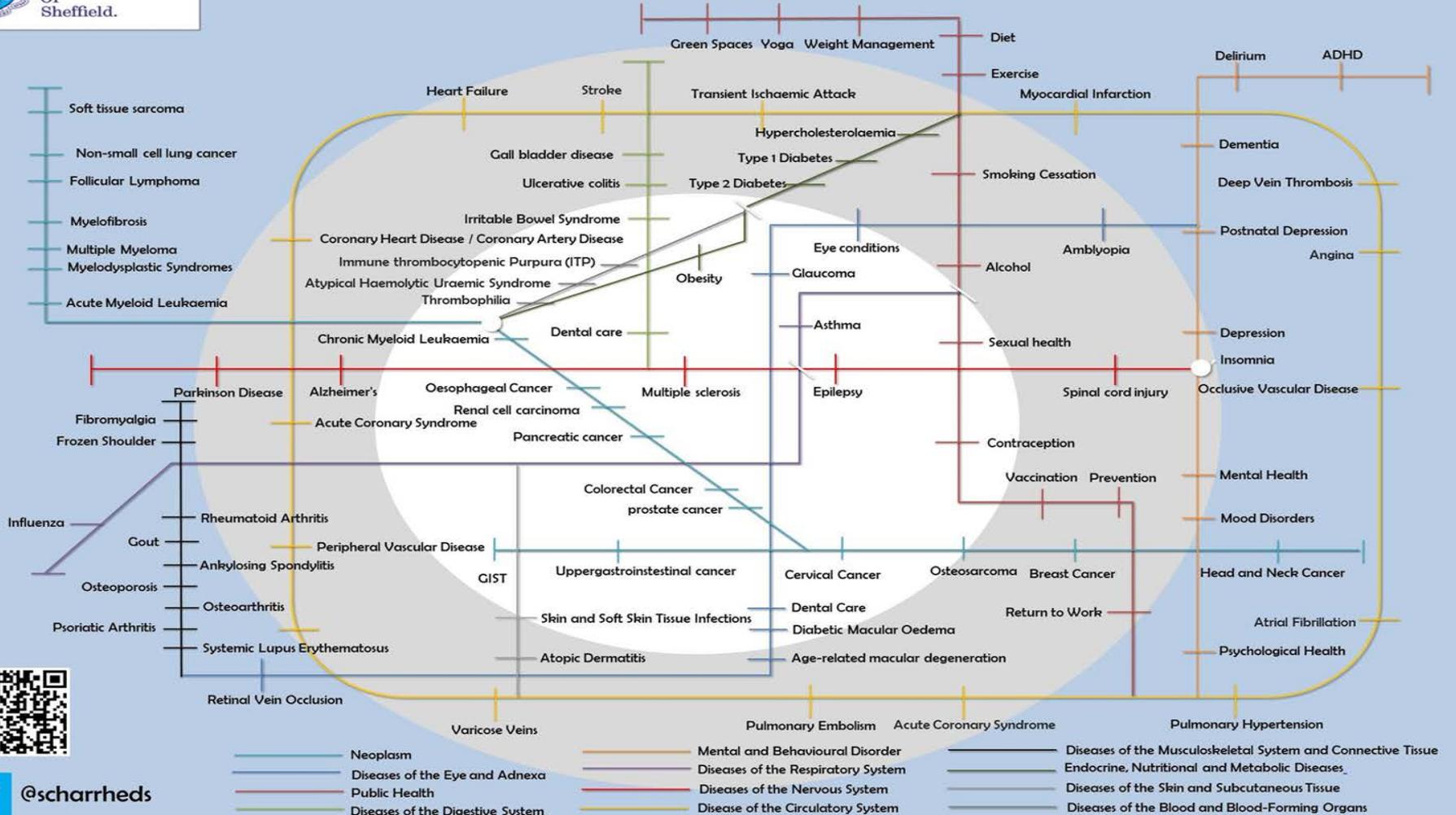


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# HEDS THEMATIC MAP OF EXPERTISE



# A BITE SIZE GUIDE TO RESEARCH IN THE 21ST CENTURY

PART III

24TH JANUARY  
1.30-4PM -  
PEMBERTON A  
REGENT COURT

PROFESSOR HELEN KENNEDY - DATA VISUALISATION  
IN ACADEMIC RESEARCH: POSSIBILITIES, PRAGMATICS, PROBLEMS

JOHN CURTIS - SHEFFIELD CITY COUNCIL  
MAKING GOVERNMENT DATA OPEN

DR MIKE CROUCHER  
IS YOUR RESEARCH SOFTWARE CORRECT?

WASIM AHMED  
ETHICAL CHALLENGES  
OF USING SOCIAL MEDIA  
DATA IN RESEARCH

SURINDER BANGAR  
THE SCHARR IMPACT TOOLKIT

DR CHRIS BLACKMORE  
#HAPPYSHEFFIELD PROJECT - USING SOCIAL MEDIA IN RESEARCH

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SPACEFLIGHT:



<http://bit.ly/2gOAehY>

IMAGE:  
ADOBE  
SPARK

# Twitter Cards



**Professor John Brazier**

**Monday, 31 October 2016**

**11:15 - 12.15 Workshop**

**📍 Hall E2 (L-0) W3**

**UTILITIES IN ECONOMIC EVALUATION:  
USING BEST PRACTICES WHERE  
INTERNATIONAL GUIDELINES  
PROVIDE INSUFFICIENT DETAIL**



**Sheffield  
ScHARR.**

**#ISPORVienna @ProfJohnBrazier**





AS TECHNOLOGY B



**Randomization in Controlled Clinical Trials**

**1. Randomization in clinical trials**

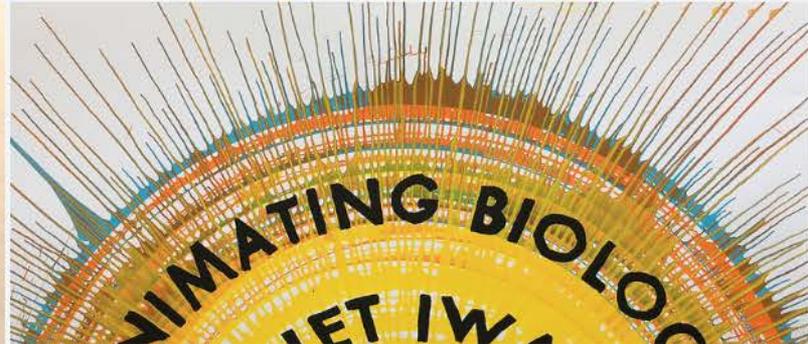
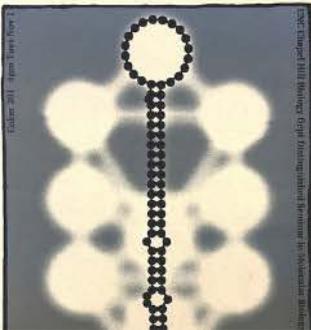
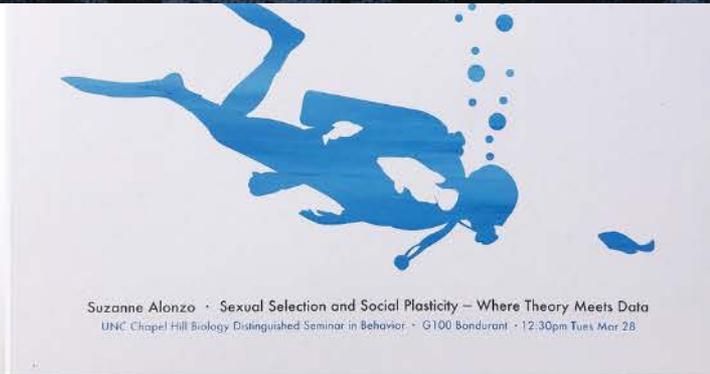
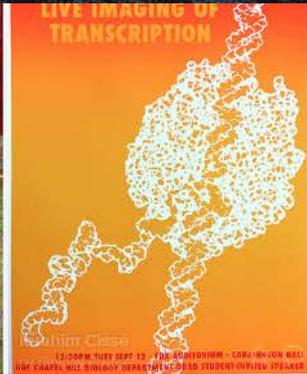
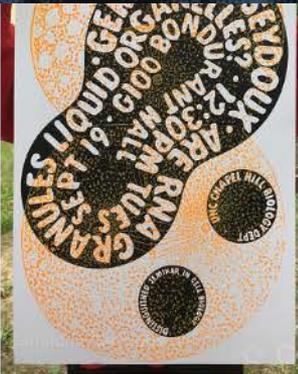
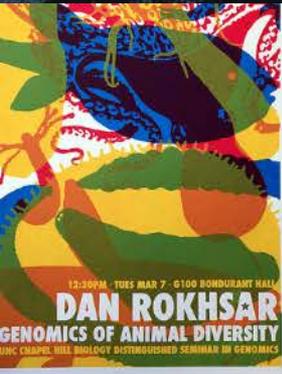
**Problems with Control**

**Analysis**



# Gig Posters for Scientists

*Hand screen printed posters for distinguished scientists visiting UNC Chapel Hill Biology.*





**Jason Priem**

@jasonpriem

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5

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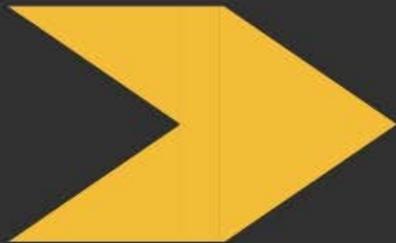
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Ensure your research reaches the widest possible global audience, is eligible for submission in research assessment exercises, and fulfils funder requirements.

Here are eight tips for academic authors to tune up their research profile:

<b>1. Make your work Open Access</b>	Open Access (OA) papers benefit from wider readership and higher citations. Also some research funders require you to make your research open. To be eligible for submission to the next REF you need to deposit your manuscript into our institutional repository (PURE) immediately upon acceptance.
<b>2. Use your name consistently</b>	Decide how you would like your name to appear in publications and then stick to the same format which will make it easier for your work to be identified and correctly attributed to you.
<b>3. Use an ORCID identifier</b>	ORCID is a digital identifier which uniquely identifies authors. If you have an ORCID ID then you can use it in grant applications and research publications to distinguish yourself from authors with similar names.
<b>4. Institutional affiliation</b>	Always include the phrase “University of Edinburgh” somewhere in the author affiliation section of any research publication. Doing this will ensure that citations relating to your publications will be correctly attributed in various bibliometric databases.
<b>5. Acknowledge your funder</b>	In the acknowledgements section of your paper include the funder(s) and grant number(s). It should take the form of a sentence with the funding agency written out in full, followed by the grant number in square brackets.
<b>6. Research Data</b>	You should include a statement in your publication detailing the location and accessibility of underlying research data. This is a requirement for certain research funders.
<b>7. Cite the DOI and OA links</b>	When you are sharing your research, include the DOI (Digital Object Identifier) in tweets, blog posts, press releases etc., as this will help to ensure that usage of the article is tracked using services such as Altmetric.com. If you have an OA link then include that as well.
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  - #7 Twitter
  - #8 Infographics
  - #9 Information Overload
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  - #20 Running an event
  - #21 Online meetings
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  - #25 Google Sites
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- More hacks to follow.....

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Created by  
[@andy\\_tattersall](https://twitter.com/andy_tattersall) e: [a.tattersall@sheffield.ac.uk](mailto:a.tattersall@sheffield.ac.uk)

$$K - index = \frac{F(a)}{F(c)}$$

Total citations plotted against number of Twitter followers for a sample of researcher-tweeters

