Open Access for Research Students

Sam Oakley
Why does this matter?

“Individuals aspiring to a research career need the knowledge and skills to operate effectively in an open research environment. Developing in this area will help you to open doors and access opportunities that could benefit you as a professional.”

“Focus on Open researchers within open research”
This isn’t open access
It's not like there would be *any* public interest in this article, right? #paywalledapocalypse

Antibiotic resistance threatens the efficacy of prophylaxis

Joshua Wolf
Published Online: 15 October 2015

The slow-motion catastrophe of antibiotic resistance has gained substantial attention as common bacterial infections become increasingly difficult to treat. In *The Lancet Infectious Diseases*, Aude Teillant and colleagues report an original approach to the issue. They used published data to model the effects of antibiotic resistance on antibacterial prophylaxis in patients undergoing surgery or cancer chemotherapy.

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Subscribe to *The Lancet Infectious Diseases*
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Wonder and Skepticism in the Middle Ages (Routledge Research in Medieval Studies) Hardcover – 10 Feb 2016
by Keagan Brewer (Author)

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Hardcover
£90.00

1 New from £90.00

Wonder and Skepticism in the Middle Ages explores the response by medieval society to tales of marvels and the supernatural, which ranged from firm belief to outright rejection, and asks why the believers believed, and why the skeptical disbelieved. Despite living in a world whose structures more often than not supported belief, there were still a great many who disbelieved, most notably scholastic philosophers who began a polemical programme against belief in marvels.
Also not open access!

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Breastfeeding and maternal and infant health outcomes in developed countries

In this 400-page report, prepared for the Agency for Healthcare Research and Quality, the authors evaluate studies of the effects or associations of breastfeeding on various child and maternal outcomes. In a screening of over 9,000 abstracts, researchers from the Tufts-...

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Breastfeeding: quantifying the benefits of breastfeeding: a summary of the evidence

For example, if more educated mothers tend to breastfeed, a positive association between breastfeeding and health or intellectual development may be due in part to the... Another example is the common observation that breastfed infants stop breastfeeding when they...

Cited by 197 Related articles All 15 versions Cite Save More

Breastfeeding, maternal smoking and lower respiratory tract infections

... of physician visits for respiratory symptoms was not related to the length of breastfeeding. ... 7-12 months revealed a plausible time sequence supporting a true protective effect of breastfeeding... of exposure to tobacco smoke products on LRTIs in long term breastfed children... Cited by 150 Related articles All 7 versions Web of Science 97 Cite Save More

Breastfeeding and later cognitive and academic outcomes

... Mothers who elected to breastfeed tended to be older, better educated, from upper... and teacher ratings of school performance than children who were not breastfed, and 2... The product moment correlations between duration of breastfeeding and the outcome measures were...
This is open access

3-D Finite Element Monte Carlo Simulations of Scaled Si SOI FinFET With Different Cross Sections
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For IEEE Access, the multidisciplinary mega journal, the article processing fee is $1,750.
Who pays?

• Funders:
  – RCUK: the library administers a central fund
  – Direct from project funding: e.g. Wellcome

• The University?
  – College?
  – Research Group?
  – We have no central fund 😞

• Publisher deals: we have a great deal with Springer that includes SU students!
The Dark Side of Open Access

Predatory publishing has become a real problem...

- Thing Check Submit http://thinkchecksubmit.org/: carefully double-check if you get a phishing email!
- Beall’s list is useful but has critics
This is “free” open access
What’s the catch?

• Only permitted after a delay / embargo e.g. 12mo, 24mo, 36mo

• Usually only the “author accepted manuscript” permitted (NOT the published version)

• Requires researcher to make the effort

• How findable is it?

• No access to Cronfa for students (at present)
This isn’t exactly open access…. "open access is also impeded by total disregard for copyright and laws regarding intellectual property in general" (Alex Golub, Savage Minds blog, 28 Oct 2015)
What about books / monographs?

• Wellcome announced funding for monographs & HEFCE will consult about policy towards monographs in the REF after next.

• Publisher Book Processing Charges (e.g. Routledge £10,000) vs other new models emerging e.g. Knowledge Unlatched.

• Have a look at an open access book on open access books.
Open Research is more than just published articles. Erin McKiernan is a great advocate for working openly & encourages others to do the same. Ben Goldacre is a UK champ for open science.
OA: what’s in it for the researcher?

• **Wider dissemination and readership of your research**

• **More citations**

• Altruistic and ethical stance (e.g. [Jack Andraka & his cancer research](#))

• Meeting obligations from funder or university (the REF)
“104. In the case of Ph.D. theses funded by Research Councils, metadata describing the thesis should be lodged in the institution's repository as soon as possible after award and a full text version should be available within a maximum of 12 months following award.”
“Output is a journal article or a conference proceeding with an ISSN”

“Output was accepted for publication after 1 April 2016”

“Output must be deposited in an institutional or subject repository within three months of being accepted for publication”

“Output must be deposited as the final, peer-reviewed text (as a minimum).”
Can you embrace open research?

- Current awareness of Open Research & the changing academic landscape
- Make your work open where possible!
- If you’re publishing, check your self-archiving rights (or funds to pay the APC)
- Funder open access policies can be checked at Sherpa Juliet
- Be alert to copyright implications in your PhD
Related ISS Sessions

• Raising your research profile (16/2/17)
• Research Data Management (15/3/17)
• Copyright: what you need to know (5/5/17)

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