

# Readings about Research Impact Assessment

- Australian Technology Network of Universities and Group of Eight (2012). 'Excellence in Innovation Research Impacting Our Nation's Future – Assessing the Benefits', Australian Technology Network of Universities. Available at: [www.atn.edu.au/eia/Docs/ATN-Go8-Report-web.pdf](http://www.atn.edu.au/eia/Docs/ATN-Go8-Report-web.pdf).
- Blei DM (2012). 'Probabilistic Topic Models'. *Communications of the ACM*, 55 (4), 77–84. Available at: [www.cs.princeton.edu/~blei/papers/Blei2012.pdf](http://www.cs.princeton.edu/~blei/papers/Blei2012.pdf)
- Donovan C (2008). 'The Australian Research Quality Framework: A Live Experiment in Capturing the Social, Economic, Environmental and Cultural Returns of Publicly Funded Research'. In CLS Coryn and M Scriven (eds), *Reforming the Evaluation of Research*. New Directions for Evaluation, 118, 47–60.
- Grant J, Brutscher P-B, Kirk S, Butler L and Wooding S (2010). 'Capturing Research Impacts: A Review of International Practice'. Report prepared for the Higher Education Funding Council for England. Cambridge: RAND Europe. Available at: [www.rand.org/content/dam/rand/pubs/documented\\_briefings/2010/RAND\\_DB578.pdf](http://www.rand.org/content/dam/rand/pubs/documented_briefings/2010/RAND_DB578.pdf)
- Hanney SR, Castle-Clarke S, Grant J, Guthrie S, Henshall C, Mestre-Ferrandiz J, Pistollato M, Pollitt A, Sussex J and Wooding S (2015). 'How long does biomedical research take? Studying the Time Taken between Biomedical and Health Research and its Translation into Products, Policy, and Practice'. *Health Research Policy and Systems*, 13(1), doi: 10.1186/1478-4505-13-1. Available at: [www.health-policy.com/content/13/1/1](http://www.health-policy.com/content/13/1/1)
- Levitt, R. Celia C, Diepeveen S, Chonail S, Rabinovich L, Tiessen J (2010). *Assessing the Impact of Arts and Humanities Research at the University of Cambridge*. Cambridge: RAND Europe.
- Mansfield E, (1990). 'Academic Research and Industrial Innovation'. *Research Policy*, 20 (1), 1–12.
- Manville C, Guthrie S, Henham M-L, Garrod B, Sousa S, Kirtley A, Castle-Clarke S, and Ling T (2015a). *Assessing impact submissions for REF 2014: An evaluation (2015)*. Cambridge: RAND Europe.
- Manville C, Morgan Jones M, Frearson M, Castle-Clarke S, Henham M-L, Gunashekar S and Grant J (2015b). *Evaluation of Submission Preparation for Impact Assessment REF 2104. Findings and Observations*. Cambridge: RAND Europe.

- Morgan Jones M and Grant J (2013). 'Making the Grade. Methodologies for Assessing and Evidencing Research Impact. 7 Essays on Impact'. DESCRIBE Project Report for Jisc. Dean et al. (eds.), Exeter: University of Exeter, 25-43.
- Morgan Jones M, Castle-Clarke S, Manville C, Gunashekar S and Grant J (2013). *Assessing Research Impact. An International Review of the Excellence in Innovation for Australia Trial*. Cambridge: RAND Europe. Available at: [www.rand.org/content/dam/rand/pubs/research\\_reports/RR200/RR278/RAND\\_RR278.pdf](http://www.rand.org/content/dam/rand/pubs/research_reports/RR200/RR278/RAND_RR278.pdf).
- Morris Z, Wooding S and Grant J (2011). 'The Answer is 17 Years, What is the Question: Understanding Time Lags in Medical Research', *Journal of the Royal Society of Medicine*, 104(12), 510–20.
- National Institute for Health and Clinical Excellence (NICE) (2008). *Guide to the Methods of Technology Appraisal*. London: NICE. O'Neill, Jim (2001). 'Building Better Global Economic BRICs', Global Economics Paper No. 66. Goldman Sachs.
- Oliver K, Innvaer S, Lorenc T, Woodman J and Thomas J (2014). 'A Systematic Review of Barriers to and Facilitators of the Use of Evidence by Policymakers'. *BMC Health Services Research*, 14(2), doi: 10.1186/1472-6963-14-2. Available at: [www.biomedcentral.com/1472-6963/14/2/abstract](http://www.biomedcentral.com/1472-6963/14/2/abstract).
- Peacock J, Harvey L, Barber M, McFadden P, Marceau J, Davey I, Clark P, Fell C, King W, Enright T, Schreuder D and Smith I (2006). *Research Quality Framework. Assessing the quality and impact of research in Australia: Research Impact*. Development Advisory Group for the RQF.
- Technopolis (2010). *REF Research Impact Pilot Exercise Lessons-Learned Project: Feedback on Pilot Submissions: Final report*, November. Available at [www.ref.ac.uk/pubs/refimpactpilotlessons-learnedfeedbackonpilotsubmissions/](http://www.ref.ac.uk/pubs/refimpactpilotlessons-learnedfeedbackonpilotsubmissions/)
- Abrahams D, Pennington A, Scott-Samuel A, Doyle C et al (2004) European Policy Health Impact Assessment (EPHIA): A Guide. IMPACT, University of Liverpool, Liverpool. <http://tinyurl.com/ocmqews>
- Dahlgren G, Whitehead M (1993) Tackling inequalities in health: what can we learn from what has been tried? Working paper prepared for the King's Fund International Seminar on Tackling Inequalities in Health, September 1993, Ditchley Park, Oxfordshire. London, King's Fund, accessible in: Dahlgren G, Whitehead M (2007) European strategies for tackling social inequities in health: Levelling up Part 2. Copenhagen: WHO Regional office for Europe. <http://tinyurl.com/mxmf6x5>
- Dreaves H, Pennington A, Abrahams D (2007) A Health Impact Assessment of Oldham Town Centre Integrated Care Centre. IMPACT, University of Liverpool, Liverpool. <http://tinyurl.com/o6264wk>
- Green J, Thorogood N (2009) *Qualitative Methods for Health Research*, 2nd Edition. Sage Publications, London. <http://preview.tinyurl.com/px7sfc7>

- Health Evidence Bulletins Wales [HEBW] (2008) Quality Assessment Tool – Wales. <http://tinyurl.com/pyleq34>
- Lehto J, Ritsatakis A (1999) Gothenburg consensus paper: Health Impact Assessment main concepts and suggested approach. European Centre for Health Policy, World Health Organisation Regional Office for Europe. <http://tinyurl.com/cth2vt7>
- Medical Research Council [MRC] (2008) Developing and evaluating complex interventions: new guidance. [www.mrc.ac.uk/complexinterventionsguidance](http://www.mrc.ac.uk/complexinterventionsguidance) Medical Research Council [MRC] (2011) Using natural experiments to evaluate population health interventions. MRC, London. [www.mrc.ac.uk/naturalexperimentsguidance](http://www.mrc.ac.uk/naturalexperimentsguidance)
- Metcalfe O, Higgins C, Lavin T (2009) Health Impact Assessment Guidance 2009. The Institute of Public Health in Ireland, Dublin. <http://tinyurl.com/8qmp3uj>
- Pennington A, Dreaves H, Haigh F (2010) A Comprehensive Health Impact Assessment of the City West Housing and Neighbourhood Improvement Programme. IMPACT, University of Liverpool, Liverpool. <http://tinyurl.com/p5gcmgu>
- Fehr, R., Meckel, O. (eds.) (2010): Quantifying the health impacts of policies – Principles, methods, and models. Scientific Expert Workshop, Düsseldorf, Germany, 16 - 17 March 2010. LIGA.NRW. <http://tinyurl.com/bme7j6o>
- Scott-Samuel A, Birley M, Ardern K (2001) The Merseyside Guidelines for Health Impact Assessment, 2nd Edition. IMPACT, University of Liverpool, Liverpool. <http://tinyurl.com/qj89jjq>
- Friedli, L. (2009) Mental health, resilience and inequalities – a report for WHO Europe and the Mental Health Foundation. London/Copenhagen: Mental Health Foundation and WHO Europe. Available at: <http://www.mentalhealth.org.uk/publications/?entryid5=68603>
- Cooke A. & Stansfield J. (2009) Improving Mental Well-being through Impact Assessment: A summary of the development and application of a Mental Well-being Impact Assessment Tool, London: National Mental Health Development Unit. Available at: <http://www.apho.org.uk/resource/item.aspx?RID=76823>
- Harrison, D. et al. (2004) Assets for Health and Development (AHDP) Developing a Conceptual Framework. Copenhagen: World Health Organisation Regional Office for Europe.
- World Health Organisation (2005a) Facing the challenges, Building Solutions. Ministerial Conference on Mental Health. EUR/04/5047810/6. Helsinki/London: World Health Organization. Available at: <http://www.euro.who.int/document/MNH/edoc06.pdf>
- World Health Organisation (2005b) Mental Health Action Plan for Europe: facing the challenges, building solutions. Copenhagen: World Health Organisation.
- Wouters, P. in Beyond Bibliometrics: Harnessing Multidimensional Indicators of Scholarly Impact (eds Cronin, B. & Sugimoto, C.) 47–66 (MIT Press, 2014).
- Shao, J. & Shen, H. Learned Publ. 24, 95–97 (2011).

- Seglen, P. O. Br. Med. J. 314, 498–502 (1997).
- Garfield, E. J. Am. Med. Assoc. 295, 90–93 (2006).
- López Piñeiro, C. & Hicks, D. Res. Eval. 24, 78–89 (2015).
- van Raan, A. F. J., van Leeuwen, T. N., Visser, M. S., van Eck, N. J. & Waltman, L. J. Informetrics 4, 431–435 (2010).
- Waltman, L. et al. J. Am. Soc. Inf. Sci. Technol. 63, 2419–2432 (2012).
- Hirsch, J. E. Proc. Natl Acad. Sci. USA 102, 16569–16572 (2005).
- Bar-Ilan, J. Scientometrics 74, 257–271 (2008).
- Butler, L. Res. Policy 32, 143–155 (2003).
- Zotero library on Research Impact assessment: [https://www.zotero.org/groups/research\\_impact/items](https://www.zotero.org/groups/research_impact/items)
- Acuna DE, Allesina S, Kording KP. 2012. Future impact: Predicting scientific success. *Nature* 489: 201–202.
- Brischoux F, Cook TR. 2009. Juniors seek an end to the impact factor race. *BioScience* 59: 638–639.
- Fischer J, Ritchie EG, Hanspach J. 2012. Academia's obsession with quantity. *Trends in Ecology and Evolution* 27: 473–474.
- Lajtha K, Baveye PC. 2010. How should we deal with the growing peer-review problem? *Biogeochemistry* 101:1–3.
- Lawrence PA. 2007. The mismeasurement of science. *Current Biology* 17: R583–R585.
- Likens GE. 2001. Biogeochemistry, the watershed approach: Some uses and limitations. *Marine Freshwater Research* 52: 5–12.
- McDade LA, Maddison DR, Guralnick R, Piowar HA, Jameson ML, Helgen KM, Herendeen PS, Hill A, Vis ML. 2011. Biology needs a modern assessment system for professional productivity. *BioScience* 61: 619–625.
- McPeck MA, et al. 2009. The golden rule of reviewing. *American Naturalist* 173: E155–E158.
- Smith MF, Eviner VT, Weathers K, Uriarte M, Ewing H, Jeschke JM, Groffman P, Jones CG. 2005. Creating individual awareness about Responsible Conduct in Research: A case study of one institution's approach for researchers and administrators. *Journal of Research Administration* 36: 21–25.
- Nicolaisen J. Citation analysis. *Annu Rev Inf Sci Technol.* 2007;41(1):609–41.
- Kostoff R.N. The use and misuse of citation analysis in research evaluation. *Scientometrics.* 1998 Sep;43(1):27–43.
- Lawani S.M. Citation analysis and the quality of scientific productivity. *BioScience.* 1977 Jan;27(1):26–31.
- Wade N. Citation analysis: a new tool for science administrators. *Science.* 1975 May 2;188(4187):429–32.

- MacRoberts M.H, MacRoberts B.R. Problems of citation analysis. *Scientometrics*. 1996 Jul;36(3):435–44.
- Phelan T.J. A compendium of issues for citation analysis. *Scientometrics*. 1999 May;45(1):117–36.
- Washington University School of Medicine, Department of Ophthalmology and Visual Sciences, Vision Research Coordinating Center. Ocular hypertension treatment study [Internet] St. Louis, MO: The School; 2009. <https://vrcc.wustl.edu>.
- Sieving P.C. The impact of NEI-funded multi-center trials: bibliometric indications of dissemination, acceptance and implementation of trial findings. *Invest Ophthalmol Vis Sci* [Internet] 2007;48 E-abstract 2389.

<http://abstracts.iovs.org/cgi/content/abstract/48/5/2389?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=1&author1=sieving&andorexacttitle=and&andorexacttitleabs=and&andorexactfulltext=and&searchid=1&FIRSTINDEX=0&sortspec=relevance&fdate=2/1/2000&resourcetype=HWCI>.

- W. K. Kellogg Foundation. Logic model development guide [Internet] Battle Creek, MI: The Foundation; 2004. <http://www.wkkf.org/Pubs/Tools/Evaluation/Pub3669.pdf>.
- Lavis J, Ross S, McLeod C, Gildiner A. Measuring the impact of health research. *J Health Serv Res Policy*. 2003 Jul;8(3):165–70.
- Australian Research Council. Excellence in research for Australia (ERA) initiative [Internet] Canberra, Australia: The Council; 2008. [http://www.arc.gov.au/pdf/ERA\\_ConsultationPaper.pdf](http://www.arc.gov.au/pdf/ERA_ConsultationPaper.pdf).
- Canadian Institutes of Health Research. Developing a CIHR framework for measuring the impact of health research: synthesis report of meetings, February 23, 24, and May 18, 2005 [Internet] Ottawa, ON, Canada: The Institutes; 2005. [http://www.cihr-irsc.gc.ca/e/documents/meeting\\_synthesis\\_e.pdf](http://www.cihr-irsc.gc.ca/e/documents/meeting_synthesis_e.pdf).
- Weiss A.P. Measuring the impact of medical research: moving from outputs to outcomes. *Am J Psychiatry*. 2007 Feb;164(2):206–14.
- Trochim W.M, Marcus S.E, Mâsse L.C, Moser R.P, Weld P.C. The evaluation of large research initiatives: a participatory integrative mixed-methods approach. *Am J Eval*. 2008;29(1):8–28.
- Hanney S.R, Grant J, Wooding S, Buxton M.J. Proposed methods for reviewing the outcomes of research: the impact of funding by the UK's Arthritis Research Campaign. *Health Res Policy Syst*. 2004 Jul 23;2(1):4.
- RAND Europe. Measuring the benefits from research [Internet] Cambridge, UK: RAND Europe; 2006. [http://www.rand.org/pubs/research\\_briefs/2007/RAND\\_RB9202.pdf](http://www.rand.org/pubs/research_briefs/2007/RAND_RB9202.pdf)
- Tertiary Education Commission. Performance based research fund (PBRF) [Internet] Wellington, New Zealand: The Commission; 2008. <http://www.tec.govt.nz/templates/standard.aspx?id=588>.

- Kuruvilla S, Mays N, Pleasant A, Walt G. Describing the impact of health research: a research impact framework. BMC Health Serv Res [Internet] 2006 Oct 18;6:134. <http://www.biomedcentral.com/1472-6963/6/134/>
- Kalucy L, McIntyre E, Jackson-Bowers E. Primary health care research impact project: final report stage 1 [Internet] Adelaide, Australia: Flinders University; 2007. [www.phcris.org.au/phplib/filedownload.php?file=/elib/lib/downloaded\\_files/publications/pdfs/phcris\\_pub\\_3338.pdf](http://www.phcris.org.au/phplib/filedownload.php?file=/elib/lib/downloaded_files/publications/pdfs/phcris_pub_3338.pdf).
- Flinders University, Adelaide Department of General Practice, Primary Health Care Research and Information Service. Focus on understanding and measuring research impact [Internet] Adelaide, Australia: The University; 2005. [http://www.phcris.org.au/phplib/filedownload.php?file=/elib/lib/downloaded\\_files/publications/pdfs/phcris\\_pub\\_3236.pdf](http://www.phcris.org.au/phplib/filedownload.php?file=/elib/lib/downloaded_files/publications/pdfs/phcris_pub_3236.pdf).
- Washington University School of Medicine, Bernard Becker Medical Library. Becker Medical Library model for assessment of research impact [Internet] St. Louis, MO: The School; 2009. <http://www.becker.wustl.edu/impact/assessment/>.
- National Institutes of Health. Rare Diseases Clinical Research Consortia (RDCRC) for the Rare Diseases Clinical Research Network (U54) [Internet] Bethesda, MD: The Institutes; 2009. <http://www.grants.nih.gov/grants/guide/rfa-files/RFA-OD-08-001.html>.
- National Institutes of Health. Enhancing peer review: the NIH announces enhanced review criteria for evaluation of research applications received for potential FY2010 funding [Internet] Bethesda, MD: The Institutes; 2009. <http://www.grants.nih.gov/grants/guide/notice-files/NOT-OD-09-025.html>.