

BRM5520 Research Methodology and Advances in Biosciences

View Online



'6 Tips on How Scientists and Engineers Can Excite, Rather than Bore, an Audience | TED Blog'. n.d.
<http://blog.ted.com/6-tips-on-how-scientists-and-engineers-can-excite-rather-than-bore-an-audience/>.

'15 Steps to Good Research | Georgetown University Library'. n.d.
<http://www.library.georgetown.edu/tutorials/research-guides/15-steps>.

'Aberystwyth University - Regulation on Unacceptable Academic Practice'. n.d.
<https://www.aber.ac.uk/en/academic-registry/handbook/regulations/uap/>.

'Aberystwyth University - Research Ethics'. n.d.
<https://www.aber.ac.uk/en/rbi/staff-students/ethics/>.

'Aberystwyth University - Risk Assessment'. n.d.
<http://www.aber.ac.uk/en/hse/proc-prac/risk-assessment/>.

'Admin Panel'. n.d.
<https://www.aber.ac.uk/en/rbi/staff-students/ethics/application/user/login>.

'Agriculture Health and Safety, Farming Industry Help and Advice'. n.d.
<http://www.hse.gov.uk/agriculture/>.

'Animal Research and Testing - GOV.UK'. n.d.
<https://www.gov.uk/government/policies/animal-research-and-testing>.

'Animals (Scientific Procedures) Act 1986'. n.d.
<http://www.legislation.gov.uk/ukpga/1986/14/contents>.

An-Introduction-to-Literature-Reviews.Pdf. n.d.
http://www.aut.ac.nz/__data/assets/pdf_file/0005/360509/An-introduction-to-literature-reviews.pdf.

'Big Pharma - Bad Science'. n.d. <http://www.badsience.net/category/big-pharma/>.

'Critical Reading Techniques - Skills for OU Study - Open University'. n.d.
<http://www2.open.ac.uk/students/skillsforstudy/critical-reading-techniques.php>.

Divan, Aysha. 2009. 'Writing a Research Proposal. In: Divan, A. Communication Skills for the Biosciences: A Graduate Guide'. In Communication Skills for the Biosciences: A

Graduate Guide. Oxford University Press.

<https://contentstore.cla.co.uk/secure/link?id=849636a0-c9d9-e711-80cd-005056af4099>.

'EndNote'. n.d.

<https://www.myendnoteweb.com/EndNoteWeb.html?SID=S2ftb9prNZp1mJCDVTu&returnCode=ROUTER.Success&SrcApp=CR&Init=Yes>.

Experimental-Work-Involving-Animals-at-Aberystwyth-University-En-v-1.Pdf. n.d.

<http://www.aber.ac.uk/en/media/departmental/researchoffice/researchethics-animals/Experimental-work-involving-animals-at-Aberystwyth-University-En-v-1.pdf>.

GEAR 2.1:GEAR - GEAR, Part 2-How to Approach Academic Research.Pdf. n.d.

<http://repository.ruforum.org/sites/default/files/GEAR%2C%20part%202-How%20to%20approach%20academic%20research.pdf>.

'Gene Therapy Researcher Faked Data | The Scientist Magazine®'. n.d.

<http://www.the-scientist.com/?articles.view/articleNo/39825/title/Gene-Therapy-Researcher-Faked-Data/>.

Gratton, Chris, and Ian Jones. 2010. Research Methods for Sports Studies. 2nd ed. Routledge. Electronic resource. Level F; GV706.8.G7.

Guidance_note_-_general_health_and_safety_in_research_laboratories.Pdf. n.d.

http://www2.warwick.ac.uk/services/healthsafetywellbeing/guidance/labs_workshops_store/s/guidance_note_-_general_health_and_safety_in_research_laboratories.pdf.

H. Charles J. Godfray. 2010. 'Food Security: The Challenge of Feeding 9 Billion People'. Science 327 (5967): 812–18. <http://www.jstor.org/stable/40509896>.

Holmes, D., P. Moody, and D. Dine. 2011. Research Methods for the Biosciences. 2nd ed. Oxford University Press.

'How Simple Ideas Lead to Scientific Discoveries - Adam Savage | TED-Ed'. n.d.

<http://ed.ted.com/lessons/how-simple-ideas-lead-to-scientific-discoveries>.

HSE Bookfinder - Manhdng_farms-As23rev.Pdf. n.d.

http://www.aber.ac.uk/en/media/departmental/healthsafetyenvironment/manhdng_farms-as23rev.pdf.

'[Http://Www.Ruforum.Org/Sites/Default/Files/GEAR/Chapters/GEAR_1.2.Pdf](http://Www.Ruforum.Org/Sites/Default/Files/GEAR/Chapters/GEAR_1.2.Pdf)'. n.d.

'Improving Your Reading Skills'. n.d.

http://studyskills.bangor.ac.uk/study%20guides/improve_reading_skills.php.en.

INDG163 - Five Steps to Risk Assessment - Indg163(v2).Pdf. n.d.

[http://www.aber.ac.uk/en/media/departmental/healthsafetyenvironment/riskassessment/indg163\(v2\).pdf](http://www.aber.ac.uk/en/media/departmental/healthsafetyenvironment/riskassessment/indg163(v2).pdf).

Khush, Gurdev S. 2001. 'TIMELINE: Green Revolution: The Way Forward'. Nature Reviews Genetics 2 (10): 815–22. <https://doi.org/10.1038/35093585>.

LibGuides: Selecting a Research Topic: Overview. n.d.
<http://libguides.mit.edu/c.php?g=175961&p=1160010>.

'Literature Review - OWLL - Massey University'. n.d.
<http://owll.massey.ac.nz/assignment-types/literature-review.php>.

'Literature Review (Review of Related Literature - Research Methodology)'. n.d.
http://www.slideshare.net/dilipbarad/literature-review-review-of-related-literature-research-methodology?next_slideshow=1.

Mark Tester. 2010. 'Breeding Technologies to Increase Crop Production in a Changing World'. *Science* 327 (5967): 818–22. <http://www.jstor.org/stable/40509897>.

'Moral Obligations of Researchers in the Natural Sciences | Environmental Research in Delaware'. n.d.
<http://www.epscor.udel.edu/moral-obligations-of-researchers-in-the-natural-sciences>.

Muir-Leresche, K., and R Coe. n.d. 'Your Research Proposal – Hypotheses, Objectives and Research Questions'. In *GEAR, Graduate Environmental and Agricultural Research: A Guide to Effective and Relevant Graduate Research in Africa*, edited by K Muir-Leresche, R Coe, and Adipala Ekwamu. <http://www.ruforum.org/sites/default/files/GEAR/menu/>.

'Naomi Oreskes: Why We Should Trust Scientists | TED Talk Subtitles and Transcript | TED.Com'. n.d.
http://www.ted.com/talks/naomi_oreskes_why_we_should_believe_in_science/transcript.

'Note Making'. n.d. <http://studyskills.bangor.ac.uk/study%20guides/note-making.php.en>.

Organisation for Economic Co-operation and Development. 2002a. *Frascati Manual 2002: Proposed Standard Practice for Surveys on Research and Experimental Development: The Measurement of Scientific and Technological Activities, Proposed Standard Practice for Surveys on Research and Experimental Development*. Organisation for Economic Co-operation and Development.

Organisation for Economic Co-operation and Development. 2002b. *Frascati Manual 2002: Proposed Standard Practice for Surveys on Research and Experimental Development: The Measurement of Scientific and Technological Activities, Proposed Standard Practice for Surveys on Research and Experimental Development*. Organisation for Economic Co-operation and Development.

'Oxford University Press | Online Resource Centre | Holmes, Moody & Dine: Research Methods for the Biosciences 2e'. n.d.
http://global.oup.com/uk/orc/biosciences/exp_design/holmes2e/.

Pete Smith, Daniel Martino, Zucong Cai, Daniel Gwary, Henry Janzen, Pushpam Kumar, Bruce McCarl, Stephen Ogle, Frank O'Mara, Charles Rice, Bob Scholes, Oleg Sirotenko, Mark Howden, Tim McAllister, Genxing Pan, Vladimir Romanenkov, Uwe Schneider, Sirintornthep Towprayoon, Martin Wattenbach and Jo Smith. 2008. 'Greenhouse Gas Mitigation in Agriculture'. *Philosophical Transactions: Biological Sciences* 363 (1492): 789–813. http://www.jstor.org/stable/20208468?seq=1#page_scan_tab_contents.

'Planning a Dissertation Research Project'. n.d.-a.
http://studyskills.bangor.ac.uk/study%20guides/dissertation_project.php.en.

'Planning a Dissertation Research Project'. n.d.-b.
http://studyskills.bangor.ac.uk/study%20guides/dissertation_project.php.en.

'References and Bibliographies'. n.d.
http://studyskills.bangor.ac.uk/study%20guides/referencing_bibliographies.php.en.

Resnik, David B. 1998. *The Ethics of Science: An Introduction*. Routledge.

Rugg, Gordon, Marian Petre, and ebrary, Inc. 2007. *A Gentle Guide to Research Methods*. Open University Press. Electronic resource.
<http://site.ebrary.com/lib/aber/Doc?id=10197031>.

Shamoo, Adil E., David B. Resnik, and ebrary, Inc. 2009. *Responsible Conduct of Research*. 2nd ed. Oxford University Press. Electronic resource.
<http://site.ebrary.com/lib/aber/Doc?id=10279031>.

Stoate, C., A. Báldi, P. Beja, et al. 2009. 'Ecological Impacts of Early 21st Century Agricultural Change in Europe – A Review'. *Journal of Environmental Management* 91 (1): 22–46. <https://doi.org/10.1016/j.jenvman.2009.07.005>.

'What Is Critical Reading?' n.d.
http://studyskills.bangor.ac.uk/study%20guides/critical_reading.php.en.

'What Is Ethics in Research & Why Is It Important?' n.d.
<http://www.niehs.nih.gov/research/resources/bioethics/whatis/>.

Wilson, E. Bright. 1952. *An Introduction to Scientific Research*. McGraw-Hill paperbacks. McGraw-Hill.

Wilson, Edward O. 2013. *Consilience: The Unity of Knowledge*. Abacus.