

# MSc Psychiatric Research: Advance Reading List

## Overview

We look forward to welcoming you to the MSc in Psychiatric Research in September. This is a list of suggested texts to help you prepare in advance for the MSc and get a feel for the course content. These are just suggestions to begin to give you a feel for the types of topics that will be covered during the course. There is no expectation that you read (or understand) them at this stage.

After you enrol at KCL in September you will have full access to our library services, which includes accessing articles and text-books free of charge. Most of the articles listed below are freely available online in full text.

During the MSc, we mainly refer to research articles that have been published in peer review journals, rather than to textbooks. However, there are a couple of textbooks that you may find helpful, particularly in the Term 1 Research Methods, Ethics and Statistics module, and when analysing data during your dissertation project. These are as follows:

1. Field, A. (2013) *Discovering statistics using IBM SPSS Statistics*. Sage.
2. Prince, M., Stewart, R., Ford, T., Hotopf, M (Eds) (2003). *Practical Psychiatric Epidemiology*. Oxford University Press.

## Research Methods and Statistics in Mental Health (Term 1)

1. Moriarty, Jo (2011) *Qualitative methods overview*. Methods review (1). NIHR School for Social Care Research, London, UK. ISBN 978085284550. Available at: <http://eprints.lse.ac.uk/41199/>
2. Greenhalgh, T. How to read a paper. Getting your bearings (deciding what the paper is about). *BMJ* 1997 Jul 26;315(7102):243-6. Available at: <https://pubmed.ncbi.nlm.nih.gov/9253275/>
3. Greenhalgh, T. Assessing the methodological quality of published papers. *BMJ*. 1997 Aug 2;315(7103):305-8. Available at: <https://pubmed.ncbi.nlm.nih.gov/9274555/>
4. Greenhalgh, T. How to read a paper. Statistics for the non-statistician. II: "Significant" relations and their pitfalls. *BMJ* 1997 Aug 16;315(7105):422-5. Available at: <https://pubmed.ncbi.nlm.nih.gov/9277611/>
5. Oliver, P. (2010). Introduction: ethics and research. In *The student's guide to research ethics* (pp. 3-25). Maidenhead, UK: McGraw-Hill Education.
6. O'Neill, O. (2003). Some limits of informed consent. *Journal of Medical Ethics*, 29(1), 4-7. Available at: <https://pubmed.ncbi.nlm.nih.gov/12569185/>

## Therapeutic Research in Psychiatry (Term 2)

1. Article from the Medical Research Council (MRC) UK on translating research from

bed to bedside: <https://mrc.ukri.org/news/blog/bridging-translation-research-gap/>

2. A Brief History of Psychiatric Drug Development by Dr Hugh Marston posted on the British Association for Psychopharmacology website.  
<https://www.bap.org.uk/articles/a-brief-history-of-psychiatric-drug-development/>
3. Weissman MM, Brown AS, Talati A. Translational epidemiology in psychiatry: linking population to clinical and basic sciences. *Arch Gen Psychiatry*. 2011 Jun;68(6):600-8. Available at: <https://pubmed.ncbi.nlm.nih.gov/21646577/>
4. Callard F, Rose D, Wykes T. Close to the bench as well as at the bedside: involving service users in all phases of translational research. *Health Expect*. 2012 Dec;15(4):389-400. Available at: <https://pubmed.ncbi.nlm.nih.gov/21615638/>
5. Woolf, S.H. The meaning of translational research and why it matters. *JAMA*. 2008;299(2):211-213. Available at: <http://jama.jamanetwork.com/article.aspx?articleid=1149350>
6. Insel TR. (2009) Translating scientific opportunity into public health impact: a strategic plan for research on mental illness. *Arch Gen Psychiatry* 66(2): 128-133. Available at <http://archpsyc.jamanetwork.com/article.aspx?articleid=210235>.

#### Biological Psychiatry (Term 2)

1. McLaughlin et al., Childhood Adversity and Neural Development: A Systematic Review. *Annu Rev Dev Psychol*. 2019 Dec;1:277-312. Available at: <https://pubmed.ncbi.nlm.nih.gov/32455344/>
2. Thompson PM et al., ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. *Transl Psychiatry*. 2020 Mar 20;10(1):100. Available at: <https://pubmed.ncbi.nlm.nih.gov/32198361/>
3. Musci RJ, Augustinavicius JL, Volk H. Gene-Environment Interactions in Psychiatry: Recent Evidence and Clinical Implications. *Curr Psychiatry Rep*. 2019 Aug 13;21(9):81. Available at: <https://pubmed.ncbi.nlm.nih.gov/31410638/>
4. Visscher PM, Wray NR, Zhang Q, Sklar P, McCarthy MI, Brown MA, Yang J. 10 Years of GWAS Discovery: Biology, Function, and Translation. *Am J Hum Genet*. 2017 Jul 6;101(1):5-22. Available at: <https://pubmed.ncbi.nlm.nih.gov/28686856/>
5. Khandaker GM, Dantzer R, Jones PB. Immunopsychiatry: important facts. *Psychol Med*. 2017 Oct;47(13):2229-2237. Available at: <https://pubmed.ncbi.nlm.nih.gov/28418288/>
6. Hargreaves RJ, Rabiner EA. Translational PET imaging research. *Neurobiol Dis*. 2014 Jan;61:32-8. Available at: <https://pubmed.ncbi.nlm.nih.gov/24055214/>