

Week	Date	SAGE Lecture(s)	Reading	Presenter: Topic	Assignment
1	3/31/2014	[None]		Introduction	Please remember to bring to future seminars: 1) a question about the reading or SAGE lecture 2) an insight about how you can address or did address the topic in your own research OPTL: potential solution to the problems under discussion
2	4/7/2014	Gerd Gigerenzer: Homo Heuristicus: Rationality for Mortals Lorraine Daston (Thursday): What Is a Rule? A Short History, from Monastic Orders to Algorithms	Henrich, J., Heine, S.J., & Norenzayan, A. (2010). The weirdest people in the world? Behavioral and Brain Sciences 33, 61-135. [includes commentaries & reply]	Matt: W.E.I.R.D. samples	
3	4/14/2014	Gerd Gigerenzer: Better Doctors, Better Patients, Better Health Care	Woolf (2008). The meaning of translational research and why it matters. JAMA 299(2), 211-3 Mann & Mochly-Rosen (2013). Translational medicine: mitigating risks for investigators. Nature Reviews Drug Discoveries 12, 327-8	Rebecca: Translational Medicine	for 2) think about the applications of your own research. What are possible benefits for society, which steps are crucial to realize that potential, and what are possible pitfalls?
4	4/21/2014	Gerd Gigerenzer: Risk Savvy: How to Make Good Decisions	Ioannidis, J.P.A. (2005). Why Most Published Research Findings Are False. PLoS Med 2(8): e124. Pashler, H., & Harris, C. R. (2012). Is the replicability crisis overblown? Three arguments examined. Perspectives on Psychological Science, 7(6), 531-536. Simons, D. J. (2014). The Value of Direct Replication. Perspectives on Psychological Science, 9(1), 76-80.	Margaret: Reproducibility	
5	4/28/2014	[None]	Pinker, S. (2013, August 6). Science Is Not Your Enemy: An impassioned plea to neglected novelists, embattled professors, and tenure-less historians. New Republic. Wieseltier, L. (2013, September 3). Crimes Against Humanities: Now science wants to invade the liberal arts. Don't let it happen. New Republic. Gutting, G. (2013, September 18). Science's Humanities Gap. The New York Times.	Rebecca/Margaret: Issues in Arts	for 1) on what points do you agree or disagree with the points raised in the discussion? for 2) how might insight from the humanities inform your own research?
6	5/5/2014	Larry Swanson: Organization of the Neural System Controlling Motivation and Emotion	Niemelä, P. T., & Dingemanse, N. J. (2014). Artificial environments and the study of 'adaptive' personalities. Trends in Ecology & Evolution. In Press Mery, F. (2013). Natural variation in learning and memory. Current opinion in neurobiology, 23(1), 52-56. http://mechanism.ucsd.edu/teaching/fl13/cs200/Mery%20review.pdf	Corina: Lab vs field	for 1) how much can we understand about motivation and emotion in the lab? for 2) why did you choose the lab or the field for your experiments? Is there a way you could introduce a more naturalistic environment or more control?
7	5/12/2014	Art Toga: Mapping the Brain of Mice and Man in Health and Disease	Preuss & Roberts preprint in Cognitive Neuroscience (Corina will email it to you)	Corina: Model organisms	
8	5/19/2014	Antonio Damasio: TBD	Schilbach, L. et al. (2013). Toward a second-person neuroscience. Behavioral and Brain Sciences 36, 393-462. [includes commentaries & reply]	Matt: 2nd Person Neuroscience	
9	5/26/2014	Paul Thompson (Tuesday): The ENIGMA Project: Investigating Brain Diseases with Imaging and Genetics in 26,000 People		Memorial Day, no class? - OR- All: Big Data	
10	6/2/2014	Michael Graziano: Consciousness and the Social Brain	FINAL PROJECT: write a 1-2 page report about how issues of validity arise in your own research and discuss how you could improve external validity, generalizability, and/or reproducibility (email it to two other classmates by 26 May and bring a printed version to class today for discussion)	Peer review of reports in small groups	