

PSYC3209: Cognitive Neuroscience

This reading list belongs to the advanced undergraduate level Psychology course named "Cognitive Neuroscience" (PSYC3209). The course is also taken by Masters students (PSYCG209/PSYCM209). The associated Moodle page is <https://moodle.ucl.ac.uk/course/view.php?id=22137>

[View Online](#)



1

Cognitive Neuroscience: The Biology of the Mind, W. W. Norton & Company; 5th International student edition edition (5 Nov 2013).

2

Michael S. Gazzaniga, et al, in Cognitive neuroscience: the biology of the mind, W.W. Norton, New York, 4th ed., International student ed., 2014, pp. 22-79.

3

Gazzaniga, Ivry and Mangun., in A brief history of cognitive neuroscience. Chapter 1 in Cognitive Neuroscience: The Biology of the Mind [Paperback], W. W. Norton & Company; 5th International student edition edition (5 Nov 2013), pp. 2-21.

4

F. Rösler and C. Ranganath, in Neuroimaging of Human MemoryLinking cognitive processes to neural systems, Oxford University Press, 2009, pp. 15-24.

5

S. M. Kosslyn, .

6

Neuroimaging: Separating the Promise from the Pipe Dreams - Dana Foundation,
<https://www.dana.org/article/neuroimaging-separating-the-promise-from-the-pipe-dreams/>.

7

C. Klein, Philosophy Compass, 2010, **5**, 186–198.

8

9

J. M. Moran and J. Zaki, Journal of Cognitive Neuroscience, 2013, **25**, 834–842.

10

T. E. J. Behrens, P. Fox, A. Laird and S. M. Smith, Trends in Cognitive Sciences, 2013, **17**, 2–4.

11

Michael S. Gazzaniga, et al, in Methods of cognitive neuroscience. The Biology of the Mind, W. W. Norton & Company; 4th International student edition edition (5 Nov 2013), pp. 72–123.

12

P. A. Bandettini, Annals of the New York Academy of Sciences, 2009, **1156**, 260–293.

13

M. E. Raichle, Trends in Neurosciences, 2009, **32**, 118–126.

14

Johnsrude, I., & Hauk, O., Oxford University Press in association with the Open University,

Oxford, 2005.

15

MIT Press (18 Sep 2009).

16

N. K. Logothetis, *Nature*, 2008, **453**, 869–878.

17

M. D. Rugg and S. L. Thompson-Schill, *Perspectives on Psychological Science*, 2013, **8**, 84–87.

18

G. Gratton and M. Fabiani, *Trends in Cognitive Sciences*, 2001, **5**, 357–363.

19

M. Reite, P. Teale and D. C. Rojas, *Biological Psychiatry*, 1999, **45**, 1553–1563.

20

G. Rippon, MIT Press (18 Sep 2009).

21

Coles, Michael G. H. and Rugg, M. D., Event-related brain potentials: an introduction. Chapter 1 in *Electrophysiology of mind: event-related brain potentials and cognition*, Oxford University Press, Oxford, 1995, vol. Oxford psychology series.

22

D. Cyranoski, *Nature*, 2011, **469**, 148–149.

23

V. Walsh and A. Cowey, Trends in Cognitive Sciences, 1998, **2**, 103–110.

24

A. Priori, Clinical Neurophysiology, 2003, **114**, 589–595.

25

G. Thut and C. Miniussi, Trends in Cognitive Sciences, 2009, **13**, 182–189.

26

R. POLDRACK, Trends in Cognitive Sciences, 2006, **10**, 59–63.

27

M. J. Weber and S. L. Thompson-Schill, Journal of Cognitive Neuroscience, 2010, **22**, 2415–2416.

28

A. L. Benton, Annual Review of Psychology, 1994, **45**, 1–23.

29

W. W. Norton & Company; 4th International student edition edition (5 Nov 2013).

30

M. S. Gazzaniga, R. B. Ivry and G. R. Mangun, in Cognitive Neuroscience: The Biology of the Mind, W. W. Norton & Company; 4th International student edition, 2014.

31

J. T. Devlin and K. E. Watkins, *Brain*, 2007, **130**, 610–622.

32

K. J. Duncan, C. Pattamadilok and J. T. Devlin, *Journal of Cognitive Neuroscience*, 2010, **22**, 739–750.

33

A. T. Sack, *Current Opinion in Neurobiology*, 2006, **16**, 593–599.

34

M. Seyal, B. Mull, N. Bhullar, T. Ahmad and B. Gage, *Clinical Neurophysiology*, 1999, **110**, 424–429.

35

V. Walsh, *Trends in Cognitive Sciences*, 2003, **7**, 483–488.

36

M. Cappelletti, R. Chamberlain, E. D. Freeman, R. Kanai, B. Butterworth, C. J. Price and G. Rees, *Journal of Cognitive Neuroscience*, 2013, 1–14.

37

D. Bueti and V. Walsh, *Philosophical Transactions of the Royal Society B: Biological Sciences*, 2009, **364**, 1831–1840.

38

B. M. Harvey, B. P. Klein, N. Petridou and S. O. Dumoulin, *Science*, 2013, **341**, 1123–1126.

39

M. D. Mauk and D. V. Buonomano, Annual Review of Neuroscience, 2004, **27**, 307–340.

40

B. Butterworth and V. Walsh, Current Biology, 2011, **21**, R618–R621.

41

M. S. Gazzaniga, R. B. Ivry and G. R. Mangun, in Cognitive Neuroscience: The Biology of the Mind, W. W. Norton & Company; 4th International student edition, 2014.

42

S. Corkin, Nature Reviews Neuroscience, 2002, **3**, 153–160.

43

H. Kim, NeuroImage, 2011, **54**, 2446–2461.

44

K. A. Paller and A. D. Wagner, Trends in Cognitive Sciences, 2002, **6**, 93–102.

45

M. R. Uncapher and A. D. Wagner, Neurobiology of Learning and Memory, 2009, **91**, 139–154.

46

N. Cohen, L. Pell, M. G. Edelson, A. Ben-Yakov, A. Pine and Y. Dudai, Neuroscience & Biobehavioral Reviews, , DOI:10.1016/j.neubiorev.2014.11.002.

47

G. Galli, A. D. Gebert and L. J. Otten, *Cortex*, 2013, **49**, 2239–2248.

48

M. J. Gruber and L. J. Otten, *Journal of Neuroscience*, 2010, **30**, 9793–9800.

49

H. Park and M. D. Rugg, *Hippocampus*, 2009, NA-NA.

50

M. S. Gazzaniga, R. B. Ivry and G. R. Mangun, in *Cognitive Neuroscience: The Biology of the Mind*, W. W. Norton & Co.; 4th International student edition, 2014.

51

S. J. Gilbert and P. W. Burgess, *Current Biology*, 2008, **18**, R110–R114.

52

A. Bechara, H. Damasio and A. Damasio, *Cerebral Cortex*, 2000, **10**, 295–307.

53

J. Duncan, *Nature Reviews Neuroscience*, 2001, **2**, 820–829.

54

E. K. Miller and J. D. Cohen, *Annual Review of Neuroscience*, 2001, **24**, 167–202.

55

P. Burgess, N. Alderman, E. Volle, R. Benoit and S. Gilbert, *Restorative Neurology and Neuroscience*, 2009, **27**, 493–506.

56

S. J. Gilbert, G. Bird, R. Brindley, C. D. Frith and P. W. Burgess, *Neuropsychologia*, 2008, **46**, 2281–2291.

57

S. J. Gilbert, S. Spengler, J. S. Simons, J. D. Steele, S. M. Lawrie, C. D. Frith and P. W. Burgess, *Journal of Cognitive Neuroscience*, 2006, **18**, 932–948.

58

N. Ramnani and A. M. Owen, *Nature Reviews Neuroscience*, 2004, **5**, 184–194.

59

J. S. Verhoeven, P. Cock, L. Lagae and S. Sunaert, *Neuroradiology*, 2010, **52**, 3–14.

60

S. J. White, U. Frith, J. Rellecke, Z. Al-Noor and S. J. Gilbert, *Neuropsychologia*, 2014, **56**, 17–25.

61

S. J. White, *Journal of Autism and Developmental Disorders*, 2013, **43**, 114–121.

62

U. Frith and F. Happé, *Current Biology*, 2005, **15**, R786–R790.

63

R. Adolphs, *Nature Reviews Neuroscience*, 2003, **4**, 165–178.

64

M. D. Rugg and K. L. Vilberg, *Current Opinion in Neurobiology*, 2013, **23**, 255–260.

65

S. Duverne, S. Motamedinia and M. D. Rugg, *Journal of Cognitive Neuroscience*, 2009, **21**, 1–17.

66

J. B. Hutchinson, M. R. Uncapher and A. D. Wagner, *Learning & Memory*, 2009, **16**, 343–356.

67

L. R. Squire, C. E. L. Stark and R. E. Clark, *Annual Review of Neuroscience*, 2004, **27**, 279–306.

68

M. D. Rugg and E. L. Wilding, *Trends in Cognitive Sciences*, 2000, **4**, 108–115.

69

M. S. Gazzaniga, R. B. Ivry and G. R. Mangun, in *Cognitive Neuroscience: The Biology of the Mind*, W. W. Norton & Company; 4th International student edition, 2014.

70

Decision making. Chapter 24 of *Principles of cognitive neuroscience*, Sinauer Associates, Sunderland, Mass, 2008.

71

I. Levy, S. C. Lazzaro, R. B. Rutledge and P. W. Glimcher, *Journal of Neuroscience*, 2011, **31**, 118–125.

72

A. Rangel, C. Camerer and P. R. Montague, *Nature Reviews Neuroscience*, 2008, **9**, 545–556.

73

V. K. Lee and L. T. Harris, *Frontiers in Neuroscience*, , DOI:10.3389/fnins.2013.00259.