

PY3604 - The Cognitive Neuroscience of Consciousness

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The assigned reading for every week will be posted on Blackboard learn. This will normally comprise material from the main textbook (Blackmore's *Consciousness: An Introduction*, 2nd edition) as well as additional material (such as journal articles, or book chapters from the "Recommended" section below. Once you choose your essay topic, the additional "Extended" list will prove useful for identifying some relevant sources. I hope you enjoy the reading.

Dr Noam Sagiv

1.

Blackmore, Susan J. *Consciousness: An Introduction*. (Hodder Education, London, 2010).

2.

Frith, Christopher D. *Making up the Mind: How the Brain Creates Our Mental World*. (Blackwell Pub, Malden, MA, 2007).

3.

Revonsuo, Antti. *Consciousness: The Science of Subjectivity*. (Psychology Press, Hove, East Sussex [England], 2010).

4.

Velmans, Max & Schneider, Susan. *The Blackwell Companion to Consciousness*. (Blackwell, Malden, Mass, 2007).

5.

Feinberg, Todd E. & Keenan, Julian Paul. *The Lost Self: Pathologies of the Brain and Identity*. (Oxford University Press, New York, 2005).

6.

Laureys, S. The Boundaries of Consciousness: Neurobiology and Neuropathology. vol. Progress in brain research (Elsevier, Amsterdam, 2005).

7.

Baars, Bernard J., Banks, William P., & Newman, James B. Essential Sources in the Scientific Study of Consciousness. (MIT Press, Cambridge, Mass, 2003).

8.

Blackmore, Susan J. Conversations on Consciousness. (Oxford University Press, Oxford, 2006).

9.

The Oxford Companion to Consciousness. (Oxford University Press, Oxford, United Kingdom, 2014).

10.

Zelazo, Philip David, Moscovitch, Morris, & Thompson, Evan. The Cambridge Handbook of Consciousness. (Cambridge University Press, Cambridge, 2007).

11.

Banks, W. P. Encyclopedia of Consciousness: Volume 1: A-L. (Academic Press, Oxford, 2009).

12.

Banks, William P. Encyclopedia of Consciousness: Volume 2: M-Z. (Academic Press, Oxford, 2009).

13.

Dennett, Daniel C. *Consciousness Explained*. (Penguin, London, 1993).

14.

Searle, John R., Dennett, Daniel C., & Chalmers, David John. *The Mystery of Consciousness*. (Granta, London, 1998).

15.

Koch, Christof. *The Quest for Consciousness: A Neurobiological Approach*. (Roberts and Co, Denver, Colo, 2004).

16.

Solms, Mark & Turnbull, Oliver. *The Brain and the Inner World: An Introduction to the Neuroscience of Subjective Experience*. (Karnac, London, 2003).

17.

Ornstein, Robert E. *The Psychology of Consciousness*. vol. Pelican books (Penguin/Arkana, Harmondsworth, 1986).

18.

Baars, Bernard J. & Gage, Nicole M. *Cognition, Brain, and Consciousness: Introduction to Cognitive Neuroscience*. (Academic Press/Elsevier, Burlington, MA, 2010).

19.

Rose, David. *Consciousness: Philosophical, Psychological and Neural Theories*. (Oxford University Press, Oxford, 2006).

20.

Block, Ned Joel, Flanagan, Owen J., & Gèuzeldere, Gèuven. *The Nature of Consciousness: Philosophical Debates*. (MIT Press, Cambridge, Mass, 1997).

21.

Pinker, S. The Sense of Style: The Thinking Person's Guide to Writing in the 21st Century. (Allen Lane, London, 2014).

22.

Fodor, Jerry A. The mind-body problem. (1980).

23.

Noë, Alva & Thompson, Evan. Vision and Mind: Selected Readings in the Philosophy of Perception. (MIT Press, Cambridge, Mass, 2002).

24.

Lycan, W. G. Mind and Cognition: An Anthology. vol. Blackwell philosophy anthologies (Blackwell Publishers, Oxford, 1999).

25.

Dennett, Daniel C. Consciousness Explained. (Penguin, London, 1993).

26.

Gray, Jeffrey Alan. Consciousness: Creeping up on the Hard Problem. (Oxford University Press, Oxford, 2004).

27.

Velmans, Max. Understanding Consciousness. (Routledge, London, 2009).

28.

Chalmers, D. J. The Conscious Mind: In Search of a Fundamental Theory. vol. Philosophy of mind series (Oxford University Press, New York, 1996).

29.

Chalmers, David John. *Philosophy of Mind: Classical and Contemporary Readings*. (Oxford University Press, New York, 2002).

30.

Shear, J. *Explaining Consciousness: The 'Hard Problem'*. (MIT Press, Cambridge, Mass, 1997).

31.

Bock, Gregory R., Marsh, Joan, Ciba Foundation, & Symposium on Experimental and Theoretical Studies of Consciousness. *Experimental and Theoretical Studies of Consciousness*. vol. Ciba Foundation symposium (Wiley, Chichester, 1993).

32.

Davies, Martin & Humphreys, Glyn W. *Consciousness: Psychological and Philosophical Essays*. vol. Readings in mind and language (Blackwell, Oxford, 1993).

33.

Jackendoff, Ray & British Psychological Society. *Consciousness and the Computational Mind*. vol. Explorations in cognitive science (MIT Press in association with the British Psychological Society, London, 1987).

34.

Baars, Bernard J. *A Cognitive Theory of Consciousness*. (Cambridge University Press, Cambridge, 1988).

35.

Marcel, A. J. & Bisiach, E. *Consciousness in Contemporary Science*. (Clarendon Press, Oxford, 1988).

36.

Humphrey, Nicholas. *A History of the Mind*. (Vintage, London, 1993).

37.

Weiskrantz, Lawrence. *Blindsight: A Case Study and Implications*. vol. Oxford psychology series (Clarendon, Oxford, 1998).

38.

Velmans, M. *The Science of Consciousness: Psychological, Neuropsychological and Clinical Reviews*. (Routledge, London, 1996).

39.

Searle, John R., Dennett, Daniel C., & Chalmers, David John. *The Mystery of Consciousness*. (Granta, London, 1998).

40.

Simons, Daniel J. *Change Blindness and Visual Memory*. (Psychology Press, Hove, East Sussex, 2000).

41.

Journal of intelligent systems. (1987).

42.

Crick, Francis. *The Astonishing Hypothesis: The Scientific Search for the Soul*. (Simon & Schuster, London, 1994).

43.

Hofstadter, Douglas R. & Dennett, Daniel C. *The Mind's I: Fantasies and Reflections on Self and Soul*. (Harvester Press, Brighton, 1981).

44.

Gallagher, S. & Zahavi, D. *The Phenomenological Mind: An Introduction to Philosophy of Mind and Cognitive Science*. (Routledge, Abingdon, 2007).

45.

V. S. Ramachandran and D. Rogers-Ramachandran. Synaesthesia in phantom limbs induced with mirrors. *Proceedings of the Royal Society. B, Biological sciences* **263**, 377–386 (1996).

46.

Ramachandran, V. S. & Blakeslee, Sandra. *Phantoms in the Brain: Probing the Mysteries of the Human Mind*. (William Morrow, New York, 1998).

47.

Cardeña, Etzel, Lynn, Steven J., & Krippner, Stanley. *Varieties of Anomalous Experience: Examining the Scientific Evidence*. (American Psychological Association, Washington, DC, 2000).

48.

James, William & Marty, Martin E. *The Varieties of Religious Experience: A Study in Human Nature*. vol. The Penguin American library (Penguin, New York, 1982).

49.

Robertson, Lynn C. & Sagiv, Noam. *Synesthesia: Perspectives from Cognitive Neuroscience*. (Oxford University Press, Oxford, 2005).

50.

Shanon, Benny. *The Antipodes of the Mind: Charting the Phenomenology of the Ayahuasca Experience*. (Oxford University Press, Oxford, 2002).

51.

Cytowic, Richard E. The Man Who Tasted Shapes. (MIT press, London, 2003).

52.

Cytowic, R. E. Synesthesia: A Union of the Senses. vol. A Bradford book (MIT, Cambridge, Mass, 2002).

53.

Cytowic, R. E. & Eagleman, D. Wednesday Is Indigo Blue: Discovering the Brain of Synesthesia. (MIT, Cambridge, Mass, 2009).

54.

Ward, J. The Frog Who Croaked Blue: Synesthesia and the Mixing of the Senses. (Routledge, London, 2008).

55.

Dehaene, Stanislas. The Cognitive Neuroscience of Consciousness. vol. Cognition special issues (MIT Press, Cambridge, Mass, 2001).

56.

Revonsuo, Antti. Inner Presence: Consciousness as a Biological Phenomenon. (MIT Press, Cambridge, Mass, 2006).

57.

Ward, J. The Student's Guide to Cognitive Neuroscience. (Psychology Press, Taylor & Francis Group, London, 2015).

58.

Rose, Steven. From Brains to Consciousness?: Essays on the New Sciences of the Mind. (Allen Lane, the Penguin Press, London, England, 1998).

59.

Damasio, Antonio R. *Descartes' Error: Emotion, Reason and the Human Brain*. (Vintage, London, 2006).

60.

Damasio, Antonio R. *The Feeling of What Happens: Body, Emotion and the Making of Consciousness*. (Vintage, London, 2000).

61.

Weiskrantz, Lawrence. *Consciousness Lost and Found: A Neuropsychological Exploration*. (Oxford University Press, Oxford, 1997).

62.

McCrone, John. *Going inside: A Tour around a Single Moment of Consciousness*. (faber and faber, London, 1999).

63.

Taylor, John Gerald. *The Race for Consciousness*. (MIT Press, Cambridge, Mass, 1999).

64.

Marcel, A. J. & Bisiach, E. *Consciousness in Contemporary Science*. (Clarendon Press, Oxford, 1988).

65.

Velmans, M. *The Science of Consciousness: Psychological, Neuropsychological and Clinical Reviews*. (Routledge, London, 1996).

66.

Hobson, J. Allan. *Consciousness*. vol. The Scientific American Library series (Scientific American Library, New York, 1999).

67.

Velmans, M. The Science of Consciousness: Psychological, Neuropsychological and Clinical Reviews. (Routledge, London, 1996).

68.

Sacks, Oliver. The Man Who Mistook His Wife for a Hat. (Picador, London, 1986).

69.

Campbell, Ruth. Mental Lives: Case Studies in Cognition. (Blackwell Publishers, Oxford, 1992).

70.

Campbell, Ruth & Conway, Martin A. Broken Memories: Case Studies in Memory Impairment. (Blackwell, Oxford, 1995).

71.

Macphail, E. M. The Evolution of Consciousness. (Oxford University Press, Oxford, 1998).

72.

Baron-Cohen, Simon. Mindblindness: An Essay on Autism and Theory of Mind. vol. Learning, development, and conceptual change (MIT Press, Cambridge, Mass, 1995).

73.

Edelman, Gerald M. Wider than the Sky: The Phenomenal Gift of Consciousness. (Yale University Press, New Haven [Conn.], 2004).

74.

Kozulin, Alex. Vygotsky's Psychology: A Biography of Ideas. (Harvard University Press, Cambridge, Mass, 1999).

75.

Perner, Josef. Understanding the Representational Mind. vol. Learning, development, and conceptual change (MIT Press, Cambridge, Mass, 1991).

76.

Frith, C. D. The Cognitive Neuropsychology of Schizophrenia. vol. Essays in cognitive psychology (Lawrence Erlbaum, Hove, 1992).

77.

Frith, Uta. Autism: Explaining the Enigma. (Blackwell Pub, New York, 2003).

78.

Premack, D. & Woodruff, G. Does the chimpanzee have a theory of mind? Behavioral and brain sciences **1**, (2010).

79.

Baron-Cohen, S., Leslie, A. M. & Frith, U. Does the autistic child have a "theory of mind" ? Cognition **21**, 37-46 (1985).

80.

Hobson, R. Peter. Autism and the Development of Mind. vol. Essays in developmental psychology (Psychology, Hove, 1995).

81.

Gopnik, A. How we know our minds: the illusion of first-person knowledge of intentionality. Behavioral and brain sciences **16**, (2010).

82.

Pinker, Steven. *The Language Instinct: The New Science of Language and Mind*. (Penguin, London, 1995).

83.

Sacks, Oliver. *An Anthropologist on Mars: Seven Paradoxical Tales*. (Picador, London, 1995).

84.

Schneider, E. *Discovering My Autism: Apologia pro Vita Sua* (with Apologies to Cardinal Newman). (Jessica Kingsley, London, 1999).

85.

Shanon, B. *The Representational and the Presentational: An Essay on Cognition and the Study of Mind*. (Andrews UK, Luton, 2013).

86.

Emery, Nathan, Clayton, Nicola, & Frith, Christopher D. *Social Intelligence: From Brain to Culture*. (Oxford University Press, Oxford, 2008).

87.

Gallagher, S. & Zahavi, D. *The Phenomenological Mind: An Introduction to Philosophy of Mind and Cognitive Science*. (Routledge, Abingdon, 2007).

88.

Gallagher, S. *How the Body Shapes the Mind*. (Clarendon, Oxford, 2006).

89.

Knoblich, Gèunther. *Human Body Perception from the inside Out*. vol. *Advances in visual cognition* (Oxford University Press, Oxford, 2006).

90.

Iacoboni, Marco. *Mirroring People: The Science of Empathy and How We Connect with Others*. (Picador, New York, 2009).

91.

Rizzolatti, Giacomo & Sinigaglia, Corrado. *Mirrors in the Brain: How Our Minds Share Actions and Emotions*. (Oxford University Press, Oxford, 2008).

92.

Ward, J. *The Student's Guide to Social Neuroscience*. (Psychology, Hove, 2012).

93.

Decety, Jean & Cacioppo, John T. *The Oxford Handbook of Social Neuroscience*. vol. Oxford library of psychology (Oxford University Press, Oxford [UK], 2011).

94.

Johnson, Mark. *The Meaning of the Body: Aesthetics of Human Understanding*. (University of Chicago Press, Chicago, Ill, 2008).

95.

Emery, Nathan, Clayton, Nicola, & Frith, Christopher D. *Social Intelligence: From Brain to Culture*. (Oxford University Press, Oxford, 2008).

96.

Shanon, B. *The Representational and the Presentational: An Essay on Cognition and the Study of Mind*. (Andrews UK, Luton, 2013).

97.

Revonsuo, Antti. Inner Presence: Consciousness as a Biological Phenomenon. (MIT Press, Cambridge, Mass, 2006).

98.

Bentall, Richard P. Madness Explained: Psychosis and Human Nature. (Penguin, London, 2004).

99.

Hobson, J. Allan. Sleep. vol. Scientific American Library series (Scientific American Library, New York, 1995).

100.

Dennett, Daniel C. Brainstorms: Philosophical Essays on Mind and Psychology. vol. Harvester studies in philosophy (Harvester Press, Brighton, 1981).

101.

Bentley, Evie. Awareness: Biorhythms, Sleep and Dreaming. (Routledge, London, 2000).

102.

Sacks, O. Awakenings. (Picador, London, 2012).

103.

Symons, D. The stuff that dreams aren't made of: why wake-state and dream-state sensory experiences differ. *Cognition* **47**, 181–217 (1993).

104.

Kryger, Meir H., Roth, T., & Dement, William C. Principles and Practice of Sleep Medicine. (Saunders, Philadelphia, 2005).

105.

Haskell, Robert E. & Institute of Mind and Behavior. Cognition and Dream Research. vol. The journal of mind and behavior (Journal of Mind and Behavior, New York, 1986).

106.

Lee, Sidney Gillmore McKenzie & Mayes, Andrew. Dreams and Dreaming: Selected Readings. vol. Penguin education (Penguin Education, Harmondsworth, 1973).

107.

Foulkes, David. A Grammar of Dreams. vol. Harvester studies in cognitive science (Harvester Press, Hassocks, 1978).

108.

Shafton, Anthony. Dream Reader: Contemporary Approaches to the Understanding of Dreams. vol. SUNY series in dream studies (State University of New York Press, Albany, NY, 1995).

109.

Tart, Charles T. Altered States of Consciousness: A Book of Readings. (Wiley, New York, 1969).

110.

Bentley, Evie. Awareness: Biorhythms, Sleep and Dreaming. (Routledge, London, 2000).

111.

W Hirstein & V S Ramachandran. Capgras syndrome: a novel probe for understanding the neural representation of the identity and familiarity of persons. Proceedings of the Royal Society B: Biological Sciences **264**, 437-444 (22 AD).

112.

V.S. Ramachandran. The evolutionary biology of self-deception, laughter, dreaming and depression: some clues from anosognosia. *Medical hypotheses* **47**, 347–362.

113.

Young, Andrew W. *Face and Mind*. vol. Oxford cognitive science series (Oxford University Press, Oxford, 1998).

114.

Young, Andrew W. *Face and Mind*. vol. Oxford cognitive science series (Oxford University Press, Oxford, 1998).

115.

Young, Andrew W. *Face and Mind*. vol. Oxford cognitive science series (Oxford University Press, Oxford, 1998).

116.

Halligan, P. W. & Marshall, J. C. *Method in Madness: Case Studies in Cognitive Neuropsychiatry*. (Psychology Press, East Sussex, 1996).

117.

Gregory, R. L. *Seeing through Illusions*. (Oxford University Press, Oxford, 2009).

118.

James, W. & Dover Publications, Inc. *The Principles of Psychology: In Two Volumes*. vol. Dover books on biology, psychology, and medicine (Dover Publications, New York, 1950).

119.

James, William. *The Principles of Psychology: Vol. 2*. (Dover, New York, 1950).

120.

Hilgard, Ernest R. Divided Consciousness: Multiple Controls in Human Thought and Action. vol. Wiley series in behaviour (Wiley, New York, 1986).

121.

Feinberg, Todd E. & Keenan, Julian Paul. The Lost Self: Pathologies of the Brain and Identity . (Oxford University Press, New York, 2005).

122.

Gazzaniga, Michael S. & LeDoux, Joseph E. The Integrated Mind. (Plenum Press, New York, 1978).

123.

Blakemore, Colin & Greenfield, Susan. Mindwaves: Thoughts on Intelligence, Identity and Consciousness. (Basil Blackwell, London, 1987).

124.

Braude, Stephen E. First Person Plural: Multiple Personality and the Philosophy of Mind. (Rowman & Littlefield, London, 1995).

125.

Spanos, Nicholas P. Multiple Identities & False Memories: A Sociocognitive Perspective. (American Psychological Association, Washington, DC, 1996).

126.

Hacking, Ian, 1936-. Rewriting the Soul: Multiple Personality and the Sciences of Memory. (Princeton University Press, Princeton, N.J., 1995).

127.

Metzinger, Thomas. Being No One: The Self-Model Theory of Subjectivity. (MIT, Cambridge,

Mass, 2004).

128.

Metzinger, Thomas. *The Ego Tunnel: The Science of the Mind and the Myth of the Self*. (BasicBooks, New York, 2009).

129.

Spence, Sean. *The Actor's Brain: Exploring the Cognitive Neuroscience of Free Will*. (Oxford University Press, Oxford, 2009).

130.

Gazzaniga, Michael S. *The Ethical Brain: The Science of Our Moral Dilemmas*. (HarperPerennial, New York, 2006).

131.

Farah, M. J. Neuroethics: the practical and the philosophical. *Trends in cognitive sciences* **9**, 34-40 (2005).