

RESOURCES: THE BRAIN, COGNITIVE IMPAIRMENT, & BEHAVIOR,

Books, Journals, Articles and Websites:

Here is a list of some of the websites, books, journals, and articles that are easily accessible in the general press and media, in both the popular and professional press. You can find most of these and other articles/information on the internet or in the library. More websites and resources are listed at the end of some of the handouts. These can supplement your professional and academic sources of information.

BOOKS

1. Amen, Daniel G. *Making a Good Brain Great*. 2005. New York: Random House.
2. Beaumont, JG; Kenealy, PM; Rogers, MJC. *The Blackwell Dictionary of Neuropsychology*. 1999. Malden, Mass: Blackwell Publishers.
3. Begley, Sharon. *Train your Mind, Change your Brain: How a new Science Reveals our Extraordinary Potential to Transform Ourselves*. 2007. New York: Ballantine Books.
4. Borod, J.C., (Ed) *The Neuropsychology of Emotion*. 2000. Oxford University Press, New York
5. Damasio, Antonio. *The Feeling of What Happens: Body and Emotion in the Making of Consciousness*. 1999. Orlando: Houghton Mifflin Harcourt Publishing Company.
6. Davidson, Richard J, Begley, Sharon. *The Emotional Life of your Brain*. 2012. Hudson Street Press, Penguin Group, New York.
7. Grandin, Temple. *Thinking in Pictures and Other Reports from My Life with Autism*. 1995. New York: Vintage Books.
8. Gurd, Jennifer M; Kischka, U; Marshall, J.C. (eds). *Handbook of Clinical Neuropsychology: Second Edition*. 2010. New York: Oxford University Press.
9. Lezak, Muriel; Howieson, DB; Bigler, E; Tranel, D. *Neuropsychological Assessment: Fifth Edition*. 2012. New York: Oxford University Press.
10. Linden, DJ. *Touch: The Science of Hand, Heart, And Mind*. 2015. New York: Viking Penguin.
11. Lipska, B. with McArdle, E. *The Neuroscientist who Lost her Mind: My Tale of Madness and Recovery*. 2018. New York: Houghton Mifflin Harcourt.
12. Marcopulos, BA & Kurtz, MM (Eds) *Clinical Neuropsychological Foundations of Schizophrenia*. 2012. New York: Taylor & Francis.
13. Marcote, R & Grant, I (Eds). *Neuropsychology of Everyday Functioning*. 2010. New York: Guilford Press.
14. Miller, Bruce & Cummings, Jeffrey (Eds). *The Human Frontal Lobes: Functions and Disorders, Second Edition*. 2007. New York: Guilford Press.
15. Pliszka, Steven. *Neuroscience for the Mental Health Clinician. Second Edition*. 2016. New York: Guildford Press.
16. Rolls, E.T. *The Brain and Emotion*. 2005. Oxford University Press, New York.
17. Sacks, Oliver *Hallucinations*. 2012. New York: Alfred A. Knopf.
18. Sacks, Oliver. *Musicophilia: Tales of Music and the Brain: Revised and Expanded*. 2008. New York: Random House.
19. Shaywitz, Sally. *Overcoming Dyslexia*. 2003. New York: Random House.
20. Tammet, Daniel. *Born on a Blue Day: Inside the Extraordinary Mind of an Autistic Savant: A Memoir*. 2007. New York: Simon & Schuster Adult Publishing Group.
21. Tammet, Daniel. *Thinking in Numbers*. 2012. New York: Little, Brown and Company
22. Taylor, Jill Bolte. *My Stroke of Insight: A Brain Scientist's Personal Journey*. 2006. New York: Plume of Penguin Group.
23. Walker, Matthew. *Why we Sleep: Unlocking the Power of Sleep and Dreams*. 2017. New York: Scribner.

JOURNALS

1. Journal of the International Neuropsychological Society published by Cambridge University Press (http://www.journals.cambridge.org/jid_ins) (e.g. Special issue on Human Brain Connectivity March, 2016.)
2. Scientific American published by Scientific American, Inc. (www.sciam.com) (e.g., “Decoding Schizophrenia: The brain in Schizophrenia.” By Daniel C. Javitt and Joseph T. Coyle in January 2004, Vol. 293 (1), pages 48-57) (e.g., “Consciousness: How Neurons Make Us Aware” Vol 297 (4), October, 2007)
3. Scientific American: Mind published by Scientific American, Inc. (www.sciammind.com) (e.g. Help for Hoarding” Vol 18 (1) February-March, 2007)
4. Science published by American Association for the Advancement of Science. (www.sciencemag.org) (e.g., “Brain Activity to Rely on?” by S Schwarzkopf & G Rees and “Reproducibility Distinguishes Conscious from Nonconscious Neural Representations” by A Schurger, F.Pereira, A Treisman, & J. Cohen Vol 327 January 1, 2010.

ARTICLES

1. The New Century of the Brain: Billions of neurons give rise to thoughts and emotions – New technologies. By Yuste, R; Church, GM. In Scientific American March 2014 Vol 310 (3): 38-45. www.sciam.com
2. A Look inside the Brain. By Karl Deisseroth. In Scientific American October 2016 Pages 30-37. www.sciam.com
3. A Tree of the Human Brain: Genomes of single neurons trace the developmental and mutational history of the brain. By S Linnarsson. In Science Vol 350 (6256): 37. October 2, 2015. www.sciencemag.org
4. Sleep: Rest affects mind and health. By Stickgold, R. Scientific American October 2015 Vol 313 (4): 52-57. www.sciam.com
5. Brain Drain: Toxic waste cleanup during Sleep. By Nedergaard, M; Goldman, S. In Scientific American March 2016 pages 45-49. www.sciam.com
6. How Sleep affects memory: Perchance to Prune. By Tononi,G; Cirelli, C. In Scientific American August 2013 Vol 309(2): 34-39. www.sciam.com
7. Blue Light Blues: Why electronic screens keep you awake at night and what you can do about it. By Jabr, F. In Scientific American November 2016 Vol 315 (5): 24-25. www.sciam.com
8. Caffeine, the circadian clock, and sleep. By Landolt, HP. In Science Vol 349 (6254): 1289. September 18, 2015. www.sciencemag.org
9. The Impact of sleep disturbance on the association between stressful life events and depressive symptoms. By Leggett, A; Burgard, S; Zivin, K. In Journal of Gerontology: Social Sciences 2016 Vol 71 (1): 118-128.
10. Relationships among nightly sleep quality, daily stress, and daily affect. By Blaxton, JM; Bergeman, CS; Whitehead, BR; Braun, ME; Payne, JD. In Journal of Gerontology; Psychological Sciences 2017 Vol 72 (3): 363-372.
11. What Makes Each Brain Unique: Jumping Genes By Gage, FH; Muotri, AR. In Scientific American March 2012 Vol 306 (3): 26-31. www.sciam.com
12. Our Unconscious Mind: Hidden thoughts and feelings influence behavior. By Bargh, J. In Scientific American January 2014 Vol 310 (1): 30-37. www.sciam.com
13. The Neuroscience of Habits: How they form and why they are so hard to change. By Graybiel, AM; Smith, KS. In Scientific American June 2014 pages 39-43.
14. Following the Crowd: Brain Substrates of Long-Term Memory Conformity. By Edelson, M; Sharot, T; Dolan, RJ; Dudai, Y in Science Vol 333: 108-111, July 1, 2011.
15. How the Brain Creates the Mind. By Antonio Damasio in Scientific American December 1999 pages 112-117. www.sciam.com
16. Concentrating on Kindness. By Kupferschmidt, K. In Science 2013 341:1336-1339.
17. The Self-Compassion Solution: Being Kind to Yourself. By Krakovsky, M. In Scientific American Mind May-June 2017 pages 65-69. www.sciammind.com

18. Mind of the Meditator: Neuroscience has demonstrated that meditation has tangible and significant benefits for both body and mind. By Ricard, M; Lutz, A; Davidson, RJ. In Scientific American November 2014 Vol 311 (5): 38-45. www.sciam.com
19. Stress and the Brain. By Amy Arnsten, Carolyn Mazure, Rajita Sinha. In Scientific American. April, 2012 pages 48-53. www.sciam.com
20. The Joyful Mind: How the brain generates pleasure. By Morten Kringelbach, Kent Berridge. In Scientific American. August, 2012 pages 40-45. www.sciam.com
21. A New Kind of Inheritance: Epigenetic changes passed down to future generations. By MK Skinner. In Scientific American August 2014 pages 45-51. www.sciam.com
22. Redefining Mental Illness: Psychiatry's Diagnostic Guidebook gets its first major update in 30 years. By Jabr, F. In Scientific American Mind May/June 2012 Vol 23 (2): 28-35.
23. Hidden Switches in the Mind: Epigenetic changes contribute to mental illness. By Eric J. Nestler. In Scientific American. December, 2011 pages 77-83. www.sciam.com
24. Schizophrenia's Unyielding Mysteries: Genes, the Environment, and Treatment. By Michael Balter. In Scientific American. May, 2017 pages 55-61. www.sciam.com
25. Brain "Relay" also Key to Holding Thoughts in Mind: Thalamus & Schizophrenia. National Institute of Mental Health May 3, 2017. www.nimh.nih.gov/news/science-news/2017/brain-relay-also-key-to-holding-thoughts-in-mind.shtml
26. Decoding Schizophrenia: The brain in Schizophrenia. By Daniel C. Javitt and Joseph T. Coyle In Scientific American. January, 2004 pages 48-57. www.sciam.com
27. Specific disruption of thalamic inputs to the auditory cortex in schizophrenia models, By Sungkun, J et al. In Science June 6, 2014 Vol 344 Pages 1178-1186.
28. Time for New Schizophrenia RX By Hyman, S in Science March 14, 2014 Vol 343: 1177
29. The Unleashed Mind (about Schizophrenia and creativity). By Shelley Carson in Scientific American Mind May/June 2011, pages 22-29.
30. A Social Salve for Schizophrenia. By Kurtz, M. In Scientific American Mind March-April 2013 pages 63-67. www.sciam.com
31. Listening to Voices By Longden, E. In Scientific American Mind September-October 2013 pages 34-39. www.sciam.com
32. The Myth of Schizophrenia as a Progressive Brain Disease. By Zipursky, B; Reilly, T; Murray, R. In Schizophrenia Bulletin November 20, 2012 at <http://schizophreniabulletin.oxfordjournals.org>
33. Late-Onset Schizophrenia: A Review for Clinicians By Pearman, A & Batra, A. In Clinical Gerontologist March-April 2012, 35 (2):126-147.
34. Long-term Effects of Risperidone versus Haloperidol on Verbal Memory, Attention, and Symptomatology in Schizophrenia. By Remillard, S; Pourcher, E; Cohen, H. Journal of International Neuropsychological Society, 14 (1), 110-118, January, 2008.
35. What's in your Mind: The Mind is what the Brain Does. In National Geographic March 2005 pages 6-29 (about Autism, localization (or lack of) function, sensory processing, hypergraphia et al).
36. Broken Mirrors: A Theory of Autism. By Ramachandran, V; Oberman, L. Scientific American, 295 (5): 62-69, November 2006. www.sciam.com
37. Mirrors in the Mind: Mirror neurons may mediate our ability to mimic, learn, and understand the actions and intentions of others. Rizzolatti, G; L. Fogassi, V. Gallese. Scientific American, 295 (5):54-61, November 2006. www.sciam.com
38. The Addicted Brain. By Eric Nestler & Robert Malenka in Scientific American March 2004 pages 78-85. www.sciam.com
39. Faulty Circuits: Brain Connections in Depression, OCD, PTSD. By Thomas R. Insel. In Scientific American. April, 2010 pages 44-51. www.sciam.com
40. Treating Depression at the Source: Electrical Stimulation Deep within the Brain. By Lozano, AM; Mayberg, H. In Scientific American. February, 2015 pages 68-73.
41. Illuminating the Neural Circuitry of Compulsive Behaviors. By Rauch, S and Carlezon Jr, W. In Science June 7, 2013 Vol 340 pages 1174-1176.

42. Obsessions Revisited By Moyer, M. In Scientific American Mind May-June 2011 pages 37-41.
43. Neuropsychological Profiles of Patients with Obsessive-Compulsive Disorder: Early onset versus Late onset. By Hwang, S.H, J.S.Kwon, Y.W.Shin, K.J.Lee, YY.Kim, and M.S.Kim. Journal of the International Neuropsychological Society, 13 (1), 30-37, 2007.
44. The Mini-Mental State Examination in Behavioral Variant Frontotemporal Dementia and Primary Progressive Aphasia. By Osher, JE; Wicklund, AH, Rademaker, A; Johnson, N; Weintraub, S. in American Journal of Alzheimer's Disease & Other Dementias Vol 22(5), October/November 2007 (<http://oe.sagepub.com>). (This is a special issue on Frontotemporal Dementia.)
45. Assessment as a Basis for Intervention, Chapter 11; & Intervention to Address Dementia as a Cognitive Disorder, Chapter 12. By Weaverdyck, S. in D. Coons (Ed.) Specialized Dementia Care Units. 1991. Johns Hopkins University Press, Baltimore, Maryland.
46. Neuropsychological Assessment as a Basis for Intervention in Dementia. By Weaverdyck, S. in N. Mace (Ed.) Dementia Care: Patient, Family and Community. 1990. Johns Hopkins University Press, Baltimore.

WEBSITES

1. Alphabetical List of Mental Health Medications www.nimh.nih.gov/health/publications/mental-health-medications/alphabetical-list-of-medications.shtml
2. Medications used to treat various disorders [www.nimh.nih.gov/health/publications/mental-health-medications/what-medications-are-used-to-treat-\(disorder\).shtml](http://www.nimh.nih.gov/health/publications/mental-health-medications/what-medications-are-used-to-treat-(disorder).shtml)

ILLUSTRATIONS & ARTICLES ABOUT BRAIN FUNCTIONING:

The 8 articles and illustrations listed below are available online (www.sciam.com) or at any library. The photos and articles explain in some detail specific aspects of brain functioning.

1. **Stress:** Scientific American: April 2012; Illustration on Page 51 of article "This is your brain in meltdown" by Amy Arnsten, Carolyn M. Mazure and Rajita Sinha: Pages 48-53.
2. **Pleasure:** Scientific American: August 2012; Illustration on Page 43 of article "The Joyful Mind" by Morten L. Kringelbach and Kent C Berridge; Pages 40-45.
3. **Schizophrenia:** Scientific American: January 2004; Illustration on Page 52 of article "Decoding Schizophrenia: The Brain in Schizophrenia" by Daniel C Javitt & Joseph T Coyle: Pages 48-57.
4. **Habits:** Scientific American: June 2014; Illustration on Page 42 of article "Good Habits, Bad Habits" by Ann M. Graybiel and Kyle S. Smith: Pages 39-43.
5. **Meditation:** Scientific American: November 2014; Illustration on Page 41 of article "Mind of the Meditator" by Matthieu Ricard, Antoine Lutz and Richard J. Davidson: Pages 39-45.
6. **Sleep:** Scientific American Mind: March/April 2013; Illustration on Page 13 called "Central Brain Regions Involved in Sleep". It isn't really part of any article.
7. **Touch:** Scientific American Mind: July/August 2015; Illustration on Page 35 of article "The Social Power of Touch" by Lydia Denworth: Pages 30-39.
8. **Love and Lust:** Scientific American Mind Special Collector's Edition May 3, 2016: Illustration on page 13 of article "People Often Think of Love and Lust as Polar Opposites" by Stephanie Cacioppo and John T. Cacioppo: Pages 12-14