## <u>Notes</u>

Chapter 1: Happiness in the Brain

- <u>1</u>. Burnett, D., "Role of the hippocampus in configural learning," Cardiff University, 2010
- Arias-Carrion, O., and E. Poppel, "Dopamine, learning, and reward-seeking behavior," Acta Neurobiologiae Experimentalis, 2007, 67(4), pp. 481–8
- Zald, D. H., et al., "Midbrain dopamine receptor availability is inversely associated with novelty-seeking traits in humans," *Journal of Neuroscience*, 2008, 28(53), pp. 14372–8
- <u>4</u>. Bardo, M. T., R. L. Donohew, and N. G. Harrington, "Psychobiology of novelty seeking and drug seeking behavior," *Behavioural Brain Research*, 1996, 77(1), pp. 23–43
- 5. Berns, G. S., et al., "Predictability modulates human brain response to reward," *Journal of Neuroscience*, 2001, 21(8), pp. 2793–8
- <u>6</u>. Hawkes, C., "Endorphins: The basis of pleasure?," *Journal of Neurology, Neurosurgery and Psychiatry*, 1992, 55(4), pp. 247–50
- <u>7</u>. Pert, C. B., and S. H. Snyder, "Opiate receptor: Demonstration in nervous tissue," *Science*, 1973, 179(4077), pp. 1011–14
- <u>8</u>. Lyon, A. R., et al., "Stress (Takotsubo) cardiomyopathy—a novel pathophysiological hypothesis to explain catecholamine-induced acute myocardial stunning," *Nature Reviews Cardiology*, 2008, 5(1), p. 22
- <u>9</u>. Okur, H., et al., "Relationship between release of beta-endorphin, cortisol, and trauma severity in children with blunt torso and extremity trauma," *Journal of Trauma*, 2007, 62(2), pp. 320–4; discussion 324
- <u>10</u>. Esch, T., and G. B. Stefano, "The neurobiology of stress management," *Neuroendocrinology Letters*, 2010, 31(1), pp. 19–39
- <u>11</u>. Weizman, R., et al., "Immunoreactive [beta]-endorphin, cortisol, and growth hormone plasma levels in obsessive-compulsive disorder," *Clinical Neuropharmacology*, 1990, 13(4), pp. 297–302
- <u>12</u>. Galbally, M., et al., "The role of oxytocin in mother–infant relations: A systematic review of human studies," *Harvard Review of Psychiatry*, 2011, 19(1), pp. 1–14
- <u>13</u>. Renfrew, M. J., S. Lang, and M. Woolridge, "Oxytocin for promoting successful lactation," *Cochrane Database of Systematic Reviews*, 2000(2), p. Cd000156

- <u>14</u>. Scheele, D., et al., "Oxytocin modulates social distance between males and females," *Journal of Neuroscience*, 2012, 32(46), pp. 16074–9
- <u>15</u>. De Dreu, C. K., et al., "Oxytocin promotes human ethnocentrism," *Proceedings of the National Academy of Sciences*, 2011, 108(4), pp. 1262–6
- <u>16</u>. Dayan, P., and Q. J. Huys, "Serotonin, inhibition, and negative mood," *PLOS Computational Biology*, 2008, 4(2), p. e4
- <u>17</u>. Harmer, C. J., G. M. Goodwin, and P. J. Cowen, "Why do antidepressants take so long to work? A cognitive neuropsychological model of antidepressant drug action," *British Journal of Psychiatry*, 2009, 195(2), pp. 102–8
- <u>18</u>. Jorgenson, L. A., et al., "The BRAIN Initiative: Developing technology to catalyse neuroscience discovery," *Philosophical Transactions of the Royal Society B*, 2015, 370(1668)
- <u>19</u>. Zivkovic, M., "Brain culture: Neuroscience and popular media," *Interdisciplinary Science Reviews*, 2015, 40(4)
- <u>20</u>. Pearl, S., "Species, Serpents, Spirits, and Skulls: Science at the Margins in the Victorian Age by Sherrie Lynne Lyons," Victorian Studies, 2010, 53(1), pp. 141–3
- <u>21</u>. Greenblatt, S. H., "Phrenology in the science and culture of the 19th century," *Neurosurgery*, 1995, 37(4), pp. 790–804; discussion 804–5
- <u>22</u>. Sample, I., "Updated map of the human brain hailed as a scientific tour de force," *Guardian*, 20 July 2016
- <u>23</u>. Aggleton, J. P., et al., *The Amygdala: A Functional Analysis*, Oxford University Press, 2000
- <u>24</u>. Oonishi, S., et al., "Influence of subjective happiness on the prefrontal brain activity: An fNIRS study," in Swartz, H., et al., "Oxygen transport to tissue XXXVI," *Advances in Experimental Medicine and Biology*, 2014, pp. 287–93
- <u>25</u>. Kringelbach, M. L., and K. C. Berridge, "The neuroscience of happiness and pleasure," *Social Research*, 2010, 77(2), pp. 659–78
- <u>26</u>. Berridge, K. C., and M. L. Kringelbach, "Towards a neuroscience of well-being: Implications of insights from pleasure research," in H. Brockmann and J. Delhey (eds.), *Human Happiness and the Pursuit of Maximization*, Springer Netherlands, 2013, pp. 81– 100
- <u>27</u>. Witek, M. A., et al., "Syncopation, body-movement and pleasure In groove music," *PLOS One*, 2014, 9(4), p. e94446
- <u>28</u>. Zhou, L., and J. A. Foster, "Psychobiotics and the gut–brain axis: In the pursuit of happiness," *Neuropsychiatric Disease and Treatment*, 2015, 11, pp. 715–23

- <u>29</u>. Foster, J. A., and K.-A. M. Neufeld, "Gut–brain axis: How the microbiome influences anxiety and depression," *Trends in Neurosciences*, 2013, 36(5), pp. 305–12
- <u>30</u>. Aschwanden, C., "How Your Gut Affects Your Mood," *FiveThirtyEight*, 19 May 2016, fivethirtyeight.com
- <u>31</u>. Chambers, C., "Physics envy: Do 'hard' sciences hold the solution to the replication crisis in psychology?," *Guardian*, 10 June 2014
- <u>32</u>. Chambers, C., *The Seven Deadly Sins of Psychology: A Manifesto for Reforming the Culture of Scientific Practice*, Princeton University Press, 2017
- <u>33</u>. Cohen, J., "The statistical power of abnormal-social psychological research: A review," *Journal of Abnormal and Social Psychology*, 1962, 65(3), p. 145
- <u>34</u>. Engber, D., "Sad face: Another classic psychology finding—that you can smile your way to happiness—just blew up," 2016, slate.com

Chapter 2: There's No Place Like Home

- Raderschall, C. A., R. D. Magrath, and J. M. Hemmi, "Habituation under natural conditions: Model predators are distinguished by approach direction," *Journal of Experimental Biology*, 2011, 214(24), p. 4209
- <u>2</u>. Oswald, I., "Falling asleep open-eyed during intense rhythmic stimulation," *British Medical Journal*, 1960, 1(5184), pp. 1450–5
- <u>3</u>. Schultz, W., "Multiple reward signals in the brain," *Nature Reviews Neuroscience*, 2000, 1(3), p. 199
- <u>4</u>. Almeida, T. F., S. Roizenblatt, and S. Tufik, "Afferent pain pathways: A neuroanatomical review," *Brain Research*, 2004, 1000(1), pp. 40–56
- Dickinson, A., and N. Mackintosh, "Classical conditioning in animals," *Annual Review of Psychology*, 1978, 29(1), pp. 587–612
- Parasuraman, R., and S. Galster, "Sensing, assessing, and augmenting threat detection: Behavioral, neuroimaging, and brain stimulation evidence for the critical role of attention," *Frontiers in Human Neuroscience*, 2013, 7, p. 273
- <u>7</u>. Larson, C. L., et al., "Recognizing threat: A simple geometric shape activates neural circuitry for threat detection," *Journal of Cognitive Neuroscience*, 2008, 21(8), pp. 1523–35
- <u>8</u>. Durham, R. C., and A. A. Turvey, "Cognitive therapy vs behaviour therapy in the treatment of chronic general anxiety," *Behaviour Research and Therapy*, 1987, 25(3), pp. 229–34

- <u>9</u>. Szekely, A., S. Rajaram, and A. Mohanty, "Context learning for threat detection," *Cognition and Emotion*, 2016, pp. 1–18
- <u>10</u>. Suitor, J. J., and K. Pillemer, "The presence of adult children: A source of stress for elderly couples' marriages?," *Journal of Marriage and Family*, 1987, 49(4), pp. 717–25
- Dinges, D. F., et al., "Cumulative sleepiness, mood disturbance, and psychomotor vigilance performance decrements during a week of sleep restricted to 4–5 hours per night," *Sleep*, 1997, 20(4), pp. 267–77
- <u>12</u>. Agnew, H. W., W. B. Webb, and R. L. Williams, "The first night effect: An EEG study of sleep," *Psychophysiology*, 1966, 2(3), pp. 263–6
- <u>13</u>. Sample, I., "Struggle to sleep in a strange bed? Scientists have uncovered why," *Guardian*, 21 April 2016
- Rattenborg, N. C., C. J. Amlaner, and S. L. Lima, "Behavioral, neurophysiological and evolutionary perspectives on unihemispheric sleep," *Neuroscience and Biobehavioral Reviews*, 2000, 24(8), pp. 817–42
- Mascetti, G. G., "Unihemispheric sleep and asymmetrical sleep: Behavioral, neurophysiological, and functional perspectives," *Nature and Science of Sleep*, 2016, 8, pp. 221–38
- <u>16</u>. Burt, W. H., "Territoriality and home range concepts as applied to mammals," *Journal of Mammalogy*, 1943, 24(3), pp. 346–52
- <u>17</u>. Eichenbaum, H., "The role of the hippocampus in navigation is memory," *Journal of Neurophysiology*, 2017, 117(4), pp. 1785–96
- <u>18</u>. Hartley, T., et al., "Space in the brain: How the hippocampal formation supports spatial cognition," *Philosophical Transactions of the Royal Society B*, 2013, 369(1635)
- <u>19</u>. Jacobs, J., et al., "Direct recordings of grid-like neuronal activity in human spatial navigation," *Nature Neuroscience*, 2013, 16(9), pp. 1188–90
- <u>20</u>. Rowe, W. B., et al., "Reactivity to novelty in cognitively-impaired and cognitivelyunimpaired aged rats and young rats," *Neuroscience*, 1998, 83(3), pp. 669–80
- <u>21</u>. Travaini, A., et al., "Evaluation of neophobia and its potential impact upon predator control techniques: A study on two sympatric foxes in southern Patagonia," *Behavioural Processes*, 2013, 92, pp. 79–87
- 22. Misslin, R., and M. Cigrang, "Does neophobia necessarily imply fear or anxiety?," Behavioural Processes, 1986, 12(1), pp. 45–50
- 23. Quintero, E., et al., "Effects of context novelty vs. familiarity on latent inhibition with a conditioned taste aversion procedure," *Behavioural Processes*, 2011, 86(2), pp. 242–9
- 24. Brocklin, E. V., The Science of Homesickness, Duke Alumni, 2014

- <u>25</u>. Bhugra, D., and M. A. Becker, "Migration, cultural bereavement and cultural identity," World Psychiatry, 2005, 4(1), pp. 18–24
- <u>26</u>. Silove, D., P. Ventevogel, and S. Rees, "The contemporary refugee crisis: An overview of mental health challenges," *World Psychiatry*, 2017, 16(2), pp. 130–9
- <u>27</u>. Holmes, T., and R. Rahe, "The Holmes–Rahe life changes scale," *Journal of Psychosomatic Research*, 1967, 11, pp. 213–18
- <u>28</u>. Zhang, R., T. J. Brennan, and A. W. Lo, "The origin of risk aversion," *Proceedings of the National Academy of Sciences*, 2014, 111(50), pp. 17777–82
- <u>29</u>. Ickes, B. R., et al., "Long-term environmental enrichment leads to regional increases in neurotrophin levels in rat brain," *Experimental Neurology*, 2000, 164(1), pp. 45–52
- <u>30</u>. Young, D., et al., "Environmental enrichment inhibits spontaneous apoptosis, prevents seizures and is neuroprotective," *Nature Medicine*, 1999, 5(4)
- <u>31</u>. Hicklin, A., "How Brooklyn became a writers' mecca," *Guardian*, 7 July 2012
- <u>32</u>. Quintero, E., et al., "Effects of context novelty vs. familiarity on latent inhibition with a conditioned taste aversion procedure," *Behavioural Processes*, 2011, 86(2), pp. 242–9
- <u>33</u>. Bouter, L. M., et al., "Sensation seeking and injury risk in downhill skiing," *Personality and Individual Differences*, 1988, 9(3), pp. 667–73
- <u>34</u>. Smith, S. G., "The essential qualities of a home," *Journal of Environmental Psychology*, 1994, 14(1), pp. 31–46
- <u>35</u>. Hall, E. T., *The Hidden Dimension*, Doubleday, 1966
- <u>36</u>. Aiello, J. R., and D. E. Thompson, "Personal space, crowding, and spatial behavior in a cultural context," *Environment and Culture*, 1980, pp. 107–78
- <u>37</u>. Lourenco, S. F., M. R. Longo, and T. Pathman, "Near space and its relation to claustrophobic fear," *Cognition*, 2011, 119(3), pp. 448–53
- <u>38</u>. Kennedy, D. P., et al., "Personal space regulation by the human amygdala," *Nature Neuroscience*, 2009, 12(10), pp. 1226–7
- <u>39</u>. Evans, G. W., and R. E. Wener, "Crowding and personal space invasion on the train: Please don't make me sit in the middle," *Journal of Environmental Psychology*, 2007, 27(1), pp. 90–94
- <u>40</u>. Schwartz, B., "The social psychology of privacy," *American Journal of Sociology*, 1968, pp. 741–52
- <u>41</u>. Berman, M. G., J. Jonides, and S. Kaplan, "The cognitive benefits of interacting with nature," *Psychological Science*, 2008, 19(12), pp. 1207–12
- <u>42</u>. Ulrich, R., "View through a window may influence recovery," *Science*, 1984, 224(4647), pp. 224–5

- <u>43</u>. Dobbs, D., "The green space cure: The psychological value of biodiversity," *Scientific American*, 13 November 2007
- 44. "Tiny house movement," Wikipedia, 2017, wikipedia.org/wiki/Tiny\_house\_movement
- 45. Bouchard, T. J., "Genes, environment, and personality," Science, 1994, p. 1700
- <u>46</u>. Oishi, S., and U. Schimmack, "Residential mobility, well-being, and mortality," *Journal of Personality and Social Psychology*, 2010, 98(6), p. 980
- <u>47</u>. Jang, Y., and D. E. Huber, "Context retrieval and context change in free recall: Recalling from long-term memory drives list isolation," *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 2008, 34(1), p. 112
- <u>48</u>. Rubinstein, R. L., "The home environments of older people: A description of the psychosocial processes linking person to place," *Journal of Gerontology*, 1989, 44(2), pp. S45–S53
- <u>49</u>. Winograd, E., and W. A. Killinger, "Relating age at encoding in early childhood to adult recall: Development of flashbulb memories," *Journal of Experimental Psychology: General*, 1983, 112(3), p. 413
- 50. Lollar, K., "The liminal experience: Loss of extended self after the fire," *Qualitative Inquiry*, 2009
- <u>51</u>. Jones, R. T., and D. P. Ribbe, "Child, adolescent, and adult victims of residential fire: Psychosocial consequences," *Behavior Modification*, 1991, 15(4), pp. 560–80
- 52. Kim, K., and M. K. Johnson, "Extended self: Medial prefrontal activity during transient association of self and objects," *Social Cognitive and Affective Neuroscience*, 2010, pp. 199-207
- 53. Proshansky, H. M., A. K. Fabian, and R. Kaminoff, "Place-identity: Physical world socialization of the self," *Journal of Environmental Psychology*, 1983, 3(1), pp. 57–83
- <u>54</u>. Anton, C. E., and C. Lawrence, "Home is where the heart is: The effect of place of residence on place attachment and community participation," *Journal of Environmental Psychology*, 2014, 40, pp. 451–61

## Chapter 3: Working on the Brain

- 1. "University of Bologna," *Wikipedia*, 2017, wikipedia.org/wiki/University\_of\_Bologna
- Wilson, M., "Stunning documentary looks at life inside a marble mine," *Fast Company*, 14 November 2014, fastcodesign.com
- "What percentage of your life will you spend at work?," ReviseSociology.com, 2016, @realsociology

- <u>4</u>. "Work-related stress, anxiety and depression statistics in Great Britain," Health and Safety Executive, 2016, hse.gov.uk/statistics/causdis/stress/
- "Number of jobs, labor market experience, and earnings growth: Results from a longitudinal survey," Bureau of Labor Statistics, 2017, bls.gov/news.release/nlsoy.toc.htm
- <u>6</u>. Erickson, K. I., C. H. Hillman, and A. F. Kramer, "Physical activity, brain, and cognition," *Current Opinion in Behavioral Sciences*, 2015, 4(Supplement C), pp. 27–32
- <u>7</u>. Swaminathan, N., "Why does the brain need so much power?," *Scientific American*, 2008, 29(4), p. 2998
- <u>8</u>. Sleiman, S. F., et al., "Exercise promotes the expression of brain derived neurotrophic factor (BDNF) through the action of the ketone body β-hydroxybutyrate," *Elife*, 2016, 5, p. e15092
- <u>9</u>. Godman, H., "Regular exercise changes the brain to improve memory, thinking skills," *Harvard Health Letters*, 2014
- <u>10</u>. White, L. J., and V. Castellano, "Exercise and brain health—implications for multiple sclerosis," *Sports Medicine*, 2008, 38(2), pp. 91–100
- <u>11</u>. Kohl, H. W., and H. D. Cook, "Physical activity, fitness, and physical education: Effects on academic performance," in *Educating the Student Body: Taking Physical Activity and Physical Education to School*, National Academies Press, 2013
- <u>12</u>. Gonzalez-Mulé, E., K. M. Carter, and M. K. Mount, "Are smarter people happier? Metaanalyses of the relationships between general mental ability and job and life satisfaction," *Journal of Vocational Behavior*, 2017, 99(Supplement C), pp. 146–64
- <u>13</u>. Thorén, P., et al., "Endorphins and exercise: Physiological mechanisms and clinical implications," *Medicine and Science in Sports and Exercise*, 1990
- Almeida, R. P., et al., "Effect of cognitive reserve on age-related changes in cerebrospinal fluid biomarkers of Alzheimer disease," *JAMA Neurology*, 2015, 72(6), pp. 699–706
- Scarmeas, N., and Y. Stern, "Cognitive reserve: Implications for diagnosis and prevention of Alzheimer's disease," *Current Neurology and Neuroscience Reports*, 2004, 4(5), pp. 374–80
- <u>16</u>. Kurniawan, I. T., et al., "Effort and valuation in the brain: The effects of anticipation and execution," *Journal of Neuroscience*, 2013, 33(14), p. 6160
- <u>17</u>. Hagura, N., P. Haggard, and J. Diedrichsen, "Perceptual decisions are biased by the cost to act," *Elife*, 2017, 6, p. e18422
- <u>18</u>. Herz, R S., and J. von Clef, "The influence of verbal labeling on the perception of odors: Evidence for olfactory illusions?," *Perception*, 2001, 30(3), pp. 381–91

- <u>19</u>. Elliott, R., et al., "Differential response patterns in the striatum and orbitofrontal cortex to financial reward in humans: A parametric functional magnetic resonance imaging study," *Journal of Neuroscience*, 2003, 23(1), p. 303
- <u>20</u>. Holmes, T., and R. Rahe, "Holmes–Rahe life changes scale," *Journal of Psychosomatic Research*, 1967, 11, pp. 213–18
- <u>21</u>. Howell, R. T., M. Kurai, and L. Tam, "Money buys financial security and psychological need satisfaction: Testing need theory in affluence," *Social Indicators Research*, 2013, 110(1), pp. 17–29
- <u>22</u>. Sheldon, K. M., and A. Gunz, "Psychological needs as basic motives, not just experiential requirements," *Journal of Personality*, 2009, 77(5), pp. 1467–92
- 23. Roddenberry, A., and K. Renk, "Locus of control and self-efficacy: Potential mediators of stress, illness, and utilization of health services in college students," *Child Psychiatry and Human Development*, 2010, 41(4), pp. 353–70
- 24. Abramowitz, S. I., "Locus of control and self-reported depression among college students," *Psychological Reports*, 1969, 25(1), pp. 149–50
- <u>25</u>. Williams, J. S., et al., "Health locus of control and cardiovascular risk factors in veterans with Type 2 diabetes," *Endocrine*, 2016, 51(1), pp. 83–90
- <u>26</u>. Lefcourt, H. M., *Locus of Control: Current Trends in Theory and Research*, Psychology Press, 2014
- <u>27</u>. Pruessner, J. C., et al., "Self-esteem, locus of control, hippocampal volume, and cortisol regulation in young and old adulthood," *NeuroImage*, 2005, 28(4), pp. 815–26
- <u>28</u>. Lewis, M., S. M. Alessandri, and M. W. Sullivan, "Violation of expectancy, loss of control, and anger expressions in young infants," *Developmental Psychology*, 1990, 26(5), p. 745
- <u>29</u>. Leavitt, L. A., and W. L. Donovan, "Perceived infant temperament, locus of control, and maternal physiological response to infant gaze," *Journal of Research in Personality*, 1979, 13(3), pp. 267–78
- <u>30</u>. Colles, S. L., J. B. Dixon, and P. E. O'Brien, "Loss of control is central to psychological disturbance associated with binge eating disorder," *Obesity*, 2008, 16(3), pp. 608–14
- <u>31</u>. Rosen, H. J., et al., "Neuroanatomical correlates of cognitive self-appraisal in neurodegenerative disease," *NeuroImage*, 2010, 49(4), pp. 3358–64
- <u>32</u>. Maguire, E. A., K. Woollett, and H. J. Spiers, "London taxi drivers and bus drivers: A structural MRI and neuropsychological analysis," *Hippocampus*, 2006, 16(12), pp. 1091–101
- <u>33</u>. Gaser, C., and G. Schlaug, "Brain structures differ between musicians and nonmusicians," *Journal of Neuroscience*, 2003, 23(27), pp. 9240–5

- <u>34</u>. Castelli, F., D. E. Glaser, and B. Butterworth, "Discrete and analogue quantity processing in the parietal lobe: A functional MRI study," *Proceedings of the National Academy of Sciences of the United States of America*, 2006, 103(12), pp. 4693–8
- <u>35</u>. Grefkes, C., and G. R. Fink, "The functional organization of the intraparietal sulcus in humans and monkeys," *Journal of Anatomy*, 2005, 207(1), pp. 3–17
- <u>36</u>. Oswald, A. J., E. Proto, and D. Sgroi, "Happiness and productivity," *Journal of Labor Economics*, 2015, 33(4), pp. 789–822
- <u>37</u>. Farhud, D. D., M. Malmir, and M. Khanahmadi, "Happiness and health: The biological factors—systematic review article," *Iranian Journal of Public Health*, 2014, 43(11), p. 1468
- <u>38</u>. Zwosta, K., H. Ruge, and U. Wolfensteller, "Neural mechanisms of goal-directed behavior: Outcome-based response selection is associated with increased functional coupling of the angular gyrus," *Frontiers in Human Neuroscience*, 2015, 9
- <u>39</u>. Elliot, A. J., and M. V. Covington, "Approach and avoidance motivation," *Educational Psychology Review*, 2001, 13(2), pp. 73–92
- <u>40</u>. Cofer, C. N., "The history of the concept of motivation," *Journal of the History of the Behavioral Sciences*, 1981, 17(1), pp. 48–53
- <u>41</u>. Lee, W., et al., "Neural differences between intrinsic reasons for doing versus extrinsic reasons for doing: An fMRI study," *Neuroscience Research*, 2012, 73(1), pp. 68–72
- <u>42</u>. Benabou, R., and J. Tirole, "Intrinsic and extrinsic motivation," *Review of Economic Studies*, 2003, 70(3), pp. 489–520
- <u>43</u>. Lepper, M. R., D. Greene, and R. E. Nisbett, "Undermining children's intrinsic interest with extrinsic reward: A test of the 'overjustification' hypothesis," *Journal of Personality and Social Psychology*, 1973, 28(1), pp. 129–37
- <u>44</u>. Lapierre, S., L. Bouffard, and E. Bastin, "Personal goals and subjective well-being in later life," *International Journal of Aging and Human Development*, 1997, 45(4), pp. 287– 303
- <u>45</u>. Agnew, R., "Foundation for a general strain theory of crime and delinquency," *Criminology*, 1992, 30(1), pp. 47–88
- <u>46</u>. Higgins, E. T., et al., "Ideal versus ought predilections for approach and avoidance distinct self-regulatory systems," *Journal of Personality and Social Psychology*, 1994, 66(2), p. 276
- <u>47</u>. Leonard, N. H., L. L. Beauvais, and R. W. Scholl, "Work motivation: The incorporation of self-concept-based processes," *Human Relations*, 1999, 52(8), pp. 969–98
- <u>48</u>. Neal, D. T., W. Wood, and A. Drolet, "How do people adhere to goals when willpower is low? The profits (and pitfalls) of strong habits," *Journal of Personality and Social*

Psychology, 2013, 104(6), p. 959

- <u>49</u>. Bem, D. J., "Self-perception: An alternative interpretation of cognitive dissonance phenomena," *Psychological Review*, 1967, 74(3), p. 183
- 50. Utevsky, A. V., and M. L. Platt, "Status and the brain," *PLOS Biology*, 2014, 12(9), p. e1001941
- <u>51</u>. Pezzulo, G., et al., "The principles of goal-directed decision-making: from neural mechanisms to computation and robotics," *Philosophical Transactions of the Royal Society B*, 2014, 369 (1655)
- <u>52</u>. Leung, B. K., and B. W. Balleine, "The ventral striato-pallidal pathway mediates the effect of predictive learning on choice between goal-directed actions," *Journal of Neuroscience*, 2013, 33(34), p. 13848
- 53. Media, O., Nuffield Farming Scholarships Trust, 2017, nuffieldscholar.org
- <u>54</u>. Miron-Shatz, T., "Am I going to be happy and financially stable?' How American women feel when they think about financial security," *Judgment and Decision Making*, 2009, 4(1), pp. 102–12
- 55. Moesgaard, S. "How money affects the brain's reward system (why money is addictive)," reflectd.co, 21 March 2013
- <u>56</u>. Hyman, S. E., and R. C. Malenka, "Addiction and the brain: The neurobiology of compulsion and its persistence," *Nature Reviews Neuroscience*, 2001, 2(10), p. 695
- 57. Sharot, T., The Optimism Bias: A Tour of the Irrationally Positive Brain, Vintage, 2011
- 58. Howell, et al., "Money buys financial security and psychological need satisfaction: Testing need theory in affluence," *Social Indicators Research*, 2012
- <u>59</u>. Holmes, T., and R. Rahe, "The Holmes–Rahe life changes scale," *Journal of Psychosomatic Research*, 1967, 11, pp. 213–18
- 60. Saarni, C., The Development of Emotional Competence, Guilford Press, 1999
- <u>61</u>. Rodriguez, T., "Negative emotions are key to well-being," *Scientific American*, 1 May 2013
- 62. Adkins, A., "U.S. employee engagement steady in June," 2016, Gallup
- <u>63</u>. Spicer, A., and C. Cederström, "The research we've ignored about happiness at work," *Harvard Business Review*, 21 July 2015
- 64. Van Kleef, G. A., C. K. De Dreu, and A. S. Manstead, "The interpersonal effects of anger and happiness in negotiations," *Journal of Personality and Social Psychology*, 2004, 86(1), pp. 57–76
- 65. Ferguson, D., "The world's happiest jobs," *Guardian*, 7 April 2015
- <u>66</u>. Peralta, C. F., and M. F. Saldanha, "Can dealing with emotional exhaustion lead to enhanced happiness? The roles of planning and social support," *Work and Stress*, 2017,

31(2), pp. 121–44

67. Mauss, I. B., et al., "The pursuit of happiness can be lonely," *Emotion*, 2012, 12(5), p. 908

Chapter 4: Happiness Is Other People

- <u>1</u>. Theeuwes, J., "Top-down and bottom-up control of visual selection," *Acta Psychologica*, 2010, 135(2), pp. 77–99
- LoBue, V., et al., "What accounts for the rapid detection of threat? Evidence for an advantage in perceptual and behavioral responding from eye movements," *Emotion*, 2014, 14(4), pp. 816–23
- <u>3</u>. Jabbi, M., J. Bastiaansen, and C. Keysers, "A common anterior insula representation of disgust observation, experience and imagination shows divergent functional connectivity pathways," *PLOS ONE*, 2008, 3(8), p. e2939
- <u>4</u>. Clarke, D., "Circulation and energy metabolism of the brain," *Basic Neurochemistry: Molecular, Cellular and Medical Aspects*, 1999, pp. 637–69
- <u>5</u>. Miller, G., *The Mating Mind: How Sexual Choice Shaped the Evolution of Human Nature*, Anchor, 2011
- Dunbar, R. I., "The social brain hypothesis and its implications for social evolution," Annals of Human Biology, 2009, 36(5), pp. 562–72
- <u>7</u>. Flinn, M. V., D. C. Geary, and C. V. Ward, "Ecological dominance, social competition, and coalitionary arms races: Why humans evolved extraordinary intelligence," *Evolution and Human Behavior*, 2005, 26(1), pp. 10–46
- 8. Reader, S. M., and K. N. Laland, "Social intelligence, innovation, and enhanced brain size in primates," *Proceedings of the National Academy of Sciences of the United States* of America, 2002, 99(7), pp. 4436–41
- <u>9</u>. Spradbery, J. P., *Wasps: An Account of the Biology and Natural History of Social and Solitary Wasps*, Sidgwick & Jackson, 1973
- <u>10</u>. Gavrilets, S., "Human origins and the transition from promiscuity to pair-bonding,"
  *Proceedings of the National Academy of Sciences of the United States of America*, 2012, 109(25), pp. 9923–8
- <u>11</u>. West, R. J., "The evolution of large brain size in birds is related to social, not genetic, monogamy," *Biological Journal of the Linnean Society*, 2014, 111(3), pp. 668–78
- <u>12</u>. Bales, K. L., et al., "Neural correlates of pair-bonding in a monogamous primate," *Brain Research*, 2007, 1184, pp. 245–53

- <u>13</u>. Dunbar, R. I. M., and S. Shultz, "Evolution in the social brain," *Science*, 2007, 317(5843), pp. 1344–7
- <u>14</u>. Pasquaretta, C., et al., "Social networks in primates: Smart and tolerant species have more efficient networks," *Scientific Reports*, 2014, 4, p. 7600
- <u>15</u>. Van Gestel, S., and C. Van Broeckhoven, "Genetics of personality: Are we making progress?" *Molecular Psychiatry*, 2003, 8(10), pp. 840–52
- <u>16</u>. Matsuzawa, T., "Evolution of the brain and social behavior in chimpanzees," *Current Opinion in Neurobiology*, 2013, 23(3), pp. 443–9
- <u>17</u>. Gunaydin, Lisa A., et al., "Natural neural projection dynamics underlying social behavior," *Cell*, 157(7), pp. 1535–51
- <u>18</u>. Gardner, E. L., "Introduction: Addiction and brain reward and anti-reward pathways," *Advances in Psychosomatic Medicine*, 2011, 30, pp. 22–60
- <u>19</u>. Loken, L. S., et al., "Coding of pleasant touch by unmyelinated afferents in humans," *Nature Neuroscience*, 2009, 12(5), pp. 547–8
- <u>20</u>. Iggo, A., "Cutaneous mechanoreceptors with afferent C fibres," *Journal of Physiology*, 1960, 152(2), pp. 337–53
- 21. "Insular cortex," *Wikipedia*, 2017, wikipedia.org/wiki/Insular\_cortex
- <u>22</u>. Kalueff, A. V., J. L. La Porte, and C. L. Bergner, *Neurobiology of Grooming Behavior*, Cambridge University Press, 2010
- <u>23</u>. Claxton, G., "Why can't we tickle ourselves?," *Perceptual and Motor Skills*, 1975, 41(1), pp. 335–8
- <u>24</u>. Keverne, E. B., N. D. Martensz, and B. Tuite, "Beta-endorphin concentrations in cerebrospinal fluid of monkeys are influenced by grooming relationships," *Psychoneuroendocrinology*, 1989, 14(1), pp. 155–61
- <u>25</u>. Gispen, W. H., et al., "Modulation of ACTH-induced grooming by [DES-TYR1]-γendorphin and haloperidol," *European Journal of Pharmacology*, 1980, 63(2), pp. 203–7
- <u>26</u>. Dumbar, R., "Co-evolution of neocortex size, group size and language in humans," *Behavioral and Brain Sciences*, 1993, 16(4), pp. 681–735
- <u>27</u>. Dunbar, R., and R. I. M. Dunbar, *Grooming, Gossip, and the Evolution of Language*, Harvard University Press, 1998
- <u>28</u>. Crusco, A. H., and C. G. Wetzel, "The Midas touch," *Personality and Social Psychology Bulletin*, 1984, 10(4), pp. 512–17
- <u>29</u>. Dumas, G., et al., "Inter-brain synchronization during social interaction," *PLOS ONE*, 2010, 5(8), p. e12166
- <u>30</u>. Livingstone, M. S., and D. H. Hubel, "Anatomy and physiology of a color system in the primate visual cortex," *Journal of Neuroscience*, 1984, 4(1), pp. 309–56

- <u>31</u>. Rizzolatti, G., et al., "From mirror neurons to imitation: Facts and speculations," *The Imitative Mind: Development, Evolution, and Brain Bases*, 2002, 6, pp. 247–66
- <u>32</u>. Wicker, B., et al., "Both of us disgusted in my insula," *Neuron*, 2003, 40(3), pp. 655–64
- <u>33</u>. Schulte-Rüther, M., et al., "Mirror neuron and theory of mind mechanisms involved in face-to-face interactions: A functional magnetic resonance imaging approach to empathy," *Journal of Cognitive Neuroscience*, 2007, 19(8), pp. 1354–72
- <u>34</u>. Shamay-Tsoory, S. G., J. Aharon-Peretz, and D. Perry, "Two systems for empathy: A double dissociation between emotional and cognitive empathy in inferior frontal gyrus versus ventromedial prefrontal lesions," *Brain*, 2009, 132(3), pp. 617–27
- 35. de Waal, F. B. M., "Apes know what others believe," Science, 2016, 354(6308), p. 39
- <u>36</u>. Brink, T. T., et al., "The role of orbitofrontal cortex in processing empathy stories in fourto eight-year-old children," *Frontiers in Psychology*, 2011, 2, p. 80
- <u>37</u>. Hall, F. S., "Social deprivation of neonatal, adolescent, and adult rats has distinct neurochemical and behavioral consequences," *Critical Reviews in Neurobiology*, 1998, 12(1–2)
- <u>38</u>. Martin, L. J., et al., "Social deprivation of infant rhesus monkeys alters the chemoarchitecture of the brain: I. Subcortical regions," *Journal of Neuroscience*, 1991, 11(11), pp. 3344–58
- <u>39</u>. Metzner, J. L., and J. Fellner, "Solitary confinement and mental illness in US prisons: A challenge for medical ethics," *Journal of the American Academy of Psychiatry and the Law*, 2010, 38(1), pp. 104–8
- <u>40</u>. Izuma, K., D. N. Saito, and N. Sadato, "Processing of the incentive for social approval in the ventral striatum during charitable donation," *Journal of Cognitive Neuroscience*, 2010, 22(4), pp. 621–31
- <u>41</u>. Buchanan, K. E., and A. Bardi, "Acts of kindness and acts of novelty affect life satisfaction," *Journal of Social Psychology*, 2010, 150(3), pp. 235–7
- <u>42</u>. Bateson, M., D. Nettle, and G. Roberts, "Cues of being watched enhance cooperation in a real-world setting," *Biology Letters*, 2006, 2(3), pp. 412–14
- <u>43</u>. Rigdon, M., et al., "Minimal social cues in the dictator game," *Journal of Economic Psychology*, 2009, 30(3), pp. 358–67
- 44. Weir, K., "The pain of social rejection," American Psychological Association, 2012, 43
- <u>45</u>. Woo, C. W., et al., "Separate neural representations for physical pain and social rejection," *Nature Communications*, 2014, 5, p. 5380
- <u>46</u>. Wesselmann, E. D., et al., "Adding injury to insult: Unexpected rejection leads to more aggressive responses," *Aggressive Behavior*, 2010, 36(4), pp. 232–7

- <u>47</u>. Farrow, T., et al., "Neural correlates of self-deception and impression-management," *Neuropsychologia*, 2014, 67
- <u>48</u>. Morrison, S., J. Decety, and P. Molenberghs, "The neuroscience of group membership," *Neuropsychologia*, 2012, 50(8), pp. 2114–20
- <u>49</u>. D'Argembeau, A., "On the role of the ventromedial prefrontal cortex in self-processing: The valuation hypothesis," *Frontiers in Human Neuroscience*, 2013, 7, p. 372
- <u>50</u>. Fischer, P., et al., "The bystander-effect: A meta-analytic review on bystander intervention in dangerous and non-dangerous emergencies," *Psychological Bulletin*, 2011, 137(4), p. 517
- <u>51</u>. Gonçalves, B., N. Perra, and A. Vespignani, "Modeling users' activity on Twitter networks: Validation of Dunbar's number," *PLOS ONE*, 2011, 6(8), p. e22656

Chapter 5: Love, Lust or Bust

- <u>1</u>. Clark, C., "Brain sex in men and women—from arousal to orgasm," *BrainBlogger*, 2014
- <u>2</u>. Laeng, B., O. Vermeer, and U. Sulutvedt, "Is beauty in the face of the beholder?," PLOS ONE, 2013, 8(7), p. e68395
- <u>3</u>. Järvi, T., et al., "Evolution of variation in male secondary sexual characteristics," *Behavioral Ecology and Sociobiology*, 1987, 20(3), pp. 161–9
- <u>4</u>. Georgiadis, J. R., and M. L. Kringelbach, "Intimacy and the brain: Lessons from genital and sexual touch," in Olausson, H., et al. (eds.), *Affective Touch and the Neurophysiology* of CT Afferents, Springer, 2016, pp. 301–21
- Cazala, F., N. Vienney, and S. Stoléru, "The cortical sensory representation of genitalia in women and men: A systematic review," *Socioaffective Neuroscience and Psychology*, 2015, 5, p. 26428.
- <u>6</u>. "The neuroscience of erogenous zones," 2017, www.bangor.ac.uk/psychology/news/theneuroscience-of-erogenous-zones-15794
- <u>7</u>. Turnbull, O. H., et al., "Reports of intimate touch: Erogenous zones and somatosensory cortical organization," *Cortex*, 2014, 53, pp. 146–54
- 8. Georgiadis, J. R., "Doing it ... wild? On the role of the cerebral cortex in human sexual activity," *Socioaffective Neuroscience and Psychology*, 2012, 2, p. 17337
- <u>9</u>. Aggleton, E. J. P., et al., *The Amygdala: A Functional Analysis*, Oxford University Press, 2000
- <u>10</u>. Baird, A. D., et al., "The amygdala and sexual drive: Insights from temporal lobe epilepsy surgery," *Annals of Neurology*, 2004, 55(1), pp. 87–96

- <u>11</u>. Newman, S. W., "The medial extended amygdala in male reproductive behavior: A node in the mammalian social behavior network," *Annals of the New York Academy of Sciences*, 1999, 877(1), pp. 242–57
- <u>12</u>. Goldstein, J. M., "Sex, hormones and affective arousal circuitry dysfunction in schizophrenia," *Hormones and Behavior*, 2006, 50(4), pp. 612–22
- Shirtcliff, E. A., R. E. Dahl, and S. D. Pollak, "Pubertal development: Correspondence between hormonal and physical development," *Child Development*, 2009, 80(2), pp. 327–37
- Alexander, G. M., and B. B. Sherwin, "The association between testosterone, sexual arousal, and selective attention for erotic stimuli in men," *Hormones and Behavior*, 1991, 25(3), pp. 367–81
- <u>15</u>. van Anders, S. M., "Testosterone and sexual desire in healthy women and men," *Archives of Sexual Behavior*, 2012, 41(6), pp. 1471–84
- Rajfer, J., "Relationship between testosterone and erectile dysfunction," *Reviews in Urology*, 2000, 2(2), pp. 122–8
- <u>17</u>. Sarrel, P. M., "Effects of hormone replacement therapy on sexual psychophysiology and behavior in postmenopause," *Journal of Women's Health and Gender-Based Medicine*, 2000, 9(1, Supplement 1), pp. 25–32
- <u>18</u>. Sarrel, P., B. Dobay, and B. Wiita, "Estrogen and estrogen-androgen replacement in postmenopausal women dissatisfied with estrogen-only therapy: Sexual behavior and neuroendocrine responses," *Journal of Reproductive Medicine*, 1998, 43(10), pp. 847–56
- <u>19</u>. Purves, D., G. Augustine, and D. Fitzpatrick, "Autonomic regulation of sexual function," *Neuroscience*, Sinauer Associates, 2001
- <u>20</u>. Ishai, A., "Sex, beauty and the orbitofrontal cortex," *International Journal of Psychophysiology*, 2007, 63(2), pp. 181–5
- <u>21</u>. Ortega, V., I. Zubeidat, and J. C. Sierra, "Further examination of measurement properties of Spanish version of the Sexual Desire Inventory with undergraduates and adolescent students," *Psychological Reports*, 2006, 99(1), pp. 147–65
- 22. Montgomery, K. A., "Sexual desire disorders," *Psychiatry*, 2008, 5(6), pp. 50–55
- 23. Gray, J. A., "Brain systems that mediate both emotion and cognition," *Cognition and Emotion*, 1990, 4(3), pp. 269–88
- <u>24</u>. Swerdlow, N. R., and G. F. Koob, "Dopamine, schizophrenia, mania, and depression: Toward a unified hypothesis of cortico-striatopallido-thalamic function," *Behavioral and Brain Sciences*, 1987, 10(2), pp. 197–208
- 25. Shenhav, A., M. M. Botvinick, and J. D. Cohen, "The expected value of control: An integrative theory of anterior cingulate cortex function," *Neuron*, 2013, 79(2), pp. 217–40

- <u>26</u>. Gola, M., M. Miyakoshi, and G. Sescousse, "Sex, impulsivity, and anxiety: Interplay between ventral striatum and amygdala reactivity in sexual behaviors," *Journal of Neuroscience*, 2015, 35(46), p. 15227
- <u>27</u>. McCabe, M. P., "The role of performance anxiety in the development and maintenance of sexual dysfunction in men and women," *International Journal of Stress Management*, 2005, 12(4), pp. 379–88
- <u>28</u>. Welborn, B. L., et al., "Variation in orbitofrontal cortex volume: Relation to sex, emotion regulation and affect," *Social Cognitive and Affective Neuroscience*, 2009, 4(4), pp. 328–39
- <u>29</u>. Spinella, M., "Clinical case report: Hypersexuality and dysexecutive syndrome after a thalamic infarct," *International Journal of Neuroscience*, 2004, 114(12), pp. 1581–90
- <u>30</u>. Stoléru, S., et al., "Brain processing of visual sexual stimuli in men with hypoactive sexual desire disorder," *Psychiatry Research: Neuroimaging*, 2003, 124(2), pp. 67–86
- <u>31</u>. Freeman, S., "What happens in the brain during an orgasm?," 2008, health.howstuffworks.com/sexual-health/sexuality/brain-during-orgasm.htm
- <u>32</u>. Pfaus, J. G., "Reviews: Pathways of sexual desire," *Journal of Sexual Medicine*, 2009, 6(6), pp. 1506–33
- <u>33</u>. Georgiadis, J. R., et al., "Men versus women on sexual brain function: Prominent differences during tactile genital stimulation, but not during orgasm," *Human Brain Mapping*, 2009, 30(10), pp. 3089–3101
- <u>34</u>. Komisaruk, B. R., and B. Whipple, "Functional MRI of the brain during orgasm in women," *Annual Review of Sex Research*, 2005, 16(1), pp. 62–86
- <u>35</u>. Komisaruk, B., et al., "An fMRI time-course analysis of brain regions activated during self stimulation to orgasm in women," *Society for Neuroscience Abstracts*, 2010
- <u>36</u>. Hunter, A., "Orgasm just by thinking: Is it medically possible?," 19 July 2010, cbsnews.com
- <u>37</u>. Park, B. Y., et al., "Is internet pornography causing sexual dysfunctions? A review with clinical reports," *Behavioral Sciences*, 2016, 6(3), p. 17
- <u>38</u>. Opie, C., et al., "Male infanticide leads to social monogamy in primates," *Proceedings* of the National Academy of Sciences, 2013, 110(33), pp. 13328–32
- <u>39</u>. Comninos, A. N., et al., "Kisspeptin modulates sexual and emotional brain processing in humans," *Journal of Clinical Investigation*, 2017, 127(2), p. 709
- 40. Cho, M. M., et al., "The effects of oxytocin and vasopressin on partner preferences in male and female prairie voles (*Microtus ochrogaster*)," 1999, *Behavioral Neuroscience*, 113(5), pp. 1071–9

- <u>41</u>. Gardner, E. L., "Introduction: Addiction and brain reward and anti-reward pathways," *Advances in Psychosomatic Medicine*, 2011, 30, pp. 22–60
- <u>42</u>. Nephew, B. C., "Behavioral roles of oxytocin and vasopressin," in T. Sumiyoshi (ed.), *Neuroendocrinology and Behavior*, InTech, 2012
- <u>43</u>. Bales, K. L., et al., "Neural correlates of pair-bonding in a monogamous primate," *Brain Research*, 2007, 1184, pp. 245–53
- <u>44</u>. Young, L. J., and Z. Wang, "The neurobiology of pair bonding," *Nature Neuroscience*, 2004, 7(10), pp. 1048–54
- <u>45</u>. Lim, M. M., et al., "Enhanced partner preference in a promiscuous species by manipulating the expression of a single gene," *Nature*, 2004, 429(6993), p. 754
- <u>46</u>. Lim, M. M., E. A. D. Hammock, and L. J. Young, "The role of vasopressin in the genetic and neural regulation of monogamy," *Journal of Neuroendocrinology*, 2004, 16(4), pp. 325–32
- <u>47</u>. Fisher, H. E., et al., "Defining the brain systems of lust, romantic attraction, and attachment," *Archives of Sexual Behavior*, 2002, 31(5), pp. 413–19
- <u>48</u>. Brown, N. J., A. D. Sokal, and H. L. Friedman, "The complex dynamics of wishful thinking: The critical positivity ratio," *American Psychologist*, 2013, 68(9), pp. 801–13
- <u>49</u>. Kottemann, K. L., "The rhetoric of deliberate deception: What catfishing can teach us," University of Louisiana at Lafayette, 2015
- <u>50</u>. Aron, A., et al., "Reward, motivation, and emotion systems associated with early-stage intense romantic love," *Journal of Neurophysiology*, 2005, 94(1), pp. 327–37
- <u>51</u>. Fisher, H., "The drive to love: The neural mechanism for mate selection," *New Psychology of Love*, 2006, pp. 87–115
- <u>52</u>. Savulescu, J., and A. Sandberg, "Neuroenhancement of love and marriage: The chemicals between us," *Neuroethics*, 2008, 1(1), pp. 31–44
- 53. Dayan, P., and Q. J. Huys, "Serotonin, inhibition, and negative mood," *PLOS Computational Biology*, 2008, 4(2), p. e4
- 54. Portas, C. M., B. Bjorvatn, and R. Ursin, "Serotonin and the sleep/wake cycle: special emphasis on microdialysis studies," *Progress in Neurobiology*, 2000, 60(1), pp. 13–35
- 55. Hesse, S., et al., "Serotonin and dopamine transporter imaging in patients with obsessive-compulsive disorder," *Psychiatry Research: Neuroimaging*, 2005, 140(1), pp. 63–72
- 56. Wood, H., "Love on the brain," Nature Reviews Neuroscience, 2001, 2(2), p. 80
- 57. Zeki, S., "The neurobiology of love," FEBS Letters, 2007, 581(14), pp. 2575–9
- 58. Johnson-Laird, P. N., "Mental models and human reasoning," *Proceedings of the National Academy of Sciences*, 2010, 107(43), pp. 18243–50

- <u>59</u>. Acevedo, B. P., et al., "Neural correlates of long-term intense romantic love," *Social Cognitive and Affective Neuroscience*, 2012, 7(2), pp. 145–59
- <u>60</u>. Boynton, P. M., *The Research Companion: A Practical Guide for Those in Social Science, Health and Development*, Taylor and Francis, 2016
- <u>61</u>. "Arranged/forced marriage statistics," *Statistic Brain*, 2016, statisticbrain.com/arrangedmarriage-statistics/
- <u>62</u>. Gahran, A., *Stepping Off the Relationship Escalator: Uncommon Love and Life*, Off the Escalator Enterprises, 2017
- <u>63</u>. Twenge, J. M., R. A. Sherman, and B. E. Wells, "Changes in American adults' reported same-sex sexual experiences and attitudes, 1973–2014," *Archives of Sexual Behavior*, 2016, 45(7), pp. 1713–30
- <u>64</u>. Girl on the Net, "Sexy stories, mostly true," 2017, girlonthenet.com
- 65. Girl on the Net, Girl on the Net: How a Bad Girl Fell in Love, BLINK Publishing, 2016
- <u>66</u>. Wilson, G. D., "Male–female differences in sexual activity, enjoyment and fantasies," *Personality and Individual Differences*, 1987, 8(1), pp. 125–7
- <u>67</u>. Levin, R., and A. Riley, "The physiology of human sexual function," *Psychiatry*, 2007, 6(3), pp. 90–94
- <u>68</u>. McQuaid, J., "Why we love the pain of spicy food," *Wall Street Journal*, 31 December 2014
- <u>69</u>. Person, E. S., "Sexuality as the mainstay of identity: Psychoanalytic perspectives," *Signs: Journal of Women in Culture and Society*, 1980, 5(4), pp. 605–630
- <u>70</u>. Weaver, H., G. Smith, and S. Kippax, "School-based sex education policies and indicators of sexual health among young people: A comparison of the Netherlands, France, Australia and the United States," *Sex Education*, 2005, 5(2), pp. 171–88
- <u>71</u>. Potard, C., et al., "The relationship between parental attachment and sexuality in early adolescence," *International Journal of Adolescence and Youth*, 2017, 22(1), pp. 47–56
- <u>72</u>. Hoffmann, H., E. Janssen, and S. L. Turner, "Classical conditioning of sexual arousal in women and men: Effects of varying awareness and biological relevance of the conditioned stimulus," *Archives of Sexual Behavior*, 2004, 33(1), pp. 43–53
- <u>73</u>. Hatzenbuehler, M. L., J. C. Phelan, and B. G. Link, "Stigma as a fundamental cause of population health inequalities," *American Journal of Public Health*, 2013, 103(5), pp. 813–21

Chapter 6: You've Got to Laugh

- Winston, J. S., J. O'Doherty, and R. J. Dolan, "Common and distinct neural responses during direct and incidental processing of multiple facial emotions," *NeuroImage*, 2003, 20(1), pp. 84–97
- <u>2</u>. Davila-Ross, M., et al., "Chimpanzees (*Pan troglodytes*) produce the same types of 'laugh faces' when they emit laughter and when they are silent," *PLOS ONE*, 2015, 10(6), p. e0127337
- <u>3</u>. Ross, M. D., M. J. Owren, and E. Zimmermann, "Reconstructing the evolution of laughter in great apes and humans," *Current Biology*, 2009, 19(13), pp. 1106–11
- <u>4</u>. Panksepp, J., and J. Burgdorf, "50-kHz chirping (laughter?) in response to conditioned and unconditioned tickle-induced reward in rats: Effects of social housing and genetic variables," *Behavioural Brain Research*, 2000, 115(1), pp. 25–38
- 5. Weisfeld, G. E., "The adaptive value of humor and laughter," *Ethology and Sociobiology*, 1993, 14(2), pp. 141–69
- <u>6</u>. Pellis, S., and V. Pellis, *The Playful Brain: Venturing to the Limits of Neuroscience*, Oneworld Publications, 2013
- <u>7</u>. Wild, B., et al., "Neural correlates of laughter and humour," *Brain*, 2003, 126(10), pp. 2121–38
- <u>8</u>. Selden, S. T., "Tickle," *Journal of the American Academy of Dermatology*, 2004, 50(1), pp. 93–7
- <u>9</u>. Claxton, G., "Why can't we tickle ourselves?," *Perceptual and Motor Skills*, 1975, 41(1), pp. 335–8
- <u>10</u>. Berman, R., "The psychology of tickling and why it makes us laugh," *Big Think*, 2016, bigthink.com
- <u>11</u>. Stafford, T., "Why all babies love peekaboo," *BBC Future*, 2014, bbc.com
- <u>12</u>. Vrticka, P., J. M. Black, and A. L. Reiss, "The neural basis of humour processing," *Nature Reviews Neuroscience*, 2013, 14(12), pp. 860–8
- <u>13</u>. Messinger, D. S., A. Fogel, and K. L. Dickson, "All smiles are positive, but some smiles are more positive than others," *Developmental Psychology*, 2001, 37(5), pp. 642–53
- 14. Scott, S., "Beyond a joke: How to study laughter," *Guardian*, 10 July 2014
- Chan, Y. C., et al., "Towards a neural circuit model of verbal humor processing: An fMRI study of the neural substrates of incongruity detection and resolution," *NeuroImage*, 2013, 66, pp. 169–76
- <u>16</u>. Hempelmann, C. F., and S. Attardo, "Resolutions and their incongruities: Further thoughts on logical mechanisms," *Humor*, 2011, 24(2), pp. 125–49
- <u>17</u>. Franklin, R. G. Jr., and R. B. Adams Jr., "The reward of a good joke: Neural correlates of viewing dynamic displays of stand-up comedy," *Cognitive, Affective and Behavioral*

*Neuroscience*, 2011, 11(4), pp. 508–15

- Pessoa, L., and R. Adolphs, "Emotion processing and the amygdala: From a "low road" to "many roads" of evaluating biological significance," *Nature Reviews Neuroscience*, 2010, 11(11), p. 773
- <u>19</u>. Scott, S. K., et al., "The social life of laughter," *Trends in Cognitive Sciences*, 2014, 18(12), pp. 618–20
- <u>20</u>. Prof. Sophie Scott, 2017, ucl.ac.uk/pals/people/profiles/academic-staff/sophie-scott
- <u>21</u>. Berk, L. S., et al., "Neuroendocrine and stress hormone changes during mirthful laughter," *American Journal of the Medical Sciences*, 1989, 298(6), pp. 390–6
- 22. Dunbar, R. I., et al., "Social laughter is correlated with an elevated pain threshold," *Proceedings of the Royal Society B: Biological Sciences*, 2012, 279(1731), pp. 1161–7
- 23. Manninen, S., et al., "Social laughter triggers endogenous opioid release in humans," *Journal of Neuroscience*, 2017, 37(25), p. 6125
- <u>24</u>. Wildgruber, D., et al., "Different types of laughter modulate connectivity within distinct parts of the laughter perception network," *PLOS ONE*, 2013, 8(5), p. e63441
- 25. Philippon, A. C., L. M. Randall, and J. Cherryman, "The impact of laughter in earwitness identification performance," *Psychiatry, Psychology and Law*, 2013, 20(6), pp. 887–98
- <u>26</u>. Uekermann, J., et al., "Theory of mind, humour processing and executive functioning in alcoholism," *Addiction*, 2007, 102(2), pp. 232–40
- 27. Samson, A. C., et al., "Perception of other people's mental states affects humor in social anxiety," *Journal of Behavior Therapy and Experimental Psychiatry*, 2012, 43(1), pp. 625–31
- <u>28</u>. Wu, C.-L., et al., "Do individuals with autism lack a sense of humor? A study of humor comprehension, appreciation, and styles among high school students with autism," *Research in Autism Spectrum Disorders*, 2014, 8(10), pp. 1386–93
- <u>29</u>. Raine, J., "The evolutionary origins of laughter are rooted more in survival than enjoyment," *The Conversation*, 13 April 2016
- <u>30</u>. Gervais, M., and D. S. Wilson, "The evolution and functions of laughter and humor: A synthetic approach," *Quarterly Review of Biology*, 2005, 80(4), pp. 395–430
- <u>31</u>. Goldstein, J. H., "Cross cultural research: Humor here and there," in A. J. Chapman and H. C. Foot (eds.), *It's a Funny Thing, Humor*, Elsevier, 1977
- <u>32</u>. Provine, R. R., and K. Emmorey, "Laughter among deaf signers," *Journal of Deaf Studies and Deaf Education*, 2006, 11(4), pp. 403–9
- <u>33</u>. Davila-Ross, M., et al., "Chimpanzees (*Pan troglodytes*) produce the same type of 'laugh faces' when they emit laughter and when they are silent," *PLOS ONE*, 2015,

10(6), p. e0127337

- <u>34</u>. Cowan, M. L., and A. C. Little, "The effects of relationship context and modality on ratings of funniness," *Personality and Individual Differences*, 2013, 54(4), pp. 496–500
- <u>35</u>. Benazzi, F., and H. Akiskal, "Irritable-hostile depression: Further validation as a bipolar depressive mixed state," *Journal of Affective Disorders*, 2005, 84(2), pp. 197–207
- <u>36</u>. WalesOnline, "No joking but comedian Rhod is Wales' sexiest man," 2010, walesonline.co.uk/lifestyle/showbiz/no-joking-comedian-rhod-wales-1878454
- <u>37</u>. Krebs, R., et al., "Novelty increases the mesolimbic functional connectivity of the substantia nigra/ventral tegmental area (SN/VTA) during reward anticipation: Evidence from high-resolution fMRI," *NeuroImage*, 2011, 58(2), pp. 647–55
- 38. Boldsworth, I., The Mental Podcast, 2017, ianboldsworth.co.uk/the-mental-podcast/
- 39. Boldsworth, I., The ParaPod, 2017, ianboldsworth.co.uk/project/the-parapod/
- <u>40</u>. Hyman, S. E., and R. C. Malenka, "Addiction and the brain: The neurobiology of compulsion and its persistence," *Nature Reviews Neuroscience*, 2001, 2(10), p. 695
- <u>41</u>. Heimberg, R. G., *Social Phobia: Diagnosis, Assessment, and Treatment,* Guilford Press, 1995
- <u>42</u>. Atkinson, J. W., "Motivational determinants of risk-taking behavior," *Psychological Review*, 1957, 64(6 pt 1), p. 359
- <u>43</u>. Samson, A. C., and J. J. Gross, "Humour as emotion regulation: The differential consequences of negative versus positive humour," *Cognition and Emotion*, 2012, 26(2), pp. 375–84
- <u>44</u>. Gil, M., et al., "Social reward: Interactions with social status, social communication, aggression, and associated neural activation in the ventral tegmental area," *European Journal of Neuroscience*, 2013, 38(2), pp. 2308–18
- <u>45</u>. Goh, C., and M. Agius, "The stress-vulnerability model: How does stress impact on mental illness at the level of the brain and what are the consequences?," *Psychiatria Danubina*, 2010, 22(2), pp. 198–202
- <u>46</u>. Gelkopf, M., S. Kreitler, and M. Sigal, "Laughter in a psychiatric ward: Somatic, emotional, social, and clinical influences on schizophrenic patients," *Journal of Nervous and Mental Disease*, 1993, 181(5), pp. 283–9

## Chapter 7: The Dark Side of Happiness

 Flett, G. L., K. R. Blankstein, and T. R. Martin, "Procrastination, negative self-evaluation, and stress in depression and anxiety," in J. R. Ferrari, J. H. Johnson, and W. G. McCown (eds.), *Procrastination and Task Avoidance*, Springer, 1995, pp. 137–67

- Sørensen, L. B., et al., "Effect of sensory perception of foods on appetite and food intake: A review of studies on humans," *International Journal of Obesity*, 2003, 27(10), p. 1152
- <u>3</u>. Myers Ernst, M., and L. H. Epstein, "Habituation of responding for food in humans," *Appetite*, 2002, 38(3), pp. 224–34
- 4. Brennan, P., H. Kaba, and E. B. Keverne, "Olfactory recognition: A simple memory system," *Science*, 1990, 250(4985), pp. 1223–6
- Maldarelli, C., "Here's why twin studies are so important to science and NASA," *Popular Science*, 1 March 2016, popsci.com
- <u>6</u>. Kendler, K. S., et al., "A Swedish national twin study of lifetime major depression," *American Journal of Psychiatry*, 2006, 163(1), pp. 109–14
- <u>7</u>. Kensinger, E. A., and S. Corkin, "Two routes to emotional memory: Distinct neural processes for valence and arousal," *Proceedings of the National Academy of Sciences of the United States of America*, 2004, 101(9), pp. 3310–15
- 8. Hoffmann, H., E. Janssen, and S. L. Turner, "Classical conditioning of sexual arousal in women and men: Effects of varying awareness and biological relevance of the conditioned stimulus," *Archives of Sexual Behavior*, 2004, 33(1), pp. 43–53
- <u>9</u>. Dusenbury, L., et al., "A review of research on fidelity of implementation: Implications for drug abuse prevention in school settings," *Health Education Research*, 2003, 18(2), pp. 237–56
- <u>10</u>. Freeman, B., S. Chapman, and M. Rimmer, "The case for the plain packaging of tobacco products," *Addiction*, 2008, 103(4), pp. 580–90
- <u>11</u>. Christiano, A., and A. Neimand, "Stop raising awareness already," *Stanford Social Innovation Review*, Spring 2017
- Marteau, T. M., G. J. Hollands, and P. C. Fletcher, "Changing human behavior to prevent disease: The importance of targeting automatic processes," *Science*, 2012, 337(6101), p. 1492
- <u>13</u>. Dolcos, F., K. S. LaBar, and R. Cabeza, "Dissociable effects of arousal and valence on prefrontal activity indexing emotional evaluation and subsequent memory: An eventrelated fMRI study," *NeuroImage*, 2004, 23(1), pp. 64–74
- <u>14</u>. Volkow, N. D., G.-J. Wang, and R. D. Baler, "Reward, dopamine and the control of food intake: Implications for obesity," *Trends in Cognitive Sciences*, 2011, 15(1), pp. 37–46
- Petty, R. E., and P. Brinol, "Attitude change," *Advanced Social Psychology*, 2010, pp. 217–59
- <u>16</u>. Beck, J. G., and S. F. Coffey, "Assessment and treatment of PTSD after a motor vehicle collision: Empirical findings and clinical observations," *Professional Psychology:*

Research and Practice, 2007, 38(6), pp. 629–39

- <u>17</u>. Clark, R. E., and L. R. Squire, "Classical conditioning and brain systems: The role of awareness," *Science*, 1998, 280(5360), pp. 77–81
- <u>18</u>. Sharot, T., *The Optimism Bias: A Tour of the Irrationally Positive Brain*, Vintage, 2011
- <u>19</u>. Cummins, R. A., and H. Nistico, "Maintaining life satisfaction: The role of positive cognitive bias," *Journal of Happiness Studies*, 2002, 3(1), pp. 37–69
- <u>20</u>. Sharot, T., et al., "Neural mechanisms mediating optimism bias," *Nature*, 2007, 450(7166), pp. 102–5
- <u>21</u>. Koob, G. F., and M. Le Moal, "Plasticity of reward neurocircuitry and the "dark side" of drug addiction," *Nature Neuroscience*, 2005, 8(11), pp. 1442–4
- 22. Arias-Carrion, O., and E. Poppel, "Dopamine, learning, and reward-seeking behavior," Acta Neurobiologiae Experimentalis, 2007, 67(4), pp. 481–8
- 23. Koob, G. F., and M. Le Moal, "Addiction and the brain antireward system," Annual Review of Psychology, 2008, 59, pp. 29–53
- <u>24</u>. Gardner, E. L., "Introduction: Addiction and brain reward and anti-reward pathways," *Advances in Psychosomatic Medicine*, 2011, 30, pp. 22–60
- <u>25</u>. Arató, M., et al., "Elevated CSF CRF in suicide victims," *Biological Psychiatry*, 25(3), pp. 355–9
- <u>26</u>. Knoll, A. T., and W. A. Carlezon, "Dynorphin, stress, and depression," *Brain Research*, 2010, 1314C, p. 56
- 27. Koob, G. F., and M. L. Moal, "Drug abuse: Hedonic homeostatic dysregulation," Science, 1997, 278(5335), p. 52
- <u>28</u>. "A tale of anxiety and reward—the role of stress and pleasure in addiction relapse," *The Brain Bank North West*, 2014, thebrainbank.scienceblog.com
- <u>29</u>. Michl, P., et al., "Neurobiological underpinnings of shame and guilt: A pilot fMRI study," *Social Cognitive and Affective Neuroscience*, 2014, 9(2), pp. 150–7
- <u>30</u>. Chang, Luke J., et al., "Triangulating the neural, psychological, and economic bases of guilt aversion," *Neuron*, 2011, 70(3), pp. 560–72
- <u>31</u>. Gilovich, T., V. H. Medvec, and K. Savitsky, "The spotlight effect in social judgment: An egocentric bias in estimates of the salience of one's own actions and appearance," *Journal of Personality and Social Psychology*, 2000, 78(2), p. 211
- <u>32</u>. Silani, G., et al., "Right supramarginal gyrus is crucial to overcome emotional egocentricity bias in social judgments," *Journal of Neuroscience*, 2013, 33(39), pp. 15466–76
- <u>33</u>. Wolpert, S., "Brain reacts to fairness as it does to money and chocolate, study shows," *UCLA Newsroom*, 21 April 2008

- <u>34</u>. Tabibnia, G., and M. D. Lieberman, "Fairness and cooperation are rewarding," *Annals of the New York Academy of Sciences*, 2007, 1118(1), pp. 90–101
- <u>35</u>. Denke, C., et al., "Belief in a just world is associated with activity in insula and somatosensory cortices as a response to the perception of norm violations," *Social Neuroscience*, 2014, 9(5), pp. 514–21
- <u>36</u>. Blackwood, N., et al., "Self-responsibility and the self-serving bias: An fMRI investigation of causal attributions," *NeuroImage*, 2003, 20(2), pp. 1076–85
- <u>37</u>. O'Connor, Z., "Colour psychology and colour therapy: Caveat emptor," *Color Research and Application*, 2011, 36(3), pp. 229–34
- <u>38</u>. Utevsky, A. V., and M. L. Platt, "Status and the brain," *PLOS Biology*, 2014, 12(9), p. e1001941
- <u>39</u>. Costandi, M., "The brain boasts its own social network," *Scientific American*, 20 April 2017
- <u>40</u>. Gil, M., et al., "Social reward: Interactions with social status, social communication, aggression, and associated neural activation in the ventral tegmental area," *European Journal of Neuroscience*, 2013, 38(2), pp. 2308–18
- <u>41</u>. Samson, A. C., and J. J. Gross, "Humour as emotion regulation: The differential consequences of negative versus positive humour," *Cognition and Emotion*, 2012, 26(2), pp. 375–84
- <u>42</u>. Isenberg, D. J., "Group polarization: A critical review and meta-analysis," *Journal of Personality and Social Psychology*, 1986, 50(6), p. 1141
- <u>43</u>. Scheepers, D., et al., "The neural correlates of in-group and self-face perception: Is there overlap for high identifiers?," *Frontiers in Human Neuroscience*, 2013, 7, p. 528
- <u>44</u>. Murphy, J. M., et al., "Depression and anxiety in relation to social status: A prospective epidemiologic study," *Archives of General Psychiatry*, 1991, 48(3), pp. 223–9
- <u>45</u>. De Dreu, C. K., et al., "Oxytocin promotes human ethnocentrism," *Proceedings of the National Academy of Sciences*, 2011, 108(4), pp. 1262–6
- <u>46</u>. Hart, A. J., et al., "Differential response in the human amygdala to racial outgroup vs ingroup face stimuli," *NeuroReport*, 2000, 11(11), pp. 2351–4
- <u>47</u>. Avenanti, A., A. Sirigu, and S. M. Aglioti, "Racial bias reduces empathic sensorimotor resonance with other-race pain," *Current Biology*, 2010, 20(11), pp. 1018–22
- <u>48</u>. Zebrowitz, L. A., B. White, and K. Wieneke, "Mere exposure and racial prejudice: Exposure to other-race faces increases liking for strangers of that race," *Social Cognition*, 2008, 26(3), pp. 259–75
- <u>49</u>. Rupp, H. A., and K. Wallen, "Sex differences in response to visual sexual stimuli: A review," *Archives of Sexual Behavior*, 2008, 37(2), pp. 206–18

- <u>50</u>. Cummins, R. G., "Excitation transfer theory," *International Encyclopedia of Media Effects*, 2017, pp. 1–9
- 51. Blaszczynski, A., and L. Nower, "A pathways model of problem and pathological gambling," *Addiction*, 2002, 97(5), pp. 487–99
- <u>52</u>. De Brabander, B., et al., "Locus of control, sensation seeking, and stress," *Psychological Reports*, 1996, 79(3 Pt 2), pp. 1307–12
- <u>53</u>. Patoine, B., "Desperately seeking sensation: Fear, reward, and the human need for novelty," *Dana Foundation*, 13 October 2009
- <u>54</u>. Bouter, L. M., et al., "Sensation seeking and injury risk in downhill skiing," *Personality and Individual Differences*, 1988, 9(3), pp. 667–73
- 55. McCutcheon, K., "Haemophobia," Journal of Perioperative Practice, 2015, 25(3), p. 31
- <u>56</u>. Burnett, D., "James Foley's murder, and the psychology of our fascination with the gruesome," *Telegraph*, 20 August 2014
- <u>57</u>. Varma-White, K., "Morbid curiosity: Why we can't look away from tragic images," TODAY.com, 19 July 2014
- 58. Brakoulias, V., et al., "The characteristics of unacceptable/taboo thoughts in obsessivecompulsive disorder," *Comprehensive Psychiatry*, 2013, 54(7), pp. 750–7
- 59. Roberts, P., "Forbidden thinking," *Psychology Today*, 1 May 1995
- <u>60</u>. Johnson-Laird, P. N., "Mental models and human reasoning," *Proceedings of the National Academy of Sciences*, 2010, 107(43), pp. 18243–50
- <u>61</u>. Wegner, D. M., et al., "Paradoxical effects of thought suppression," *Journal of Personality and Social Psychology*, 1987, 53(1), pp. 5–13
- <u>62</u>. Mann, T., and A. Ward, "Forbidden fruit: Does thinking about a prohibited food lead to its consumption?," *International Journal of Eating Disorders*, 2001, 29(3), pp. 319–27
- <u>63</u>. Etchells, P. J., et al., "Prospective investigation of video game use in children and subsequent conduct disorder and depression using data from the Avon longitudinal study of parents and children," *PLOS ONE*, 2016, 11(1), p. e0147732

## Chapter 8: Happiness Through the Ages

- <u>1</u>. Burnett, D., "Women and yogurt: What's the connection?," *Guardian*, 30 August 2013
- <u>2</u>. Straus, W. Jr., and A. J. E. Cave, "Pathology and the posture of Neanderthal man," *Quarterly Review of Biology*, 1957, 32(4), pp. 348–63
- <u>3</u>. Lee, M., "Why are babies' heads so large in proportion to their body sizes?," livestrong.com, 13 June 2017

- <u>4</u>. Barras, C., "The real reasons why childbirth is so painful and dangerous," bbc.com, 22 December 2016
- Shonkoff, J. P., and D. A. Phillips (eds.), "From neurons to neighborhoods: The science of early childhood development," National Research Council and Institute of Medicine, 2000
- 6. Harlow, H. F., "Love in infant monkeys," Scientific American, 1959
- <u>7</u>. Houston, S. M., M. M. Herting, and E. R. Sowell, "The neurobiology of childhood structural brain development: Conception through adulthood," *Current Topics in Behavioral Neurosciences*, 2014, 16, pp. 3–17
- 8. Stafford, T., "Why all babies love peekaboo," bbc.com, 18 April 2014
- <u>9</u>. Center on the Developing Child, "Five numbers to remember about early childhood development," 2009, www.developingchild.harvard.edu
- <u>10</u>. Dahl, R. E., "Sleep and the developing brain," *Sleep*, 2007, 30(9), pp. 1079–80
- <u>11</u>. Danese, A., and B. S. McEwen, "Adverse childhood experiences, allostasis, allostatic load, and age-related disease," *Physiology and Behavior*, 2012, 106(1), pp. 29–39
- Shonkoff, J. P., et al., "The lifelong effects of early childhood adversity and toxic stress," *Pediatrics*, 2012, 129(1), pp. e232–46
- <u>13</u>. Avants, B., et al., "Early childhood home environment predicts frontal and temporal cortical thickness in the young adult brain," Society for Neuroscience annual meeting, 2012
- <u>14</u>. Jack, F., et al., "Maternal reminiscing style during early childhood predicts the age of adolescents' earliest memories," *Child Development*, 2009, 80(2), pp. 496–505
- <u>15</u>. Brink, T. T., et al., "The role of orbitofrontal cortex in processing empathy stories in fourto eight-year-old children," *Frontiers in Psychology*, 2011, 2, p. 80
- <u>16</u>. Neisser, U., et al., "Intelligence: knowns and unknowns," *American Psychologist*, 1996, 51(2), p. 77
- <u>17</u>. Sherif, M., et al., *Intergroup Conflict and Cooperation: The Robbers Cave Experiment*, Wesleyan, 1954/1961
- Houston, S. M., et al., "The neurobiology of childhood structural brain development: Conception through adulthood," *Current Topics in Behavioral Neurosciences*, 2014, 16, pp. 3–17
- <u>19</u>. Galbally, M., et al., "The role of oxytocin in mother–infant relations: A systematic review of human studies," *Harvard Review of Psychiatry*, 2011, 19(1), pp. 1–14
- <u>20</u>. Wan, M. W., et al., "The neural basis of maternal bonding," *PLOS ONE*, 2014, 9(3), p. e88436

- <u>21</u>. Magon, N., and S. Kalra, "The orgasmic history of oxytocin: Love, lust, and labor," *Indian Journal of Endocrinology and Metabolism*, 2011, 15(7), p. 156
- 22. Noriuchi, M., Y. Kikuchi, and A. Senoo, "The functional neuroanatomy of maternal love: Mother's response to infant's attachment behaviors," *Biological Psychiatry*, 2008, 63(4), pp. 415–23
- 23. Schore, A. N., "Effects of a secure attachment relationship on right brain development, affect regulation, and infant mental health," *Infant Mental Health Journal*, 2001, 22(1–2), pp. 7–66
- <u>24</u>. Ainsworth, M. D. S., et al., *Patterns of Attachment: A Psychological Study of the Strange Situation*, Psychology Press, 2015
- <u>25</u>. Wiseman, H., O. Mayseless, and R. Sharabany, "Why are they lonely? Perceived quality of early relationships with parents, attachment, personality predispositions and loneliness in first-year university students," *Personality and Individual Differences*, 2006, 40(2), pp. 237–48
- <u>26</u>. Blustein, D. L., M. S. Prezioso, and D. P. Schultheiss, "Attachment theory and career development," *Counseling Psychologist*, 1995, 23(3), pp. 416–32
- <u>27</u>. Potard, C., et al., "The relationship between parental attachment and sexuality in early adolescence," *International Journal of Adolescence and Youth*, 2017, 22(1), pp. 47–56
- <u>28</u>. Baumrind, D., "The influence of parenting style on adolescent competence and substance use," *Journal of Early Adolescence*, 1991, 11(1), pp. 56–95
- <u>29</u>. Haycraft, E., and J. Blissett, "Eating disorder symptoms and parenting styles," *Appetite*, 2010, 54(1), pp. 221–4
- <u>30</u>. Baumrind, D., "Current patterns of parental authority," *Developmental Psychology*, 1971, 4(1 pt 2), p. 1
- <u>31</u>. Foster, A. D., and M. R. Rosenzweig, "Learning by doing and learning from others: Human capital and technical change in agriculture," *Journal of Political Economy*, 1995, 103(6), pp. 1176–1209
- <u>32</u>. Landry, S. H., et al., "Does early responsive parenting have a special importance for children's development or is consistency across early childhood necessary?," *Developmental Psychology*, 2001, 37(3), pp. 387–403
- <u>33</u>. Kaplowitz, P. B., et al., "Earlier onset of puberty in girls: Relation to increased body mass index and race," *Pediatrics*, 2001, 108(2), p. 347
- <u>34</u>. Neubauer, A. C., and A. Fink, "Intelligence and neural efficiency: Measures of brain activation versus measures of functional connectivity in the brain," *Intelligence*, 2009, 37(2), pp. 223–9

- <u>35</u>. Santos, E., and C. A. Noggle, "Synaptic pruning," in S. Goldstein and J. A. Naglieri (eds.), *Encyclopedia of Child Behavior and Development*, Springer, 2011, pp. 1464–5
- <u>36</u>. Carskadon, M. A., "Patterns of sleep and sleepiness in adolescents," *Pediatrician*, 1990, 17(1), pp. 5–12
- <u>37</u>. Owens, J. A., K. Belon, and P. Moss, "Impact of delaying school start time on adolescent sleep, mood, and behavior," *Archives of Pediatrics and Adolescent Medicine*, 2010, 164(7), pp. 608–14
- <u>38</u>. McClintock, M. K., and G. Herdt, "Rethinking puberty: The development of sexual attraction," *Current Directions in Psychological Science*, 1996, 5(6), pp. 178–83
- <u>39</u>. Casey, B. J., R. M. Jones, and T. A. Hare, "The adolescent brain," *Annals of the New York Academy of Sciences*, 2008, 1124(1), pp. 111–26
- <u>40</u>. Spear, L. P., "The adolescent brain and age-related behavioral manifestations," *Neuroscience and Biobehavioral Reviews*, 2000, 24(4), pp. 417–63
- <u>41</u>. Reyna, V. F., and F. Farley, "Risk and rationality in adolescent decision making: Implications for theory, practice, and public policy," *Psychological Science in the Public Interest*, 2006, 7(1), pp. 1–44
- <u>42</u>. Lenroot, R. K., and J. N. Giedd, "Brain development in children and adolescents: Insights from anatomical magnetic resonance imaging," *Neuroscience and Biobehavioral Reviews*, 2006, 30(6), pp. 718–29
- <u>43</u>. Henry, J. P., "Biological basis of the stress response," *Integrative Physiological and Behavioral Science*, 1992, 27(1), pp. 66–83
- <u>44</u>. Philpot, R. M., and L. Wecker, "Dependence of adolescent novelty-seeking behavior on response phenotype and effects of apparatus scaling," *Behavioral Neuroscience*, 2008, 122(4), pp. 861–75
- <u>45</u>. Walter, C., *Last Ape Standing: The Seven-Million-Year Story of How and Why We Survived*, Bloomsbury Publishing USA, 2013
- <u>46</u>. Weon, B. M., and J. H. Je, "Theoretical estimation of maximum human lifespan," *Biogerontology*, 2009, 10(1), pp. 65–71
- <u>47</u>. Deng, W., J. B. Aimone, and F. H. Gage, "New neurons and new memories: How does adult hippocampal neurogenesis affect learning and memory?," *Nature Reviews Neuroscience*, 2010, 11(5), pp. 339–50
- <u>48</u>. Rakic, P., "Neurogenesis in adult primate neocortex: An evaluation of the evidence," *Nature Reviews Neuroscience*, 2002, 3(1), pp. 65–71
- <u>49</u>. Shephard, E., G. M. Jackson, and M. J. Groom, "Learning and altering behaviours by reinforcement: Neurocognitive differences between children and adults," *Developmental Cognitive Neuroscience*, 2014, 7: pp. 94–105

- <u>50</u>. Nisbett, R. E., et al., "Intelligence: New findings and theoretical developments," *American Psychologist*, 2012, 67(2), pp. 130–59
- <u>51</u>. Esch, T., and G. B. Stefano, "The neurobiology of stress management," *Neuroendocrinology Letters*, 2010, 31(1), pp. 19–39
- <u>52</u>. Goh, C., and M. Agius, "The stress-vulnerability model: How does stress impact on mental illness at the level of the brain and what are the consequences?," *Psychiatria Danubina*, 2010, 22(2), pp. 198–202
- 53. Ulrich-Lai, Y. M., et al., "Pleasurable behaviors reduce stress via brain reward pathways," *Proceedings of the National Academy of Sciences of the United States of America*, 2010, 107(47), pp. 20529–34
- <u>54</u>. Milman, A., "The impact of tourism and travel experience on senior travelers' psychological well-being," *Journal of Travel Research*, 1998, 37(2), pp. 166–70
- 55. Glocker, M. L., et al., "Baby schema in infant faces induces cuteness perception and motivation for caretaking in adults," *Ethology*, 2009, 115(3), pp. 257–63
- 56. "Holly Brockwell," from www.hollybrockwell.com
- 57. Brockwell, H., "Why can't I get sterilised in my 20s?," Guardian, 28 January 2015
- <u>58</u>. Feldman, S., "Structure and consistency in public opinion: The role of core beliefs and values," *American Journal of Political Science*, 1988, pp. 416–40
- <u>59</u>. Moussavi, S., et al., "Depression, chronic diseases, and decrements in health: Results from the World Health Surveys," *Lancet*, 2007, 370(9590), pp. 851–8
- <u>60</u>. Pinquart, M., "Creating and maintaining purpose in life in old age: A meta-analysis," *Ageing International*, 2002, 27(2), pp. 90–114
- 61. Bonanno, G. A., et al., "Resilience to loss and chronic grief: A prospective study from preloss to 18-months postloss," *Journal of Personality and Social Psychology*, 2002, 83(5), p. 1150
- <u>62</u>. Chang, S. H., and M. S. Yang, "The relationships between the elderly loneliness and its factors of personal attributes, perceived health status and social support," *Kaohsiung Journal of Medical Sciences*, 1999, 15(6), pp. 337–47
- <u>63</u>. Peters, R., "Ageing and the brain," *Postgraduate Medical Journal*, 2006, 82(964), pp. 84–8
- <u>64</u>. Myers, B. L., and P. Badia, "Changes in circadian rhythms and sleep quality with aging: Mechanisms and interventions," *Neuroscience and Biobehavioral Reviews*, 1996, 19(4), pp. 553–71
- 65. Whalley, L. J., "Brain ageing and dementia: What makes the difference?," *British Journal of Psychiatry*, 2002, 181(5), p. 369

- <u>66</u>. Ebner, N. C., and H. Fischer, "Emotion and aging: Evidence from brain and behavior," *Frontiers in Psychology*, 2014, 5, p. 996
- <u>67</u>. Chapman, S. B., et al., "Shorter term aerobic exercise improves brain, cognition, and cardiovascular fitness in aging," *Frontiers in Aging Neuroscience*, 2013, 5
- <u>68</u>. Almeida, R. P., et al., "Effect of cognitive reserve on age-related changes in cerebrospinal fluid biomarkers of Alzheimer disease," *JAMA Neurology*, 2015, 72(6), pp. 699–706
- 69. "Elderly playgrounds," Injury Prevention, 2006, 12(3), p. 170
- <u>70</u>. Sharot, T., *The Optimism Bias: A Tour of the Irrationally Positive Brain*, Vintage, 2011
- <u>71</u>. Burnett, D., "'Your film has ruined my childhood!' Why nostalgia trumps logic on remakes," *Guardian*, 1 June 2016
- <u>72</u>. Sedikides, C., and T. Wildschut, "Past forward: Nostalgia as a motivational force," *Trends in Cognitive Sciences*, 2016, 20(5), pp. 319–21
- <u>73</u>. Zhou, X., et al., "Counteracting loneliness," *Psychological Science*, 2008, 19(10), pp. 1023–9
- <u>74</u>. Caspari, R., "The evolution of grandparents," *Scientific American*, 2011, 305(2), pp. 44–
  9
- <u>75</u>. Jago, C., "Always Look on the Bright Side of Death," 2017, http://rationalcancer.blogspot.com/