

## OPEN

# References

- Adelman, George. 2010. "The Neurosciences Research Program at MIT and the Beginning of the Modern Field of Neuroscience." *Journal of the History of the Neurosciences* 19 (1): 15–23.
- Alaimo, Stacy, and Susan Hekman, eds. 2008. *Material Feminisms*. Bloomington, IN: Indiana University Press.
- Alberts, Bruce, Alexander Johnson, Julian Lewis, Martin Raff, Keith Roberts, and Peter Walter. 2002. *Molecular Biology of the Cell. 4 edition. The Extracellular Matrix of Animals*. New York, NY: Garland Science. Available from <http://www.ncbi.nlm.nih.gov/books/NBK26810/>. Accessed 3 September 2015.
- Ali, Sabrina S., Michael Lifshitz, and Amir Raz. 2014. "Empirical Neuroenchantment: From Reading Minds to Thinking Critically." *Frontiers in Human Neuroscience* 8: 357.
- Amodio, David M., and Chris D. Frith. 2006. "Meeting of Minds: The Medial Frontal Cortex and Social Cognition." *Nature Reviews Neuroscience* 7 (4): 268–277.
- Andersen, Hanne, and Susann Wagenknecht. 2012. "Epistemic Dependence in Interdisciplinary Groups." *Synthese* 190 (11): 1881–1898.
- Ankeny, Rachel A., Sabina Leonelli, Nicole C. Nelson, and Edmund Ramsden. 2014. "Making Organisms Model Human Behavior: Situated Models in North-American Alcohol Research, since 1950." *Science in Context* 27 (3): 485–509.
- Arts & Humanities Research Council. 2015. "Science in Culture: Theme Overview." *Arts and Humanities Research Council*. <http://www.ahrc.ac.uk/Funding->

- Opportunities/Research-funding/Themes/Science-in-Culture/Pages/Science-in-Culture.aspx. Accessed 3 September 2015.
- Association of Neuroesthetics. 2015. "Association of Neuroesthetics." <http://www.association-of-neuroesthetics.org>. Accessed 15 July 2015.
- Atkinson, Sarah, Bethan Evans, Angela Woods, and Robin Kearns. 2015. "'The Medical' and 'Health' in a Critical Medical Humanities." *Journal of Medical Humanities* 36 (1): 71–81.
- Balmer, Andrew S. 2013. "Play in Interdisciplinary Collaboration between Natural and Social Scientists." Presented at the STS Seminar Series, University College London. [https://www.academia.edu/3616694/Play\\_in\\_Interdisciplinary\\_Collaboration\\_between\\_Natural\\_and\\_Social\\_Scientists](https://www.academia.edu/3616694/Play_in_Interdisciplinary_Collaboration_between_Natural_and_Social_Scientists). Accessed 3 September 2015.
- Balmer, Andrew S., Kate J. Bulpin, Jane Calvert, Matthew Kearnes, Adrian Mackenzie, Claire Marris, Paul Martin, Susan Molyneux-Hodgson, and Pablo Schyfter. 2012. "Towards a Manifesto for Experimental Collaborations between Social and Natural Scientists." <https://experimentalcollaborations.wordpress.com/2012/07/03/towards-a-manifesto-for-experimental-collaborations-between-social-and-natural-scientists/>. Accessed 3 September 2015.
- Barad, Karen. 2007. *Meeting the Universe Halfway: Quantum Physics and the Entanglement of Matter and Meaning*. Durham, NC: Duke University Press.
- . 2008. "Posthumanist Performativity: Toward an Understanding of How Matter Comes to Matter." In *Material Feminisms*, edited by Stacy Alaimo and Susan Hekman, 120–156. Bloomington, IN: Indiana University Press.
- . 2011. "Erasers and Erasures: Pinch's Unfortunate 'Uncertainty Principle.'" *Social Studies of Science* 41 (3): 443–454.
- Baron-Cohen, Simon. 2003. *The Essential Difference: The Truth about the Male and Female Brain*. New York: Basic Books.
- Barry, Andrew, and Georgina Born. 2013. "Interdisciplinarity: Reconfigurations of the Social and Natural Sciences." In *Interdisciplinarity: Reconfigurations of the Social and Natural Sciences*, edited by Andrew Barry and Georgina Born, 1–56. London: Routledge.
- Barry, Andrew, Georgina Born, and Gisa Weszkalnys. 2008. "Logics of Interdisciplinarity." *Economy and Society* 37 (1): 20–49.
- Bartlett, Christopher A., and Sumantra Ghoshal. 1990. "Matrix Management: Not a Structure, a Frame of Mind." *Harvard Business Review* 68 (4): 138–145.

- Bennett, Craig M., George L. Wolford, and Michael B. Miller. 2009. "The Principled Control of False Positives in Neuroimaging." *Social Cognitive and Affective Neuroscience* 4 (4): 417–422.
- Berlant, Lauren, and Lee Edelman. 2014. *Sex, or the Unbearable*. Durham, NC: Duke University Press.
- Berson, Josh. 2015. *Computable Bodies: Instrumented Life and the Human Somatic Niche*. London: Bloomsbury Academic.
- BIOS. 2015. "About Us." BIOS. <http://www.bios-research.com/>. Accessed 24 July 2015.
- Biswal, Bharat, F. Zerrin Yetkin, Victor M. Haughton, and James S. Hyde. 1995. "Functional Connectivity in the Motor Cortex of Resting Human Brain Using Echo-Planar MRI." *Magnetic Resonance in Medicine* 34 (4): 537–541.
- Blackman, Lisa. 2014. "Affect and Automaticity: Towards an Analytics of Experimentation." *Subjectivity* 7 (4): 362–384.
- Bluhm, Robyn, Anne Jaap Jacobson, and Heidi Lene Maibon, eds. 2012. *Neurofeminism: Issues at the Intersection of Feminist Theory and Cognitive Science*. London: Palgrave Macmillan.
- Braidotti, Rosi. 2010. "The Politics of 'Life Itself' and New Ways of Dying." In *New Materialisms: Ontology, Agency, and Politics*, edited by Diana H. Coole and Frost Frost, 201–220. Durham, NC: Duke University Press.
- Butler, Judith. 1993. *Bodies That Matter: On the Discursive Limits of "Sex."* New York: Routledge.
- . 1997. *The Psychic Life of Power: Theories in Subjection*. Stanford, CA: Stanford University Press.
- Byrne, Sarah. 2014. "Interdisciplinary Research: Why It's Seen as a Risky Route." *The Guardian*, February 19. <http://www.theguardian.com/higher-education-network/blog/2014/feb/19/interdisciplinary-research-universities-academic-careers>. Accessed 3 September 2015.
- Cacioppo, John T. 2002. *Foundations in Social Neuroscience*. Boston, MA: MIT Press.
- Cacioppo, John T., and Gary G. Berntson. 1992. "Social Psychological Contributions to the Decade of the Brain: Doctrine of Multilevel Analysis." *American Psychologist* 47 (8): 1019–1028.
- Cacioppo, John T., Stephanie Cacioppo, Stephanie Dulawa, and Abraham A. Palmer. 2014. "Social Neuroscience and Its Potential Contribution to Psychiatry." *World Psychiatry* 13 (2): 131–139.

- Callard, Felicity. 2003. "The Taming of Psychoanalysis in Geography." *Social & Cultural Geography* 4 (3): 295–312.
- . 2013. "Consulting Rooms: Notes towards a Historical Geography of the Psychoanalytic Setting." In *Psychoanalytic Geographies*, edited by Paul Kingsbury and Steve Pile, 73–78 Farnham, Surrey: Ashgate.
- Callard, Felicity, and Des Fitzgerald. 2014. "Experimental Control: What Does It Mean for a Participant to 'Feel Free'?" *Consciousness and Cognition* 27 (July): 231–232.
- Callard, Felicity, Des Fitzgerald, and Angela Woods. 2015. "Interdisciplinary Collaboration in Action: Tracking the Signal, Tracing the Noise." *Palgrave Communications* 1 (July): 15019.
- Callard, Felicity, Des Fitzgerald, Simone Kühn, and Ulla Schmid. 2012a. "Experimental Entanglements in Cognitive Neuroscience." <https://experimentalentanglements.wordpress.com>. Accessed 3 September 2015.
- Callard, Felicity, and Daniel S. Margulies. 2011. "The Subject at Rest: Novel Conceptualizations of Self and Brain from Cognitive Neuroscience's Study of the 'resting State.'" *Subjectivity* 4 (3): 227–257.
- . 2014. "What We Talk about When We Talk about the Default Mode Network." *Frontiers in Human Neuroscience* 8: 619.
- Callard, Felicity, Jonathan Smallwood, and Daniel S. Margulies. 2012. "Default Positions: How Neuroscience's Historical Legacy Has Hampered Investigation of the Resting Mind." *Frontiers in Cognition* 3: 321.
- Callard, Felicity, Diana Rose, and Til Wykes. 2012. "Close to the Bench as well as at the Bedside: Involving Service Users in All Phases of Translational Research." *Health Expectations* 15 (4): 389–400.
- Callard, Felicity, Diana Rose, Emma-Louise Hanif, Jody Quigley, Kathryn Greenwood, and Til Wykes. 2012b. "Holding Blame at Bay? 'Gene Talk' in Family Members' Accounts of Schizophrenia Aetiology." *BioSocieties* 7 (3): 273–293.
- Callard, Felicity, Jonathan Smallwood, Johannes Golchert, and Daniel S. Margulies. 2013. "The Era of the Wandering Mind? Twenty-First Century Research on Self-Generated Mental Activity." *Frontiers in Perception Science* 4: 891.
- Cantor, David, and Edmund Ramsden, eds. 2014. *Stress, Shock, and Adaptation in the Twentieth Century*. Rochester, NY: University of Rochester Press.
- Center for Neuroscience & Society, University of Pennsylvania. 2015. "Neuroscience Boot Camp." <http://neuroethics.upenn.edu/neuroscience-boot-camp>. Accessed 3 September 2015.

- Chiao, Joan Y. 2009. "Cultural Neuroscience: A Once and Future Discipline." *Progress in Brain Research* 178: 287–304.
- Choudhury, Suparna, Saskia Kathi Nagel, and Jan Slaby. 2009. "Critical Neuroscience: Linking Neuroscience and Society through Critical Practice." *BioSocieties* 4: 61–77.
- Choudhury, Suparna. 2010. "Culturing the Adolescent Brain: What Can Neuroscience Learn from Anthropology?" *Social Cognitive and Affective Neuroscience* 5 (2–3): 159–167.
- Choudhury, Suparna, and Jan Slaby, eds. 2012. *Critical Neuroscience: A Handbook of the Social and Cultural Contexts of Neuroscience*. Chichester, W. Sussex: Wiley-Blackwell.
- Choudhury, Suparna, Jan Slaby, and Daniel S. Margulies. 2015. "Research Topic: Critical Neuroscience: The Context and Implications of Human Brain Research." *Frontiers*. <http://journal.frontiersin.org/researchtopic/1708/critical-neuroscience-the-context-and-implications-of-human-brain-research>. Accessed 30 July 2015.
- Collier, Stephen J. n.d. "The Collaboratory Form in Contemporary Anthropology." The Anthropology of the Contemporary Research Collaboratory ([www.anthropos-lab.net](http://www.anthropos-lab.net)). <http://anthropos-lab.net/wp/publications/2007/01/the-collaboratory-form-in-contemporary-anthropology.pdf>. Accessed 3 September 2015.
- Cooter, Roger. 2011. "Re-Presenting the Future of Medicine's Past: Towards a Politics of Survival." *Medical History* 55 (3): 289–294.
- . 2014. "Neural Veils and the Will to Historical Critique: Why Historians of Science Need to Take the Neuro-Turn Seriously." *Isis* 105 (1): 145–154.
- Costandi, Mo. 2008. "EMBL NeuroSchool." *Neurophilosophy*. <http://scienceblogs.com/neurophilosophy/2008/04/03/embl-neuroschool>. Accessed 3 September 2015.
- Critical Neuroscience. n.d. "Critical Neuroscience." <http://www.critical-neuroscience.org>. Accessed 3 September 2015.
- Cromby, John, Tim Newton, and Simon J. Williams. 2011. "Neuroscience and Subjectivity." *Subjectivity* 4 (3): 215–226.
- Davies, Gail. 2010. "Captivating Behaviour: Mouse Models, Experimental Genetics and Reductionist Returns in the Neurosciences." *The Sociological Review* 58 (May): 53–72.
- Dean, Tim. 2009. *Unlimited Intimacy: Reflections on the Subculture of Barebacking*. Chicago, IL: University of Chicago Press.

- Despret, Vinciane. 2004. "The Body We Care for: Figures of Anthropo-Zoo-Genesis." *Body & Society* 10 (2–3): 111–134.
- Dimock, Wai Chee. 2001. "Deep Time: American Literature and World History." *American Literary History* 13 (4): 755–775.
- . 2008. *Through Other Continents: American Literature across Deep Time*. Princeton, NJ: Princeton University Press.
- Dror, Otniel. 2011. "Seeing the Blush: Feeling Emotions." In *Histories of Scientific Observation*, edited by Lorraine Daston and Elizabeth Lunbeck, 326–348. Chicago, IL: University of Chicago Press.
- Dumit, Joseph. 2004. *Picturing Personhood: Brain Scans and Biomedical Identity*. Princeton, NJ: Princeton University Press.
- Durham University. n.d. "2014 Interdisciplinary Conference. Transfusion and Transformation: The Creative Potential of Interdisciplinary Knowledge Exchange." <https://www.dur.ac.uk/ias/2014conference>. Accessed 29 September 2015.
- Dussauge, Isabelle, and Anelis Kaiser. 2012. "Neuroscience and Sex/Gender." *Neuroethics* 5 (3): 211–215.
- Dzeng, Elizabeth. 2013. "How to Inspire Interdisciplinarity: Lessons from the Collegiate System." *The Guardian*. March 15. <http://www.theguardian.com/higher-education-network/blog/2013/mar/15/interdisciplinary-academic-universities-research>. Accessed 3 September 2015.
- Economic and Social Research Council. 2013. "Transforming Social Science." <http://www.esrc.ac.uk/news-and-events/press-releases/26437/transforming-social-science.aspx>. Accessed 3 September 2015.
- Edelman, Lee. 2004. *No Future: Queer Theory and the Death Drive*. Durham, NC: Duke University Press.
- Edwards, Rosalind, Val Gillies, and Nicola Horsley. 2015. "Early Intervention and Evidence-Based Policy and Practice: Framing and Taming." *Social Policy and Society* Online First. doi:10.1017/S1474746415000081.
- Einstein, Gillian, and Margrit Shildrick. 2009. "The Postconventional Body: Rethorising Women's Health." *Social Science & Medicine* 69 (2): 293–300.
- Engerman, David C. 2015. "The Pedagogical Purposes of Interdisciplinary Social Science: A View from Area Studies in the United States." *Journal of the History of the Behavioral Sciences* 51 (1): 78–92.
- European Commission. n.d. "Social Sciences & Humanities." *Horizon 2020: The EU Framework Programme for Research and Innovation*. <http://ec.europa.eu/programmes/horizon2020/en/area/social-sciences-humanities#Article>. Accessed 3 September 2015.

- European Network of National Networks studying Gene-Environment Interactions in Schizophrenia (EU-GEI), Jim van Os, Bart P. Rutten, Inez Myin-Germeys, Philippe Delespaul, Wolfgang Viechtbauer, Catherine van Zelst, et al. 2014. "Identifying Gene-Environment Interactions in Schizophrenia: Contemporary Challenges for Integrated, Large-Scale Investigations." *Schizophrenia Bulletin* 40 (4): 729–736.
- European Neuroscience and Society Network. n.d. "European Neuroscience and Society Network." <http://www.kcl.ac.uk/sspp/departments/sshm/research/ENSN/European-Neuroscience-and-Society-Network.aspx>. Accessed 3 September 2015.
- Faris, Robert E. L., and H. Warren Dunham. 1939. *Mental Disorders in Urban Areas: An Ecological Study of Schizophrenia and Other Psychoses*. Chicago, IL: Chicago University Press.
- Farrer, C., and C. D. Frith. 2002. "Experiencing Oneself vs Another Person as Being the Cause of an Action: The Neural Correlates of the Experience of Agency." *NeuroImage* 15 (3): 596–603.
- Fernyhough, Charles, Angela Woods, and Victoria Patton, eds. 2015. *Working Knowledge: Transferable Methodology for Interdisciplinary Research*. <http://www.workingknowledgeps.com>. Accessed 3 September 2015.
- Ferraro, Kenneth F., and Tetyana Pylypiv Shippee. 2009. "Aging and Cumulative Inequality: How Does Inequality Get Under the Skin?" *The Gerontologist* 49 (3): 333–343.
- Filevich, Elisa, Patricia Vanneste, Marcel Brass, Wim Fias, Patrick Haggard, and Simone Kühn. 2013. "Brain Correlates of Subjective Freedom of Choice." *Consciousness and Cognition* 22 (4): 1271–1284.
- Fine, Cordelia. 2010. *Delusions of Gender: How Our Minds, Society, and Neurosexism Create Difference*. New York, NY: W. W. Norton.
- Fitzgerald, Des. 2013. "The Affective Labour of Autism Neuroscience: Entangling Emotions, Thoughts and Feelings in a Scientific Research Practice." *Subjectivity* 6 (2): 131–152.
- Fitzgerald, Des, and Felicity Callard. forthcoming. "Entangling the Medical Humanities." In *Edinburgh Companion to the Critical Medical Humanities*, edited by Anne Whitehead, Angela Woods, Sarah Atkinson, Jane Macnaughton, and Jennifer Richards. Edinburgh: Edinburgh University Press.
- . 2015. "Social Science and Neuroscience beyond Interdisciplinarity: Experimental Entanglements." *Theory, Culture & Society* 32 (1): 3–32.
- . 2014. "Entangled in the Collaborative Turn: Observations from the Field." <http://somatosphere.net/2014/11/entangled.html>. Accessed 3 September 2015.

- Fitzgerald, Des, Nikolas Rose, and Ilina Singh. forthcoming. "Revitalising Sociology: Urban Life and Mental Illness between History and the Present." *British Journal of Sociology*.
- Fitzgerald, Des, Melissa M. Littlefield, Kasper J. Knudsen, James Tonks, and Martin J. Dietz. 2014a. "Ambivalence, Equivocation and the Politics of Experimental Knowledge: A Transdisciplinary Neuroscience Encounter." *Social Studies of Science* 44 (5): 701–721.
- Fitzgerald, Des, Svenja Matusall, Joshua Skewes, and Andreas Roepstorff. 2014b. "What's so Critical about Critical Neuroscience? Rethinking Experiment, Enacting Critique." *Frontiers in Human Neuroscience* 8: 365.
- Fondation Brocher. n.d. "Overview of the Brocher Foundation." [www.brocher.ch](http://www.brocher.ch). <http://www.brocher.ch/en/brocher-foundation-in-brief>. Accessed 3 September 2015.
- Fontaine, Philippe. 2015. "Introduction: The Social Sciences in a Cross-Disciplinary Age." *Journal of the History of the Behavioral Sciences* 51 (1): 1–9.
- Fotopoulou, Aikaterini, Donald W. Pfaff, and Martin A. Conway, eds. 2012. *From the Couch to the Lab: Trends in Psychodynamic Neuroscience*. Oxford: Oxford University Press.
- Foucault, Michel. 1982. "The Subject and Power." *Critical Inquiry* 8 (4): 777–795.
- Frazzetto, Giovanni. 2011. "Teaching How to Bridge Neuroscience, Society, and Culture." *PLoS Biology* 9 (10): e1001178.
- Freed, Peter. 2008. "Research Digest." *Neuropsychoanalysis* 10 (1): 101–104.
- Friedli, Lynne, and Robert Stearn. 2015. "Positive Affect as Coercive Strategy: Conditionality, Activation and the Role of Psychology in UK Government Workfare Programmes." *BMJ Medical Humanities* 41: 40–47.
- Galea, Sandro. 2011. "The Urban Brain: New Directions in Research Exploring the Relation between Cities and Mood-anxiety Disorders." *Depression and Anxiety* 28 (10): 857–862.
- Gallagher, Sean. 2000. "Philosophical Conceptions of the Self: Implications for Cognitive Science." *Trends in Cognitive Sciences* 4 (1): 14–21.
- Ganzel, Barbara L., Pamela A. Morris, and Elaine Wethington. 2010. "Allostasis and the Human Brain: Integrating Models of Stress from the Social and Life Sciences." *Psychological Review* 117 (1): 134–174.
- Gardner, Susan K. 2012. "Paradigmatic Differences, Power, and Status: A Qualitative Investigation of Faculty in One Interdisciplinary



- Research Collaboration on Sustainability Science.” *Sustainability Science* 8 (2): 241–252.
- Geertz, Clifford. 1973. *The Interpretation of Cultures*. New York: Basic Books.
- Goldman, Alvin I. 2006. *Simulating Minds: The Philosophy, Psychology, and Neuroscience of Mindreading*. Oxford: Oxford University Press.
- Goldstein, Kurt. 1995 [1934]. *The Organism: A Holistic Approach to Biology Derived from Pathological Data in Man*. New York: Zone Books.
- Graff, Harvey J. 2015. *Undisciplining Knowledge: Interdisciplinarity in the Twentieth Century*. Baltimore, MD: Johns Hopkins University Press.
- Greco, Monica. 2005. “On the Vitality of Vitalism.” *Theory, Culture & Society* 22 (1): 15–27.
- . 2013. “Logics of Interdisciplinarity: The Case of Medical Humanities.” In *Interdisciplinarity: Reconfigurations of the Social and Natural Sciences*, edited by Andrew Barry and Georgina Born, 226–246. London and New York: Routledge.
- Greenwood, Kathryn, Chi-Fa Hung, Maria Tropeano, Peter McGuffin, and Til Wykes. 2011. “No Association between the Catechol-O-Methyltransferase (COMT) val158met Polymorphism and Cognitive Improvement Following Cognitive Remediation Therapy (CRT) in Schizophrenia.” *Neuroscience Letters* 496 (2): 65–69.
- Grosz, Elizabeth A. 2004. *The Nick of Time: Politics, Evolution, and the Untimely*. Durham, NC: Duke University Press.
- Gupta, Akhil, and James Ferguson. 1992. “Beyond ‘Culture’: Space, Identity, and the Politics of Difference.” *Cultural Anthropology* 7 (1): 6–23.
- Gusnard, Deborah A., and Marcus E. Raichle. 2001. “Searching for a Baseline: Functional Imaging and the Resting Human Brain.” *Nature Reviews Neuroscience* 2 (10): 685–694.
- Hagouel, Anthony. 2012. “Duke Program Blends Neuroscience and Humanities.” *The Duke Chronicle*, November 9. <http://www.dukechronicle.com/article/duke-program-blends-neuroscience-and-humanities>. Accessed 3 September 2015.
- Haraway, Donna. 1985. “Manifesto for Cyborgs: Science, Technology, and Socialist Feminism in the 1980s.” *Socialist Review* 89: 65–108.
- . 1997. *Modest\_Witness@Second\_Millennium.FemaleMan\_Meets\_OncoMouse: Feminism and Technoscience*. London: Routledge.
- . 2003. *The Companion Species Manifesto*. Chicago: Prickly Paradigm Press.

- . 2010. “Staying with the Trouble: Xenoeologies of Home for Companions in the Contested Zones.” *Fieldsights – From the Editorial Office, Cultural Anthropology Online*. July 27. <http://www.culanth.org/fieldsights/289-staying-with-the-trouble-xenoeologies-of-home-for-companions-in-the-contested-zones>.
- Harrison, Paul. 2007. “‘How Shall I Say It ...?’ Relating the Nonrelational.” *Environment and Planning A* 39 (3): 590–608.
- Haueis, Philipp. 2014. “Meeting the Brain on Its Own Terms.” *Frontiers in Human Neuroscience* 8: 815.
- Heinz, Andreas, Daniel J. Müller, Sören Krach, Maurice Cabanis, and Ulrike P. Kluge. 2014. “The Uncanny Return of the Race Concept.” *Frontiers in Human Neuroscience* 8: 836.
- Hertzman, Clyde, and Tom Boyce. 2010. “How Experience Gets under the Skin to Create Gradients in Developmental Health.” *Annual Review of Public Health* 31: 329–347.
- Holmes, Emily A., Michelle G. Craske, and Ann M. Graybiel. 2014. “Psychological Treatments: A Call for Mental-Health Science.” *Nature* 511 (7509): 287–289.
- Horwitz, Ralph I., Mark R. Cullen, Jill Abell, and Jennifer B. Christian. 2013. “(De)Personalized Medicine.” *Science* 339 (6124): 1155–1156.
- Hubbub. 2015. “Transforming How We Understand Rest.” <http://hubbubgroup.org>. Accessed 18 May 2013.
- Hurlburt, Russell T., and Sarah A. Akhter. 2006. “The Descriptive Experience Sampling Method.” *Phenomenology and the Cognitive Sciences* 5 (3–4): 271–301.
- Hyman, Steven E. 2009. “How Adversity Gets under the Skin.” *Nature Neuroscience* 12 (3): 241–243.
- Interacting Minds Centre. 2015. “About the Centre.” <http://interactingminds.au.dk/about-the-centre>. Accessed 3 September 2015.
- Jack, Anthony Ian, and Andreas Roepstorff. 2002. “Introspection and Cognitive Brain Mapping: From Stimulus–response to Script–report.” *Trends in Cognitive Sciences* 6 (8): 333–339.
- Jackson, Mark. 2013. *The Age of Stress: Science and the Search for Stability*. Oxford: Oxford University Press.
- Joel, Daphna, Ricardo Tarrasch, Zohar Berman, Maya Mukamel, and Effi Ziv. 2014. “Queering Gender: Studying Gender Identity in ‘Normative’ Individuals.” *Psychology & Sexuality* 5 (4): 291–321.

- Jones, Owen D., Anthony D. Wagner, David L. Faigman, and Marcus E. Raichle. 2013. "Neuroscientists in Court." *Nature Reviews Neuroscience* 14 (10): 730–736.
- Kafka, Ben. 2012. *The Demon of Writing: Powers and Failures of Paperwork*. New York: Zone Books.
- Kaiser, Anelis, Sven Haller, Sigrid Schmitz, and Cordula Nitsch. 2009. "On Sex/gender Related Similarities and Differences in fMRI Language Research." *Brain Research Reviews* 61 (2): 49–59.
- Kerr, Anne, and Lisa Garforth. 2015. "Affective Practices, Care and Bioscience: A Study of Two Laboratories." *The Sociological Review*. doi:10.1111/1467-954X.12310.
- Klitz, William. 2014. "Whitey Crumbles." *Trends in Genetics* 30 (12): 516–518.
- Knorr Cetina, Karin. 1992. "The Couch, the Cathedral, and the Laboratory: On the Relationship between Experiment and Laboratory in Science." In *Science as Practice and Culture*, edited by Andrew Pickering, 113–138. Chicago, IL: University of Chicago Press.
- Krabbendam, Lydia, Christine I. Hooker, and André Aleman. 2014. "Neural Effects of the Social Environment." *Schizophrenia Bulletin* 40 (2): 248–251.
- Krieger, Nancy. 2001. "Theories for Social Epidemiology in the 21st Century: An Ecosocial Perspective." *International Journal of Epidemiology* 30 (4): 668–677.
- Kubota, Jennifer T., Mahzarin R. Banaji, and Elizabeth A. Phelps. 2012. "The Neuroscience of Race." *Nature Neuroscience* 15 (7): 940–948.
- Kühn, Simone, Charles Fernyhough, Benjamin Alderson-Day, and Russell T. Hurlburt. 2014. "Inner Experience in the Scanner: Can High Fidelity Apprehensions of Inner Experience Be Integrated with fMRI?" *Frontiers in Psychology* 5: 1393.
- Lakoff, Andrew, Stephen J. Collier, and Paul Rabinow. 2006. "What Is a Laboratory in the Human Sciences?" *Anthropology of the Contemporary Research Laboratory*. <http://anthropos-lab.net/wp/publications/2007/08/workingpaperno1.pdf>. Accessed 3 September 2015.
- Landecker, Hannah, and Aaron Panofsky. 2013. "From Social Structure to Gene Regulation, and Back: A Critical Introduction to Environmental Epigenetics for Sociology." *Annual Review of Sociology* 39 (1): 333–357.
- Lane, S.N., N. Odoni, C. Landström, S.J. Whatmore, N. Ward, and S. Bradley. 2011. "Doing Flood Risk Science Differently: An Experiment

- in Radical Scientific Method.” *Transactions of the Institute of British Geographers* 36 (1): 15–36.
- Langleben, Daniel D., James W. Loughead, Warren B. Bilker, Kosha Ruparel, Anna Rose Childress, Samantha I. Busch, and Ruben C. Gur. 2005. “Telling Truth from Lie in Individual Subjects with Fast Event-Related fMRI.” *Human Brain Mapping* 26 (4): 262–272.
- Laplanche, Jean, and J.B. Pontalis. 1968. “Fantasy and the Origins of Sexuality.” *The International Journal of Psycho-Analysis* 49 (1): 1–18.
- Laplanche, Jean. 1989. *New Foundations for Psychoanalysis*. Translated by David Macey. Oxford, UK; New York, NY, USA: Basil Blackwell.
- Latour, Bruno. 2012. “Paris, Invisible City: The Plasma.” *City, Culture and Society* 3 (2): 91–93.
- Latour, Bruno, and Steve Woolgar. 1986. *Laboratory Life: The Construction of Scientific Facts*. Reprint. Princeton, NJ: Princeton University Press.
- Lederbogen, Florian, Peter Kirsch, Leila Haddad, Fabian Streit, Heikto, Philipp Schuch, Stefan Wüst, et al. 2011. “City Living and Urban Upbringing Affect Neural Social Stress Processing in Humans.” *Nature* 474 (7352): 498–501.
- Lee, Ellie, Jan Macvarish, and Pam Lowe. 2014. “The Uses and Abuses of Biology: Neuroscience, Parenting and Family Policy in Britain.” <http://blogs.kent.ac.uk/parentingculturestudies/files/2014/03/UAB-Key-Findings-Report.pdf>. Accessed 3 September 2015.
- Lélé, Sharachchandra, and Richard B. Norgaard. 2005. “Practicing Interdisciplinarity.” *BioScience* 55 (11): 967–975.
- Lende, Daniel H. 2005. “Wanting and Drug Use: A Biocultural Approach to the Analysis of Addiction.” *Ethos* 33 (1): 100–124.
- Lende, Daniel H., and Greg Downey, eds. 2012. *The Encultured Brain: An Introduction to Neuroanthropology*. 1 edition. Cambridge, MA: The MIT Press.
- Levin, Nadine. 2014. “Multivariate Statistics and the Enactment of Metabolic Complexity.” *Social Studies of Science* 44 (4): 555–578.
- Lewis, Glyn, and Margaret Booth. 1994. “Are Cities Bad for Your Mental Health?” *Psychological Medicine* 24 (4): 913–915.
- Leys, Ruth. 2011. “The Turn to Affect: A Critique.” *Critical Inquiry* 37 (3): 434–472.
- Littlefield, Melissa M. 2011. *The Lying Brain: Lie Detection in Science and Science Fiction*. Ann Arbor, MI: University of Michigan Press.
- Littlefield, Melissa M., Des Fitzgerald, Kasper Knudsen, James Tonks, and Martin Dietz. 2014. “Contextualizing Neuro-Collaborations:

- Reflections on a Transdisciplinary fMRI Lie Detection Experiment.” *Frontiers in Human Neuroscience* 8: 149.
- Lury, Celia, Luciana Parisi, and Tiziana Terranova. 2012. “Introduction: The Becoming Topological of Culture.” *Theory, Culture & Society* 29 (4–5): 3–35.
- MacMynowski, Dena P. 2007. “Pausing at the Brink of Interdisciplinarity: Power and Knowledge at the Meeting of Social and Biophysical Science.” *Ecology and Society* 12 (1): 20.
- Mahfoud, Tara, and Sam Maclean. 2015. “Towards Neuro-Social Science: The Politics and Pragmatics of Collaboration.” *Somatosphere: Science, Medicine and Anthropology*. June 10. <http://somatosphere.net/2015/06/towards-neuro-social-science-the-politics-and-pragmatics-of-collaboration.html>. Accessed 3 September 2015.
- Margulies, Daniel S. 2011. “The Salmon of Doubt.” In *Critical Neuroscience: A Handbook of the Social and Cultural Contexts of Neuroscience*, edited by Suparna Choudhury and Jan Slaby, 273–285. Chichester, W. Sussex: Wiley-Blackwell.
- Margulies, Daniel, Joachim Böttger, Aimi Watanabe, and Krzysztof J. Gorgolewski. 2013. “Visualizing the Human Connectome.” *NeuroImage* 80 (October): 445–461.
- Martin, Emily. 2004. “Talking Back to Neuro-Reductionism.” In *Cultural Bodies: Ethnography and Theory*, edited by Helen Thomas and Jamilah Ahmed, 190–211. Oxford: Blackwell.
- Martin, Lauren, and Anna J. Secor. 2014. “Towards a Post-Mathematical Topology.” *Progress in Human Geography* 38 (3): 420–438.
- Martínez Mateo, Marina, Maurice Cabanis, Nicole Cruz de Echeverría Loebell, and Sören Krach. 2012. “Concerns about Cultural Neurosciences: A Critical Analysis.” *Neuroscience & Biobehavioral Reviews* 36 (1): 152–161.
- Massumi, Brian. 2002. *Parables for the Virtual: Movement, Affect, Sensation*. Durham, NC: Duke University Press.
- Matusall, Svenja. 2013. “Social Behavior in the ‘Age of Empathy’? – A Social Scientist’s Perspective on Current Trends in the Behavioral Sciences.” *Frontiers in Human Neuroscience* 7: 236.
- Matusall, Svenja, Ina Kaufmann, and Markus Christen. 2011. “Historical Perspectives on Social Neuroscience.” In *The Oxford Handbook of Social Neuroscience*, edited by Jean Decety and John T. Cacioppo, 9–27. Oxford: Oxford University Press.

- Mayer, Katja, Tomas König, and Helga Nowotny, eds. 2013. "Horizons for Social Sciences and Humanities: Workshop Report." Mykolas Romeris University Press. [http://horizons.mruni.eu/wp-content/uploads/2014/02/ssh\\_mru\\_conference\\_report\\_final.pdf](http://horizons.mruni.eu/wp-content/uploads/2014/02/ssh_mru_conference_report_final.pdf). Accessed 3 September 2015.
- McEwen, Bruce S. 2012. "Brain on Stress: How the Social Environment Gets under the Skin." *Proceedings of the National Academy of Sciences* 109 (Suppl 2): 17180–17185.
- Medical Research Council. n.d. "Skills Development Fellowships." [www.mrc.ac.uk](http://www.mrc.ac.uk). <http://www.mrc.ac.uk/skills-careers/fellowships/skills-development-fellowships>. Accessed 3 September 2015.
- Meloni, Maurizio. 2014a. "Biology without Biologism: Social Theory in a Postgenomic Age." *Sociology* 48 (4): 731–746.
- . 2014b. "How Biology Became Social, and What It Means for Social Theory." *The Sociological Review* 62 (3): 593–614.
- Meyer-Lindenberg, Andreas, and Heike Tost. 2012. "Neural Mechanisms of Social Risk for Psychiatric Disorders." *Nature Neuroscience* 15 (5): 663–668.
- Mitchell, Don. 1995. "There's No Such Thing as Culture: Towards a Reconceptualization of the Idea of Culture in Geography." *Transactions of the Institute of British Geographers*, New Series, 20 (1): 102–116.
- Mol, Annemarie. 2002. *The Body Multiple: Ontology in Medical Practice*. Durham, NC: Duke University Press.
- Morawski, Jill. 2007. "Scientific Selves: Discerning the Subject and the Experimenter in Experimental Psychology in the United States, 1900–1935." In *Psychology's Territories: Historical and Contemporary Perspectives from Different Disciplines*, edited by Mitchell Ash and Thomas Sturm, 129–148. Mahwah, NJ: Lawrence Erlbaum Associates.
- MQ. n.d. "MQ Fellows Award." <http://www.joinmq.org/research/pages/fellows-programme>. Accessed 3 September 2015.
- National Institute of Mental Health. 2015. "Behavioral Science and Integrative Neuroscience Research Branch." *National Institute of Mental Health*. <http://www.nimh.nih.gov/about/organization/dnbbs/behavioral-science-and-integrative-neuroscience-research-branch/index.shtml>. Accessed 24 July 2015.
- National Science Foundation. 2015. "Interdisciplinary Behavioral and Social Science Research (IBSS)." 2015. *Interdisciplinary Behavioral*

- and Social Science Research (IBSS). [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504832](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504832). Accessed 24 July 2015.
- Nature. 2014. "Time for the Social Sciences." *Nature* 517 (7532): 5.
- Nestler, Eric J., and Steven E. Hyman. 2010. "Animal Models of Neuropsychiatric Disorders." *Nature Neuroscience* 13 (10): 1161–1169.
- Ngai, Sianne. 2005. *Ugly Feelings*. Cambridge, MA: Harvard University Press.
- Niewöhner, Jörg. 2015. "Epigenetics: Localizing Biology through Co-Laboration." *New Genetics and Society* 34 (2): 219–242.
- Omi, Yasuhiro. 2012. "Collectivistic Individualism: Transcending a Traditional Opposition." *Culture & Psychology* 18 (3): 403–416.
- Ortega, Francisco, and Fernando Vidal. 2007. "Mapping the Cerebral Subject in Contemporary Culture." *RECIIS: Electronic Journal of Communication Information and Innovation in Health* 1 (2): 255–259.
- Osborne, Thomas. 2013. "Inter That Discipline!" In *Interdisciplinarity: Reconfigurations of the Social and Natural Sciences*, edited by Andrew Barry and Georgina Born, 82–98. London: Routledge.
- Oyserman, Daphna, Heather M. Coon, and Markus Kimmelmeier. 2002. "Rethinking Individualism and Collectivism: Evaluation of Theoretical Assumptions and Meta-Analyses." *Psychological Bulletin* 128 (1): 3–72.
- Panksepp, Jaak, and Mark Solms. 2011. "What Is Neuropsychanalysis? Clinically Relevant Studies of the Minded Brain." *Trends in Cognitive Sciences* 16 (1): 6–8.
- Papoulias, Constantina, and Felicity Callard. 2010. "Biology's Gift: Interrogating the Turn to Affect." *Body & Society* 16 (1): 29–56.
- . 2012. "The Rehabilitation of the Drive in Neuropsychanalysis: From Sexuality to Self-Preservation." In *Freuds Referenzen*, edited by Christina Kirchhoff and Gerhard Scharbert, 189–215. Berlin: Kulturverlag Kadmos.
- Pettit, Michael, Darya Serykh, and Christopher D. Green. 2015. "Multispecies Networks: Visualizing the Psychological Research of the Committee for Research in Problems of Sex." *Isis* 106 (1): 121–149.
- Pickering, Andrew. 2013. "Ontology and Antidisciplinarity." In *Interdisciplinarity: Reconfigurations of the Social and Natural Sciences*, edited by Andrew Barry and Georgina Born, 209–225. London: Routledge.
- Pickersgill, Martyn, and Ira van Keulen, eds. 2011. *Sociological Reflections on the Neurosciences*. Bingley, U.K.: Emerald.

- Pickersgill, Martyn, Jörg Niewöhner, Ruth Müller, Paul Martin, and Sarah Cunningham-Burley. 2013. "Mapping the New Molecular Landscape: Social Dimensions of Epigenetics." *New Genetics and Society* 32 (4): 429–447.
- Poldrack, Russell A. 2006. "Can Cognitive Processes Be Inferred from Neuroimaging Data?" *Trends in Cognitive Sciences* 10 (2): 59–63.
- Priebe, Stefan, Tom Burns, and Tom K. J. Craig. 2013. "The Future of Academic Psychiatry May Be Social." *The British Journal of Psychiatry* 202 (5): 319–320.
- Pykett, Jessica. 2015. *Brain Culture: Shaping Policy through Neuroscience*. Bristol: Policy Press.
- Rabinow, Paul. 2009. "Prosperity, Amelioration, Flourishing: From a Logic of Practical Judgment to Reconstruction." *Law and Literature* 21 (3): 301–320.
- Rabinow, Paul, and Gaymon Bennett. 2012. *Designing Human Practices: An Experiment with Synthetic Biology*. Chicago, IL: Chicago University Press.
- Raichle, Marcus E., Ann Mary MacLeod, Abraham Z. Snyder, William J. Powers, Debra A. Gusnard, and Gordon L. Shulman. 2001. "A Default Mode of Brain Function." *Proceedings of the National Academy of Sciences* 98 (2): 676–682.
- Raikhel, Eugene. 2015. "From the Brain Disease Model to Ecologies of Addiction." In *Revisoning Psychiatry: Cultural Phenomenology, Critical Neuroscience, and Global Mental Health*, edited by Laurence Kirmayer, Robert Lemelson, and Constance Cummings, 375–399. Cambridge: Cambridge University Press.
- Ramsden, Edmund. 2011. "Model Organisms and Model Environments: A Rodent Laboratory in Science, Medicine and Society." *Medical History* 55 (3): 365–368.
- Research Councils UK. n.d. "Applications across Research Council Remits: Supporting Research Across Research Council Boundaries." <http://www.rcuk.ac.uk/funding/fundingagreement>. Accessed 3 September 2015.
- Rheinberger, Hans-Jörg. 2010. *An Epistemology of the Concrete: Twentieth-century Histories of Life*. Durham, NC: Duke University Press.
- Robson, Mary, Angela Woods, and Charles Fernyhough. 2015. "Voice Club." *Working Knowledge: Transferable Methodology for Interdisciplinary Research*. [http://www.workingknowledgeps.com/wp-content/uploads/2015/03/WKPS\\_Voice\\_Club\\_Final.pdf](http://www.workingknowledgeps.com/wp-content/uploads/2015/03/WKPS_Voice_Club_Final.pdf) Accessed 3 September 2015.



- Roepstorff, Andreas, and Chris Frith. 2012. "Neuroanthropology or Simply Anthropology? Going Experimental as Method, as Object of Study, and as Research Aesthetic." *Anthropological Theory* 12 (1): 101–111.
- Rose, Nikolas S. 1996. *Inventing Our Selves: Psychology, Power, and Personhood*. Cambridge: Cambridge University Press.
- . 2013. "The Human Sciences in a Biological Age." *Theory, Culture & Society* 30 (1): 3–34.
- . n.d. "ENSN: European Neuroscience and Society Network. Final Report." European Science Foundation. <https://www.kcl.ac.uk/sspp/departments/sshm/research/ensn/ENSN-Final-Report-January-2013.pdf>. Accessed 3 September 2015.
- Rose, Nikolas S., and Joelle M. Abi-Rached. 2013. *Neuro: The New Brain Sciences and the Management of the Mind*. Princeton, NJ: Princeton University Press.
- Sandi, Carmen, and József Haller. 2015. "Stress and the Social Brain: Behavioural Effects and Neurobiological Mechanisms." *Nature Reviews Neuroscience* 16 (5): 290–304.
- Sapolsky, Robert M. 2005. "The Influence of Social Hierarchy on Primate Health." *Science* 308 (5722): 648–652.
- Sayles, Leonard R. 1976. "Matrix Management: The Structure with a Future." *Organizational Dynamics* 5 (2): 2–17.
- Schaffer, Simon. 2013. "How Disciplines Look." In *Interdisciplinarity: Reconfigurations of the Social and Natural Sciences*, edited by Andrew Barry and Georgina Born, 57–81. London: Routledge.
- Schmitz, Sigrid, and Grit Höppner, eds. 2014a. *Gendered Neurocultures: Feminist and Queer Perspectives on Current Brain Discourses*. Vienna: Zaglossus.
- . 2014b. "Neurofeminism and Feminist Neurosciences: A Critical Review of Contemporary Brain Research." *Frontiers in Human Neuroscience* 8: 546.
- Schoenberger, Erica. 2001. "Interdisciplinarity and Social Power." *Progress in Human Geography* 25 (3): 365–382.
- Seligman, Rebecca, and Ryan A. Brown. 2010. "Theory and Method at the Intersection of Anthropology and Cultural Neuroscience." *Social Cognitive and Affective Neuroscience* 5 (2–3): 130–137.
- Seligman, Rebecca, and Laurence J. Kirmayer. 2008. "Dissociative Experience and Cultural Neuroscience: Narrative, Metaphor and Mechanism." *Culture, Medicine and Psychiatry* 32 (1): 31–64.

- Seligman, Rebecca, Suparna Choudhury, and Laurence Kirmayer. forthcoming. "Locating Culture in the Brain and in the World: From Social Categories to the Ecology of Mind." In *Handbook of Cultural Neuroscience*. New York: Oxford University Press.
- Shapin, Steven, and Simon Schaffer. 1989. *Leviathan and the Air-Pump*. Princeton, NJ: Princeton University Press.
- Simmel, Georg. 2002 [1903]. "The Metropolis and Mental Life." In *The Blackwell City Reader*, edited by Gary Bridge, and Sophie Watson, 11–19. Malden, MA: Blackwell.
- Singh, Iлина. 2012. "Human Development, Nature and Nurture: Working beyond the Divide." *BioSocieties* 7 (3): 308–321.
- Slaby, Jan, and Suparna Choudhury. 2011. "Proposal for a Critical Neuroscience." In *Critical Neuroscience: A Handbook of the Social and Cultural Contexts of Neuroscience*, edited by Suparna Choudhury and Jan Slaby, 27–51. Chichester, W. Sussex Wiley-Blackwell.
- Slaby, Jan, and Shaun Gallagher. 2015. "Critical Neuroscience and Socially Extended Minds." *Theory, Culture & Society*, 32 (1): 33–59.
- Smith, Tiffany Watt. 2014. *On Flinching: Theatricality and Scientific Looking from Darwin to Shell Shock*. Oxford: Oxford University Press.
- Snape, K., R. C. Trembath, and G. M. Lord. 2008. "Translational Medicine and the NIHR Biomedical Research Centre Concept." *QJM: An International Journal of Medicine* 101 (11): 901–906.
- Snyder, Abraham Z., and Marcus E. Raichle. 2012. "A Brief History of the Resting State: The Washington University Perspective." *NeuroImage* 62 (2): 902–910.
- Solms, Mark, and Oliver H. Turnbull. 2011. "What Is Neuropsychanalysis?" *Neuropsychanalysis* 13 (2): 133–145.
- Stavrianakis, Anthony, Gaymon Bennett, Lyle Fearnley, and Paul Rabinow. 2014. "Confusion, Truth, and Bureaucracy: A Reply to Fitzgerald and Callard." December 9. <http://somatosphere.net/2014/12/confusion-truth-and-bureaucracy-a-reply-to-fitzgerald-and-callard.html>. Accessed 3 September 2015.
- Strathern, Marilyn, and Elena Khlinovskaya Rockhill. 2013. "Unexpected Consequences and an Unanticipated Outcome." In *Interdisciplinarity: Reconfigurations of the Social and Natural Sciences*, edited by Andrew Barry and Georgina Born, 119–140. London: Routledge.
- Szszzynski, Bronislaw, and Maialen Galarraga. 2013. "Geoengineering Knowledge: Interdisciplinarity and the Shaping of Climate Engineering Research." *Environment and Planning A* 45 (12): 2817–2824.

- Tate. 2012. "Event Series: Topology." *Tate Modern: What's On*. <http://www.tate.org.uk/whats-on/tate-modern/eventseries/topology>. Accessed 3 September 2015.
- Thompson, Charis. 2005. *Making Parents: The Ontological Choreography of Reproductive Technologies*. Cambridge, MA: MIT Press.
- Toyokawa, Satoshi, Monica Uddin, Karestan C. Koenen, and Sandro Galea. 2012. "How Does the Social Environment 'get into the Mind'? Epigenetics at the Intersection of Social and Psychiatric Epidemiology." *Social Science & Medicine*, 74 (1): 67–74.
- Varese, Filippo, Feikje Smeets, Marjan Drukker, Ritsaert Lieverse, Tineke Lataster, Wolfgang Viechtbauer, John Read, Jim van Os, and Richard P. Bentall. 2012. "Childhood Adversities Increase the Risk of Psychosis: A Meta-Analysis of Patient-Control, Prospective- and Cross-Sectional Cohort Studies." *Schizophrenia Bulletin*, 38 (4): 661–671.
- Viney, William, Felicity Callard, and Angela Woods. 2015. "Critical Medical Humanities: Embracing Entanglement, Taking Risks." *Medical Humanities* 41 (1): 2–7.
- VolkswagenStiftung. n.d. "European Platform for Life Sciences, Mind Sciences, and the Humanities." [https://www.volkswagenstiftung.de/en/funding/completed-initiatives/european-platform.html?tx\\_itaofundinginitiative\\_itaofundinginitiativekeydates\[controller\]=FundingInitiative&cHash=16f8133d244d06a981e3fe74623a2daf](https://www.volkswagenstiftung.de/en/funding/completed-initiatives/european-platform.html?tx_itaofundinginitiative_itaofundinginitiativekeydates[controller]=FundingInitiative&cHash=16f8133d244d06a981e3fe74623a2daf). Accessed 3 September 2015.
- Vul, Edward, Christine Harris, Piotr Winkielman, and Harold Pashler. 2009. "Puzzlingly High Correlations in fMRI Studies of Emotion, Personality, and Social Cognition." *Perspectives on Psychological Science* 4 (3): 274–290.
- Wallimann, Isidor, Nicholas Tatsis, and George V. Zito. 1977. "On Max Weber's Definition of Power." *Australian and New Zealand Journal of Sociology* 13 (3): 231–235.
- Waugh, Patricia. 2015. "The Novel as Therapy: Ministrations of Voice in an Age of Risk." *Journal of the British Academy* 3: 35–68.
- Wellcome Trust. n.d. "Funding." <http://www.wellcome.ac.uk/funding>. Accessed 3 September 2015.
- Wilkes, James. 2015. "Weak Technology: The Voice and Body in Performance." *The Wire*. July. <http://www.thewire.co.uk/in-writing/essays/weak-technology>. Accessed 3 September 2015.
- Wilkes, James, and Sophie Scott. forthcoming. "Poetry and Neuroscience: An Interdisciplinary Conversation." *Configurations*.

- Wilson, Elizabeth A. 2004. *Psychosomatic: Feminism and the Neurological Body*. Durham, NC: Duke University Press.
- . 2009. “‘Would I Had Him with Me Always’: Affects of Longing in Early Artificial Intelligence.” *Isis* 100 (4): 839–847.
- . 2011a. “Neurological Entanglements: The Case of Paediatric Depressions, SSRIs and Suicidal Ideation.” *Subjectivity* 4 (3): 277–297.
- . 2011b. “Another Neurological Scene.” *History of the Present* 1 (2): 149–169.
- . 2015. *Gut Feminism*. Durham, NC: Duke University Press.
- Woods, Angela. 2015. “Interdisciplinary Authorship.” *Working Knowledge: Transferable Methodology for Interdisciplinary Research*. [http://www.workingknowledgeps.com/wp-content/uploads/2015/02/WK\\_Interd\\_Auth\\_FINAL.pdf](http://www.workingknowledgeps.com/wp-content/uploads/2015/02/WK_Interd_Auth_FINAL.pdf). Accessed 3 September 2015.
- Woods, Angela, Nev Jones, Ben Alderson-Day, Felicity Callard, and Charles Fernyhough. 2015. “Experiences of Hearing Voices: Analysis of a Novel Phenomenological Survey.” *The Lancet Psychiatry* 2 (4): 323–331.
- Woods, Angela, Nev Jones, Marco Bernini, Felicity Callard, Ben Alderson-Day, Johanna C. Badcock, Vaughan Bell, et al. 2014. “Interdisciplinary Approaches to the Phenomenology of Auditory Verbal Hallucinations.” *Schizophrenia Bulletin* 40 (Suppl 4) (July): S246–S254.
- Xygalatas, Dimitris, Ivana Konvalinka, Joseph Bulbulia, and Andreas Roepstorff. 2011. “Quantifying Collective Effervescence.” *Communicative & Integrative Biology* 4 (6): 735–738.
- Young, Allan. 2011. “Empathic Cruelty and the Origins of the Social Brain.” In *Critical Neuroscience: A Handbook of the Social and Cultural Contexts of Neuroscience*, edited by Suparna Choudhury and Jan Slaby, 159–176. Chichester, W. Sussex: Wiley-Blackwell.
- . 2012. “The Social Brain and the Myth of Empathy.” *Science in Context* 25 (3): 401–424.



Except where otherwise noted, this work is licensed under a Creative Commons Attribution 3.0 Unported License. To view a copy of this license, visit <https://creativecommons.org/licenses/by/3.0/>

## OPEN

# Index

- academic careers, 10–13, 29, 69, 72–73  
academic grants, *see* funding  
for research; grants  
academic publishing, *see*  
publishing  
addictions, 61  
advice, *see* ‘notes & queries’  
affect, *see* emotions  
animal models, 50, 60  
anthropology, 8, 54–55, 57, 59,  
61–62, 66–67, 83, 89–90  
neuroanthropology, 61  
area studies, 16  
Arts & Humanities Research  
Council (AHRC)  
‘Science in Culture’ theme,  
24, 100
- Balmer, Andrew, 34, 106  
Barad, Karen, 52, 108  
barebacking, 106  
Berlin School of Mind and  
Brain, 22  
Berntson, Gary, 50–51, 56  
*Big Brother* (television series),  
29  
bioethics, 9, 83  
biology, 3, 7, 39–40, 68–73, 87,  
91, 94, 108, 123  
bio–social relations, 30,  
48–61, 78, 89  
social biology, 49–50  
*see also* neurobiology
- Biswal, Bharat, 69  
body, *see* embodiment  
brain  
city’s effects on, 47, 58–59,  
61, 67, 78  
eliciting subjective  
experience, 41  
free will in, 42  
function observable in, 35,  
39  
in interaction with its  
environment or milieu, 50  
resting brain, 66, 69–70  
stress and its effects on the,  
60  
urban brain, 58–59, 78  
*see also* functional MRI  
(fMRI); resting state fMRI  
Brocher Foundation, The, 24,  
30  
Butler, Judith, 40, 99, 104
- Cacioppo, John, 50–51, 56  
Center for Neuroscience and  
Society, University of  
Pennsylvania, 21, 31  
Chiao, Joan, 54–55  
careers, *see* academic careers  
city  
effects on brain structure  
and function, 47, 58–59,  
61, 67, 78  
and mental disorder, 58  
climate change, 102

- co-authorship, 18, 26, 35–38, 42, 69–70, 72–74, 111, 129–131
- collaboration, *see* interdisciplinarity
- critical neuroscience, 22, 28, 40, 42, 57, 107–108
- cultural neuroscience, 54–55, 57  
*compare* social neuroscience
- cultural studies, 7, 19
- cultural theory, 11, 19, 52, 90, 108, 111
- culture  
 conceptualization of, 54–55, 57, 61  
 of the laboratory, 92  
 ‘two cultures’, 86
- cybernetics, 86
- daydreaming, 52, 65, 69, 71  
*see also* mind wandering
- Decade of the Brain, 16, 50
- Default Mode Network (DMN), 36  
*see also* resting state fMRI
- Descriptive Experience Sampling, 19, 42, 66  
*see also* Hurlburt, Russ
- Detroit, 61
- Dimock, Wai Chee, 86–87
- dissociation, 57  
*see also* stress; trauma
- Dumit, Joseph, 83
- Economic and Social Research Council (ESRC), 24
- electroencephalography (EEG), 83
- ELSI (Ethical, Legal, and Social Implications research programmes), 34
- embodiment, 49, 51–52, 59, 108  
 and exhaustion/rest, 65, 67  
 and interdisciplinary/collaborative projects, 69–70, 82, 116
- emotions, 72, 77, 112–128  
 emotional labour, 106, 113–114  
 emotional regulation, 114, 116–119, 125–127  
 individual: anger, 44, 98, 99, 124;  
 anxiety 14; bewilderment, 115, 126, 130; disappointment, 123–124;  
 discomfort, 11; discomposure, 10;  
 embarrassment, 123; envy, 122;  
 excitement, 14; frustration, 119;  
 irritation, 76, 122–123, 130; joy, 44, 124
- in interdisciplinary working 29, 112–128  
 and scientific practice, 116
- environment, 46–62  
 gene-environment interactions, 60  
 influences on brain development and function, 47–49, 55, 58–59  
 interdisciplinary research on, 59–62, 103  
 milieu, 5, 56, 61  
 modelling within animal research of, 60
- epidemiology, 47, 50, 58–61
- epigenetics, 22, 47, 58
- ethnography, 31, 52–53, 61, 84  
 auto-ethnography, 28, 124
- European Commission  
 ‘Horizon 2020’ (funding programme), 24, 100–101
- European Neuroscience and Society Network (ENSN), 21–22, 38, 42, 68
- exhaustion, 65, 69  
 of interdisciplinary working, 128
- experiment, 9, 42–43, 55, 71, 129
- experimental interdisciplinarity, 4  
 interdisciplinary experiments, 21, 38–41, 52–53, 82–84, 117–119, 127
- observer of an, 45  
 reductionism within, 98  
 writing technologies embedded within, 92  
*compare* laboratory
- experimental entanglements, 8, 40, 131
- feminism, 18, 51–52, 107–108  
 material feminism, 18, 51–52  
 neuroscientific engagements with, 21–22, 57, 107–108
- Fine, Cordelia, 107

- Fontaine, Philippe, 86  
 Foucault, Michel, 99, 106  
 free association, 70  
 free will, 42, 77  
 Freed, Peter, 70  
 Freud, Sigmund, 70, 90–91, 94  
 Frith, Chris, 9, 33, 51, 83  
 functional MRI (fMRI), 33, 35–36,  
   39–41, 82, 84  
   detection of gender differences  
     using, 57  
   resting state fMRI, 33, 35–36, 66,  
   69–71  
 funding for research, 16, 19, 21, 23–26,  
   31, 41, 53, 73, 78, 122–123  
   *see also* grants
- Galarraga, Maialen, 103  
 Gardner, Susan, 102  
 gender, 51, 55, 57, 61, 107, 108  
   detection of gender differences using  
     fMRI, 57  
   gendering of disciplines and roles,  
     110, 114  
 genetics, 7, 10, 35, 48, 54–55, 60, 68–69,  
   73  
   *see also* epigenetics; genomics  
 genomics, 49, 73  
 geography, 2, 12, 14, 36, 41, 50, 54, 59,  
   91, 93, 130  
   economic geography, 101–102, 103  
 Goldstein, Kurt, 5, 56  
 grants, 23–26, 31, 44, 52–53, 64, 73, 78,  
   100, 122  
   Arts & Humanities Research  
     Council (AHRC), 24, 100  
   Brocher Foundation, The, 24, 30  
   Economic and Social Research  
     Council (ESRC), 24  
   European Commission: ‘Horizon  
     2020’, 24, 100–101  
   Medical Research Council (MRC),  
     23–24  
   MQ: Transforming Mental Health  
     National Institute for Health  
     Research (NIHR), 24, 73  
   National Institute of Mental Health  
     (NIMH), 24  
   National Science Foundation (NSF),  
     24  
   Volkswagen Foundation, The, 21, 24,  
     30, 73  
   Wellcome Trust, The, 19, 24, 63–65,  
     73, 78, 80  
   writing of, 110  
 Gusnard, Debra, 69
- hallucination, *see* voice hearing  
 Haraway, Donna, 18, 51, 91, 108–109  
 Harrison, Paul, 93–94  
 Hearing the Voice (interdisciplinary  
   project), 19, 20, 22, 27–29, 61, 66  
 ‘Horizon 2020’ (funding programme),  
   24, 100–101  
 Hubbub (interdisciplinary project), 13,  
   20, 22, 28–29, 63–78, 88, 130–131  
 Human Genome Project, 16, 49  
 Hurlburt, Russ, 18–19, 42–43, 66  
   *see also* Descriptive Experience  
     Sampling
- imaging technologies, 7, 23, 25, 39, 40,  
   53, 58, 70, 84, 91, 108, 118  
 incorporation, 90–91  
   *see also* psychoanalysis  
 Institute of Psychiatry, Psychology  
   & Neuroscience, King’s College  
   London (IoPPN), 18  
 Interacting Minds Centre, Aarhus  
   University, 39, 73, 80  
 interdisciplinarity  
   advice for how to do: *see* ‘notes &  
     queries’  
   conceptualizations of, 35, 75, 77–78,  
     80–95, 100, 115  
   disciplinary combinations, 7–8  
   emotions associated with, 112–128  
   funding of, 16, 19, 21, 23–26, 31, 41, 53,  
     73, 78, 122–123; *see also* grants  
   histories of, 16, 86  
   ‘housework’ associated with, 110  
   inequalities within, 96–111

- interdisciplinarity – *Continued*  
 involving social sciences,  
   neurosciences and humanities,  
     7–8, 16, 18, 21–22, 26–28, 35–38, 39,  
     41, 45, 48, 50, 54, 75, 91, 120–121  
 material underpinnings of, 72–73  
 physical spaces to encourage, 80,  
   92, 130  
 as and in practice, 2–4, 10, 26, 28–31,  
   35, 43–44, 65–78, 74–78, 82, 94–95,  
   102, 125, 127–128  
 risks for career, 11–12  
 temporality of, 22, 72, 74, 84  
*see also* workshops
- intersubjectivity, 40–42, 89
- introspection, 19, 41–43
- James, William, 50
- Kaiser, Anelis, 22, 57
- Krabbendam, Lydia, 47
- laboratory, 27, 30, 91–92, 107, 118  
   animals, 50, 60, 89  
   emotions in the, 116
- Latour, Bruno, 29, 91
- legal system, 17
- Lélé, Sharachchandra, 102–103
- Lende, Daniel, 61
- Lury, Celia, 88–89
- lie detection, 38–40, 117–119, 127
- lying, 117–119
- MacMynowski, Dena, 103
- Martin, Lauren, 89
- Massumi, Brian, 85
- matrix, 87–88
- Matusall, Svenja, 55–56
- media, *see* social media; technology:  
   writing as a
- medical humanities, 19, 24, 73–74, 93
- Medical Research Council (MRC), 23–24
- medieval studies, 67, 93, 95
- Meloni, Maurizio, 16, 49–50
- mental disorder, 6, 18, 31, 47–49, 51,  
   58–59, 60, 68  
   *see also* psychosis, schizophrenia
- metabolomics, 22
- Meyer-Lindenberg, Andreas, 58
- milieu 5, 56, 61  
   *see also* environment
- mind wandering, 52–53, 65, 69, 71
- MQ: Transforming Mental Health, 24
- National Institute for Health Research  
 (NIHR), 24, 73
- National Institute of Mental Health, 24
- National Science Foundation, 24
- negativity  
   in interdisciplinary projects, 75–77,  
     126  
   of the social, 90–91  
   *see also* emotions
- network analysis, 29, 89
- neuroanthropology, 61
- neurobiology, 39, 40, 47, 48, 50, 56, 68,  
   89, 108  
   *see also* biology
- neuroesthetics, 22
- NeuroGenderings Network, 21–22, 108  
   *see also* feminism
- ‘neurohype’, 41
- neuropsychanalysis, 22, 70, 91, 94  
   *see also* psychoanalysis
- neurosciences  
   critical neuroscience, 22, 28, 40, 42,  
     57, 107–108  
   critique internal to, 36, 40–41  
   as interdisciplinary, 7  
   legal uses of, 17  
   and lie detection, 38–40, 117–119, 127  
   social sciences, humanities and, 7–8,  
     16, 18, 21–22, 26–28, 35–39, 41, 45,  
     48, 50, 54, 75, 91, 120–121  
   societal implications of, 107
- Ngai, Sianne, 115, 122
- Norgaard, Richard B., 102–103
- ‘normal science’, 12, 23, 40
- ‘notes & queries’, 30–31, 44–45,  
   59–62, 77–78, 94–95, 109–111,  
   127–128
- Notorious B.I.G., The, 120



- Osborne, Thomas, 14, 81, 85
- peer review, 23–27, 122–124
- philosophy, 7, 71, 33, 42, 77, 83
- picaresque, 13–14
- Pickering, Andrew, 86
- playa hater, 119–121
- poetry, 9, 65, 67, 78, 95
- politics
  - of disciplinary concepts and knowledges, 40, 54, 57, 106, 108, 113
  - and negativity, 90
  - turning away from, 99, 124–125, 126
  - of word choice, 37
- positron emission tomography (PET), 82–83
- poverty, 6
  - role in development of pathology, 47, 62
- power, 76, 96–111, 120, 125, 127
- psychiatry, 18, 50–51, 54, 61, 68
  - relationship to other disciplines, 86
  - social psychiatry 48, 58
  - transcultural psychiatry, 57
- psychoanalysis, 35, 70, 90–91, 94
  - neuropsychanalysis, 22, 70, 91, 94
  - relationality as conceptualized by, 90–91
- psychology, 19, 20, 42–43, 52–55, 57, 67, 75–77, 107
  - clinical psychology, 48
  - cognitive psychology, 69, 71, 93
  - see also* Descriptive Experience Sampling; Hurlburt, Russ
- psychopathology, *see* addictions; mental disorder; psychosis; schizophrenia
- psychosis, 60, 125
  - see also* schizophrenia
- public engagement, 66, 97, 110–111
- publishing, 9–10, 12, 26–28, 36–38, 69, 111
- queer theory, 90, 99
- Rabinow, Paul, 7, 92, 98–99, 124–126
- race, 110, 120–121
  - how used in research, 54–55, 61, 107, 108
- Raichle, Marcus, 36, 69
- rap, 119–121
- reciprocity, 96–111
- relaxation
  - history of, 67
- rest, 63–67, 69, 78
  - compare* resting state fMRI
- resting state fMRI, 33, 35–36, 66, 69, 70–71
- Rheinberger, Hans-Jörg, 92
- risks
  - of interdisciplinarity, 11–13, 36, 38
  - social risk factors, 47, 60
- Roepstorff, Andreas, 9, 41, 73, 83, 89–90
- Rose, Nikolas, 3, 7, 21, 51, 58, 67, 71, 73, 78, 86, 108
- sadomasochism, 106
- Schaffer, Simon, 14, 81, 91
- schizophrenia, 18–19, 47, 51
  - see also* psychosis
- Schoenberger, Erica, 101–102, 103
- Secor, Anna, 89
- Seligman, Rebecca, 57
- sociality
  - effects on brain development and function, 47, 49–51, 55
  - social adversity and role in mental disorder, 51
  - the social in neuroscience, 49–52
  - social interaction, 47, 51
  - understandings of ‘the social’, 53–56, 58–59
  - compare* city
- social media, 31, 74
  - see also* technology: writing as a
- social network analysis, *see* network analysis
- social neuroscience, 38–41, 47, 49–51, 54–57
  - compare* cultural neuroscience

- social theory, 51–52, 58, 68, 125
- sociology, 2, 13, 14, 41, 49, 58–59, 61–62, 86, 130
- of the emotions, 116
- space
- concepts and models of, 80–82, 85–95
  - physical space for collaboration, 64–65, 80, 113, 130–131
  - virtual spaces, 31
- Stavrianakis, Anthony, 99, 124–126
- stress, 51, 57–61, 67
- subject: formation of, 99, 104, 107
- subjective experience: how
- experimentally to investigate, 19, 20, 41, 61, 66–67
  - see also* Descriptive Experience Sampling
- subjugation, 99–100, 104–107, 130
- Szerszynski, Bronislaw, 103
- technology: writing as a, 74–75, 92, 116
- topology, 29, 88–90
- Toyokawa, Satoshi, 49
- translational research, 13, 49, 60, 68, 73
- trauma, 51, 60
- unemployment, 67
- urban, *see* city
- Vilnius Declaration, 100–101
- voice hearing, 19, 20, 61
- compare* Hearing the Voice (interdisciplinary project)
- Volkswagen Foundation, The, 21, 24, 30, 73
- European Platform for Life Sciences, Mind Sciences, and the Humanities, 21–22
- Weber, Max, 99
- Wellcome Collection, *see* Wellcome Trust, The
- Wellcome Trust, The, 19, 24, 63–65, 73, 78, 80
- see also* Hearing the Voice (interdisciplinary project); Hubbub (interdisciplinary project)
- whining, 113
- Wilson, Elizabeth 18, 52, 90, 108, 116
- workshops
- examples of interdisciplinary, 2–3, 35, 37, 41–43, 52, 54, 82, 84, 93, 113, 119–121
  - Neuroschool, 38, 68
  - organizing, 33, 44, 110
  - residential, 30, 35, 38, 68
  - on critical neuroscience, 40
  - on social neuroscience, 38
- writing, *see* technology: writing as a



Except where otherwise noted, this work is licensed under a Creative Commons Attribution 3.0 Unported License. To view a copy of this license, visit <https://creativecommons.org/licenses/by/3.0/>