## Bibliography

- Abraham, Itty. 1998. The Making of the Indian Atomic Bomb. New York: Zed Books.
- ------. 2000. "Landscape and Postcolonial Science." *Contributions to Indian Sociology* 34(2):163–87.
- ———. 2006. "The Contradictory Spaces of Postcolonial Technoscience." *Economic and Political Weekly* 41(3):210–17.
- Adelson, Joel, and Joanna Weinberg. 2010. "The California Stem Cell Initiative: Persuasion, Politics, and Public Science." *American Journal of Public Health* 100(3):446–51.
- Adkins, Brent. 2015. *Deleuze and Guattari's A Thousand Plateaus: A Critical Introduction and Guide*. Edinburgh: Edinburgh University Press.
- Ajjawi, Imad, et al. 2017. "Lipid Production in *Nannochloropsis gaditana* Is Doubled by Decreasing Expression of a Single Transcriptional Regulator." *Nature Biotechnology* 35(7):647–52.
- Alaimo, Stacy. 2000. *Undomesticated Ground: Recasting Nature as Feminist Space*. Ithaca, NY: Cornell University Press.
- ——. 2008. "Transcorporeal Feminisms and the Ethical Space of Nature." In Material Feminisms, ed. Stacy Alaimo and Susan Hekman, 237–64. Bloomington: Indiana University Press.
- Alaimo, Stacy, and Susan Hekman. 2008. "Introduction: Emerging Models of Materiality in Feminist Theory." In *Material Feminisms*, ed. Stacy Alaimo and Susan Hekman, 1–19. Bloomington: Indiana University Press.
- Alcoff, Linda. 2006. *Visible Identities: Race, Gender and the Self.* New York: Oxford University Press.
- Anderson, Warwick. 2002. "Introduction: Postcolonial Technoscience." *Social Studies of Science* 32(5/6):643–58.
- ———. 2009. "From Subjugated Knowledge to Conjugated Subject: Science and Globalization, or Postcolonial Studies of Science?" *Postcolonial Studies* 12(4):389–400.
- Ansell Pearson, Keith. 1999. *Germinal Life: The Difference and Repetition of Deleuze*. New York: Routledge.

- Åsberg, Cecilia. 2013. "The Timely Ethics of Posthumanist Gender Studies." feministische studien 1:7-12.
- Ausländer, Simon, David Ausländer, and Martin Fussenegger. 2017. "Synthetic Biology—The Synthesis of Biology." Angewandte Chemie International Edition 56:6396-419.
- Baker, Lauren, Kirstan Meldrum, Meijing Wang, Rajakumar Sankula, Ram Vanam, Azad Raiesdana, Ben Tsai, Karen Hile, John Brown, and Daniel Meldrum. 2003. "The Role of Estrogen in Cardiovascular Disease." Journal of Surgical Research 115(2):325-44.
- Banerji, Debashish. 2015. "Theory and the Performative Politics of Punctuation." In Rabindranath Tagore in the 21st Century: Theoretical Renewals, ed. Debashish Banerji, 1-14. New York: Springer.
- Barad, Karen. 1995. "A Feminist Approach to Teaching Quantum Physics." In Teaching the Majority: Breaking the Gender Barrier in Science, Mathematics, and Engineering, ed. Sue V. Rosser, 79–97. New York: Teachers College Press.
- —. 2003. "Posthumanist Performativity: Toward an Understanding of How Matter Comes to Matter." Signs: Journal of Women in Culture and Society 28(3):801-31.
- 2007. Meeting the Universe Halfway: Quantum Physics and the Entanglement of Matter and Meaning. Durham, NC: Duke University Press.
- —. 2010. "Quantum Entanglements and Hauntological Relations of Inheritance: Dis/continuities, SpaceTime Enfoldings, and Justice-to-Come." Derrida Today 3(2):240-68.
- —. 2012. "On Touching—The Inhuman That Therefore I Am." differences 23(3):206-23.
- Barakat, Radwa, Oliver Oakley, Heehyen Kim, Jooyoung Jin, and CheMyong Jay Ko. 2016. "Extra-gonadal Sites of Estrogen Biosynthesis and Function." Biochemistry and Molecular Biology Reports 49(9):488-96.
- Basen, Gwynne, Margrit Eichler, and Abby Lippman, eds. 1993. Misconceptions: The Social Construction of Choice and the New Reproductive and Genetic Technologies. Volume 1, 2. Hull, Quebec, Canada: Voyageur Publishing.
- Baudrillard, Jean. 1983. Simulations. New York: Semiotext(e).
- BBC News. 2005. "UN Vote Urges Human Cloning Ban." March 8. http://news .bbc.co.uk/1/hi/health/4328919.stm.
- Beauvoir, Simone de. 2011 [1949]. The Second Sex. Translated by Constance Borde and Sheila Malovany-Chevallier. New York: Vintage Books.
- Belsham, Denise D., and David Lovejoy. 2005. "Gonadotropin-releasing Hormone: Gene Evolution, Expression and Regulation." Vitamins and Hormones 71:59-94.
- Bennett, Jane. 2010. Vibrant Matter: A Political Ecology of Things. Durham, NC: Duke University Press.
- Benjamin, Ruha. 2013. People's Science: Bodies and Rights on the Stem Cell Frontier. Stanford, CA: Stanford University Press.

- Bensmaïa, Réda. 2017. *Gilles Deleuze, Postcolonial Theory, and the Philosophy of Limit*. New York: Bloomsbury.
- Benston, Margaret. 1982. "Feminism and the Critique of the Scientific Method." In *Feminism in Canada*, ed. Angela Miles and Geraldine Finn, 47–66. Montreal: Black Rose.
- Bergo, Bettina. 2011 "Emmanuel Levinas." *The Stanford Encyclopedia of Philoso*phy, ed. Edward N. Zalta. https://plato.stanford.edu/archives/sum2015/entries/levinas.
- Bhabha, Homi. 2004. The Location of Culture. New York: Routledge Classics.
- Bharati, Baba Premananda. 1904. Sree Krishna: The Lord of Love. New York: S.L. Parsons and Company.
- ———. 1906. "The White Peril." *The Light of India* 1(2):41–47.
- Bhatia, Rajani. 2005. "Ten Years after Cairo: The Resurgence of Coercive Population Control in India." *Different Takes: A Publication of the Population and Development Program, Hampshire College* 31. http://popdev.hampshire.edu/projects/dt/dt31.php.
- Bignall, Simone, and Paul Patton. 2010. "Introduction: Deleuze and the Postcolonial: Conversations, Negotiations, Mediations." In *Deleuze and the Postcolonial*, ed. Simone Bignall and Paul Patton, 1–19. Edinburgh: Edinburgh University Press.
- BioBricks Foundation. 2017. Home page. Accessed July 25, 2018. https://biobricks.org.
- Biofuels Digest. 2017. "Two Up: Amyris, Queensland Gamble on Farnesene for SE Asia." Accessed August 30, 2018. www.biofuelsdigest.com/bdigest/2017/06/22/two-up-amyris-queensland-gamble-on-farnesene-for-se-asia.
- Birke, Lynda. 1986. Women, Feminism and Biology: The Feminist Challenge. Upper Saddle River, NJ: Prentice Hall/Harvester Wheatsheaf.
- ———. 1994. Feminism, Animals and Science: The Naming of the Shrew. Bristol: Open University Press.
- ———. 1999. Feminism and the Biological Body. New Brunswick, NJ: Rutgers University Press.
- Black Lives Matter. 2018. "What We Believe." Accessed January 14, 2018. http://blacklivesmatter.com/about/what-we-believe.
- Bleier, Ruth. 1984. Science and Gender: A Critique of Biology and Its Theories on Women. New York: Pergamon Press.
- ———. 1986. Feminist Approaches to Science. New York: Pergamon Press.
- Boehm, Ulrich, Zhihua Zou, and Linda B. Buck. 2005. "Feedback Loops Link Odor and Pheromone Signaling with Reproduction." *Cell* 123(4):683–95.
- Bök, Christian. 2015. Xenotext: Book 1. Toronto: Coach House Books.
- Bose, Jagadish Chandra. 1902. *Response in the Living and Non-Living*, ed. Perfect Library. Lexington, KY: Create Space Independent Publishing Platform.
- Boston Women's Health Book Collective. 2005. *Our Bodies Ourselves*. New York: Touchstone.

- Brahmo Samaj. n.d. "India's National Religion." Accessed June 24, 2017. www.brahmosamaj.in.
- Braidotti, Rosi. 1994. *Nomadic Subjects: Embodiment and Sexual Difference in Contemporary Feminist Theory*. New York: Columbia University Press.
- ———. 2002. *Metamorphosis: Towards a Materialist Theory of Becoming*. Cambridge, MA: Polity Press.
- -----. 2006. Transpositions: On Nomadic Ethics. Cambridge, MA: Polity Press.
- ———. 2010. "On Putting the Active Back into Activism." *New Formations:* A Journal of Culture/Theory/Politics 68:26–57.
- ———. 2013. *The Posthuman*. Cambridge, MA: Polity Press.
- Breen, Margaret Soenser, Warren J. Blumenfeld, Susanna Baer, Robert A. Brookey, Lynda Hal, Vicky Kirby, Diane Helene Miller, Robert Shail, and Natalie Wilson. 2001. "There Is a Person Here': An Interview with Judith Butler." *International Journal of Sexuality and Gender Studies* 6(1/2):7–23.
- Bryant, Levi R. 2011a. "Deterritorialization." July 2. https://larvalsubjects.word-press.com/2011/07/02/deterritorialization.
- ———. 2011b. "Two Types of Assemblages." February 20. https://larvalsubjects.wordpress.com/2011/02/20/two-types-of-assemblages.
- Buck, Linda, and Richard Axel. 1991. "A Novel Multigene Family May Encode Odorant Receptors: A Molecular Basis for Odor Recognition." *Cell* 65(1):175–87.
- Bugg, T.D.H., D. Braddick, C. G. Downson, and D. I. Roper. 2011. "Bacterial Cell Wall Assembly: Still an Attractive Antibacterial Target." *Trends in Biotechnology* 29(4):167–73.
- Butler, Judith. 1986. "Sex and Gender in Simone de Beauvoir's Second Sex." *Yale French Studies* 72:35–49.
- ———. 1993. *Bodies That Matter: On the Discursive Limits of "Sex."* New York: Routledge.
- ———. 1999 [1990]. Gender Trouble: Feminism and the Subversion of Identity. New York: Routledge.
- Butler, Octavia. 1987. Dawn. New York: Warner Books.
- Charnas, Suzy McKee. 1978. Motherlines. New York: Putnam Books.
- Chatterjee, Sushmita. 2016. "What Does It Mean To Be a Postcolonial Feminist?" The Artwork of Mithu Sen." *Hypatia* 31(1):22–40.
- Chen, Mel Y. 2012. *Animacies: Biopolitics, Racial Mattering, and Queer Affect*. Durham, NC: Duke University Press.
- Chow, Rey. 2012. *Entanglements, or Transmedial Thinking about Capture*. Durham, NC: Duke University Press.
- Clarke, Adele. 1998. *Disciplining Reproduction: Modernity, American Life Sciences, and the Problems of Sex.* Berkeley: University of California Press.
- ———. 2005. Situational Analysis: Grounded Theory after the Postmodern Turn.

  Thousand Oaks, CA: Sage Publications.
- Clayton, Janine A., and Francis S. Collins. 2014. "Policy: NIH to Balance Sex in Cell and Animal Studies." *Nature* 509:282–83.

- Clayton, W. D., M. S. Vorontsova, K. T. Harmon, and H. Williamson. 2016. "GrassBase—The Online World of Grass Flora." January 20. www.kew.org /data/grassbase/news.htm.
- Code, Lorraine. 1991. What Can She Know? Feminist Theory and the Construction of Knowledge. Ithaca, NY: Cornell University Press.
- Colebrook, Claire. 2002a. *Gilles Deleuze: Essential Guides for Literary Studies*. New York: Routledge.
- ———. 2002b. *Understanding Deleuze*. Crows Nest, New South Wales, Australia: Allen and Unwin.
- Collins, Patricia Hill. 1990. Black Feminist Thought: Knowledge, Consciousness, and the Politics of Empowerment. New York: Routledge.
- Coole, Diana, and Samantha Frost. 2010. *New Materialisms: Ontology, Agency, and Politics*. Durham, NC: Duke University Press.
- Cooper, Melinda. 2008. *Life as Surplus: Biotechnology and Capitalism in the Neoliberal Era*. Seattle: University of Washington Press.
- Corea, Gena. 1985. The Mother Machine: Reproductive Technologies from Artificial Insemination to Artificial Wombs. New York: Harper Collins.
- Crenshaw, Kimberlé. 1993. "Mapping the Margins: Intersectionality, Identity Politics, and Violence against Women of Color." *Stanford Law Review* 43:1241–99.
- Crick, Francis. 1988. What Mad Pursuit: A Personal View of Scientific Discovery. New York: Basic Books.
- Darwin, Charles. 1859. "On the Origin of Species by Means of Natural Selection, or the Preservation of Favored Races in the Struggle for Life." In *So Simple a Beginning: Darwin's Four Great Books*, ed. E. O. Wilson (2005). New York: W.W. Norton and Company.
- Daston, Lorraine, and Peter Galison. 2007. Objectivity. Brooklyn: Zone Books.
- Davies, Julia M., Adrian J. Stacey, and Christopher A. Gilligan. 1999. "Candida albicans Hyphal Invasion: Thigmotropism or Chemotropism?" FEMS Microbiology Letters 171:245–49.
- Deleuze, Gilles. 1994. *Difference and Repetition*. Translated by Paul Patton. Originally published in 1968. New York: Columbia University Press.
- Deleuze, Gilles, and Félix Guattari. 1987. A Thousand Plateaus: Capitalism and Schizophrenia. Translated by Brian Massumi. Minneapolis: University of Minnesota Press.
- Dema, Leslie. 2007. "'Inorganic, Yet Alive': How Can Deleuze and Guattari Deal with the Accusation of Vitalism?" *Rhizomes: Cultural Studies in Emerging Knowledge* 15 (Winter). www.rhizomes.net/issue15/dema.html# ftnref1
- Derrida, Jacques. 1988. Limited Inc. Evanston, IL: Northwestern University Press.
- ——. 1997. Of Grammatology. Translated by Gayatri Chakravorty Spivak. Baltimore, MD: John Hopkins University Press.
- Diprose, Rosalyn, and Robyn Ferrell. 1991. Introduction to *Cartographies: Post-structuralism and the Mapping of Bodies and Spaces*, ed. Rosalyn Diprose and Robyn Ferrell, viii–xi. North Sydney: Allen and Unwin.

- Dolphijn, Rick, and Iris van der Tuin. 2012. *New Materialism: Interviews and Cartographies*. Ann Arbor, MI: Open Humanities Press.
- Dong, Ming, and Maria Grazia Pierdominici. 1995. "Morphology and Growth of Stolons and Rhizomes in Three Clonal Grasses, As Affected by Different Light Supply." *Vegetatio* 116:25–32.
- Drug Monkey. 2008. "How to Read a Retraction." March 5. http://drugmonkey. scientopia.org/2008/03/05/how-to-read-a-retraction.
- Duncan, David Ewing, and Joycelyn Selim. 2004. "Discover Dialogue: Geneticist Craig Venter." *Discover*. December 3. http://discovermagazine.com/2004/dec/discover-dialogue.
- Duncan, Ian, and David Glover. 2003. *DNA: Pandora's Box*. PBS Television Series. Dunham, Maitreya J. 2007. "Synthetic Ecology: A Model System for Cooperation." *Proceedings of the National Academy of Sciences USA* 104(6):1741–42.
- Dupre, John. 2015. "A Process Ontology for Biology." *Physiology News* 100:33–34. Ebert, Christopher. 2008. *Between Empires: Brazilian Sugar in the Early Atlantic Economy*, 1550–1630. Leiden: Brill Publishers.
- Edel, Matthew. 1969. "The Brazilian Sugar Cycle of the Seventeenth Century and the Rise of West Indian Competition." *Caribbean Studies* 9(1):24–44.
- Ehrenreich, Barbara, and Deidre English. 1978. For Her Own Good: 150 Years of the Experts' Advice to Women. New York: Anchor Books.
- Eimer, Sara Dawn. 2010. "Love, Desire, Individuation: Intersections of Plato, Schelling and Deleuze." PhD dissertation. Pennsylvania State University.
- Endy, Drew. 2008. "Reconstruction of the Genomes." *Science* 319:1196–97.
- Engineering and Physics Research Council. 2017. "Towards a Universal Biological-Cell Operating System (AUdACiOuS)." http://gow.epsrc.ac.uk/NGBO ViewGrant.aspx?GrantRef=EP/Joo4111/1.
- Epstein, Steve. 2007. *Inclusion: The Politics of Difference in Medical Research*. Chicago: University of Chicago Press.
- ETC Group. 2007. "Synthia's Last Hurdle?" June 7. www.etcgroup.org/content/synthia%E2%80%99s-last-hurdle.
- ———. 2016. "Craig Venter Lays an Easter Egg." March 24. www.etcgroup.org /content/craig-venter-lays-easter-egg.
- Farooq, Umar, and R. C. Mahajan. 2004. "Drug Resistance in Malaria." *Journal of Vector Borne Diseases* 41:45–53.
- Fausto-Sterling, Anne. 1985. *Myths of Gender: Biological Theories about Women and Men.* New York: Basic Books.
- ———. 2000. Sexing the Body: Gender Politics and the Construction of Sexuality. New York: Basic Books.
- ———. 2005. "The Bare Bones of Sex: Part I—Sex and Gender." Signs: Journal of Women in Culture and Society 30(2):1491–1527.
- ——. 2014. "How Your Generic Baby Acquires Gender." Podcast. http://www3.unil.ch/wpmu/neurogenderings3/podcasts.
- Ferrando, Francesca. 2013. "Posthumanism, Transhumanism, Antihumanism, Metahumanism, and New Materialisms: Differences and Relations."

- Existenz: An International Journal in Philosophy, Religion, Politics, and the Arts 8(2):26-32.
- Firestone, Shulamith. 2003 [1970]. The Dialectic of Sex: The Case for Feminist Revolution. New York: Farrar, Straus and Giroux.
- Foster, Laura. 2016. "Decolonizing Patent Law: Postcolonial Technoscience and Indigenous Knowledge in South Africa." Feminist Formations 28(3):148-73.
- 2017. Reinventing Hoodia: Peoples, Plants, and Patents in South Africa. Seattle: University of Washington Press.
- Foucault, Michel. 1970. The Order of Things: An Archeology of the Human Sciences. New York: Vintage.
- Franklin, Ursula. 1990. *The Real World of Technology*. Toronto: Anansi.
- Fritz, Brian R., Laura E. Timmerman, Nichole M. Daringer, Joshua N. Leonard, and Michael C. Jewett. 2010. "Biology by Design: From Top to Bottom and Back." Journal of Biomedicine and Biotechnology (e-publication):1-11. Article ID 232016.
- Gendered Innovations in Science, Health and Medicine, Engineering, and Environment. n.d. "Terms." Accessed July 17, 2017. http://genderedinnovations.stanford .edu/terms.html.
- Gibson, D. G., et al. 2008. "Complete Chemical Synthesis, Assembly, and Cloning of a Mycoplasma Genitalium Genome." *Science* 319(5867):1215–20.
- Gilman, Charlotte Perkins. 1979 [1915]. Herland. New York: Pantheon Books.
- Giordano, Sara. 2016. "Building New Bioethical Practices through Feminist Pedagogies." International Journal of Feminist Approaches to Bioethics 9(1):81-103.
- Glass, John I., Chuck Merryman, Kim S. Wise, Clyde A. Hutchison, and Hamilton O. Smith. 2017. "Minimal Cells—Real and Imagined." Cold Spring Harbor Perspectives in Biology. doi: 10.1101/cshperspect.a023861.
- Glass, John I., Nacyra Assad-Garcia, Nina Alperovich, Shibu Yooseph, Matthew R. Lewis, Mahir Maruf, Clyde A. Hutchison III, Hamilton O. Smith, and J. Craig Venter. 2006. "Essential Genes of a Minimal Bacterium." Proceedings of the National Academy of Sciences 103(2):425-30.
- Gould, Stephen J. 1981. The Mismeasure of Man. New York: Norton.
- Griffiths, Paul. 2017. "Philosophy of Biology." The Stanford Encyclopedia of Philosophy, ed. Edward Zalta. https://plato.stanford.edu/entries/biology -philosophy.
- Grosz, Elizabeth. 1990. "Conclusion: A Note on Essentialism and Difference." In Feminist Knowledge: Critique and Construct, ed. Sneja Gunew, 332-44. New York: Routledge.
- —. 1993. "A Thousand Tiny Sexes: Feminism and Rhizomatics." Topoi 12:167-79.
- —. 1994. Volatile Bodies: Towards a Corporeal Feminism. Bloomington: Indiana University Press.
- —. 2008. "Darwin and Feminism: Preliminary Investigations for a Possible Alliance." In Material Feminisms, ed. Stacy Alaimo and Susan Hekman, 23-51. Bloomington: Indiana University Press.

- ———. 2011. Becoming Undone: Darwinian Reflections on Life, Politics, and Art. Durham, NC: Duke University Press.
- ———. 2017. The Incorporeal: Ontology, Ethics, and the Limits of Materialism.

  New York: Columbia University Press.
- Hacking, Ian. 1983. *Representing and Intervening: Introductory Topics in the Philosophy of Natural Science*. Cambridge: Cambridge University Press.
- Hammonds, Evelynn, and Rebecca Herzig. 2009. Introduction to *The Nature of Difference: Sciences of Race in the United States from Jefferson to Genomics*, ed. Evelynn Hammonds and Rebecca Herzig, xi–xv. Cambridge, MA: MIT Press.
- Hankinson Nelson, Lynn. 1990. *Who Knows: From Quine to a Feminist Empiricism*. Philadelphia: Temple University Press.
- ———. 2017. Biology and Feminism: A Philosophical Introduction. New York: Cambridge University Press.
- Haraway, Donna. 1985. "A Manifesto for Cyborgs: Science, Technology, and Socialist Feminism in the 1980s," *Socialist Review* 15(2):65–107.
- ———. 1991. Simians, Cyborgs, and Women: The Reinvention of Nature. New York: Routledge.
- ——. 1997. Modest\_Witness@Second\_Millenium.FemaleMan©\_Meets\_ Oncomouse™: Feminism and Technoscience. New York: Routledge.
- ———. 2003. Companion Species Manifesto: Dogs, People, and Significant Otherness. Chicago: Prickly Paradigm Press.
- ———. 2004. *Crystals, Fabrics and Fields: Metaphors That Shape Embryos*. Berkeley, CA: North Atlantic Books.
- ——. 2008a. "Otherworldly Conversations, Terran Topics, Local Terms." In *Material Feminisms*, ed. Stacy Alaimo and Susan Hekman, 157–87. Bloomington: Indiana University Press.
- ———. 2008b. When Species Meet. Minneapolis: University of Minnesota Press.
- ——. 2015. "Anthropocene, Capitalocene, Plantationocene, Chthulecene: Making Kin." *Environmental Humanities* 6:159–65.
- ———. 2016. *Staying with the Trouble: Making Kin in the Chthulucene*. Durham, NC: Duke University Press.
- Harding, Sandra. 1986. *The Science Question in Feminism*. Ithaca, NY: Cornell University Press.
- ——. 1987. "Introduction: Is there a Feminist Method?" In *Feminism and Methodology: Social Science Issues*, ed. Sandra Harding, 1–14. Bloomington: Indiana University Press.
- ——. 1989. "Is There a Feminist Method?" In *Feminism and Science*, ed. Nancy Tuana, 17–32. Bloomington: Indiana University Press.
- ——. 1991. Whose Science? Whose Knowledge? Thinking from Women's Lives. Ithaca, NY: Cornell University Press.
- ——. 1993. "Introduction: Eurocentric Scientific Illiteracy—A Challenge for the World Community." In The "Racial" Economy of Science: Toward a Demo-

- cratic Future, ed. Sandra Harding, 1–29. Bloomington: Indiana University Press.
- ———. 2008. Sciences from Below: Feminisms, Postcolonialities, and Modernities.

  Durham, NC: Duke University Press.
- ——. 2011. "Beyond Postcolonial Theory: Two Undertheorized Perspectives on Science and Technology." In *The Postcolonial Science and Technology Studies Reader*, ed. Sandra Harding, 1–31. Durham, NC: Duke University Press.
- 2016. "Latin American Decolonial Social Studies of Scientific Knowledge: Alliances and Tensions." Science, Technology, and Human Values 41(6):1063–87.
- Harding, Sandra, and Jean F. O'Barr, eds. 1987. Sex and Scientific Inquiry. Chicago: University of Chicago Press.
- Hartmann, Martin. 2009. "Genital Mycoplasmas." *Journal of the German Society of Dermatology* 7:371–78.
- Hartsock, Nancy, 1983. "The Feminist Standpoint: Developing the Ground for a Specifically Feminist Historical Materialism." In Discovering Reality: Feminist Perspectives on Epistemology, Metaphysics, Methodology, and the Philosophy of Science, ed. Sandra Harding and Merrill Hintikka, 283–310. Dordrecht: D. Reidel.
- Hecht, Gabrielle. 2002. "Rupture Talk in the Nuclear Age: Conjugating Colonial Power in Africa." *Social Studies of Science* 32(5/6):691–727.
- ———. 2014. Being Nuclear: Africans and the Global Uranium Trade. Cambridge, MA: MIT Press.
- Hekman, Susan. 2008. "Constructing the Ballast: An Ontology for Feminism." In *Material Feminisms*, ed. Stacy Alaimo and Susan Hekman, 85–119. Bloomington: Indiana University Press.
- Hiltzik, Michael. 2017. "California's Stem Cell Program Ponders a Future of New Challenges and Old Promises." *Los Angeles Times*. February 3. www .latimes.com/business/hiltzik/la-fi-hiltzik-cirm-future-20170205-story .html.
- Hird, Myra J. 2004. Sex, Gender and Science. New York: Palgrave Macmillan.

  ———. 2009. The Origins of Sociable Life: Evolution after Science Studies. New
- York: Palgrave Macmillan. Holland, Eugene. 2013. *Deleuze and Guattari's A Thousand Plateaus*. New York:
- Bloomsbury. hooks, bell. 1984. *Feminist Theory: From Margin to Center*. New York: South End
- Hubbard, Ruth. 1988. "Science, Facts, and Feminism." *Hypatia: A Journal of Feminist Philosophy* 3(1):5–17.
- ——. 1990. The Politics of Women's Biology. New Brunswick, NJ: Rutgers University Press.
- ——. 1995. "The Logos of Life." In *Reinventing Biology: Respect for Life and the Creation of Knowledge*, ed. Linda Birke and Ruth Hubbard, 89–102. Bloomington: Indiana University Press.

- Human Microbiome Project. 2017. "The Human Microbiome." http://hmpdacc.org/overview/about.php.
- Hutchison, Clyde A., Ray-Yuan Chuang, Vladimir N. Noskov, Nacyra Assad-Garcia, Thomas J. Deerinck, Mark H. Ellisman, John Gill, Krishna Kannan, Bogumil J. Kara, Li Ma, James F. Pellerier, Zhi-Qing Qi, R. Alexander Richter, Elizabeth A. Strychalski, Lijie Sun, Yo Suzuki, Billyana Tsvetanova, Kim S. Wise, Hamilton O. Smith, John I. Glass, Chuck Merryman, Daniel G. Gibson, and J. Craig Venter. 2016. "Design and Synthesis of a Minimal Bacterial Genome." Science 351(6280): aad6253.
- Irigaray, Luce. 1985. *Speculum of the Other Woman*. Translated by Gillian C. Gill. Ithaca, NY: Cornell University Press.
- Jagger, Gill. 2015. "The New Materialism and Sexual Difference." Signs: Journal of Women in Culture and Society 40(2):321–42.
- Joel, Daphna. 2014. "Sex, Gender, and Brain: A Problem of Conceptualization." In *Gendered Neurocultures: Feminist and Queer Perspectives on Current Brain Discourses*, ed. Sigrid Schmitz and Grit Höppner, 169–86. Vienna: Zaglossus.
- Joel, Daphna, Anelis Kaiser, Sarah Richardson, Stacey Ritz, Deboleena Roy, and Banu Subramaniam. 2015. "Lab Meeting: A Discussion on Experiments and Experimentation." *Catalyst: Feminism, Theory, Technoscience* 1(1):1–12.
- Jordan-Young, Rebecca. 2010. *Brain Storm: The Flaws in the Science of Sex Differences*. Cambridge, MA: Harvard University Press.
- Kaiser, Anelis, Sven Haller, Sigrid Schmitz, and Cordula Nitsch. 2009. "On Sex /Gender Related Similarities and Difference in fMRI Language Research." *Brain Research Reviews* 61:49–59.
- Kakade, A. S., and Y. S. Kulkarni. 2014. "Mifepristone: Current Knowledge and Emerging Prospects." *Journal of the Indian Medical Association* 112(1):36–40.
- Kay, Lily E. 1993. The Molecular Vision of Life: Caltech, the Rockefeller Foundation, and the Rise of the New Biology. New York: Oxford University Press.
- ——. 1996. "Life as Technology: Representing, Intervening, and Molecularizing." In *The Philosophy and History of Molecular Biology: New Perspectives*, ed. Sahotra Sarkar, 87–100. Boston: Kluwer Academic Publishers.
- ———. 2000. Who Wrote the Book of Life? A History of the Genetic Code. Stanford, CA: Stanford University Press.
- Keane, Helen, and Marsha Rosengarten. 2002. "On the Biology of Sexed Subjects." *Australian Feminist Studies* 17(39):261–77.
- Keasling, Jay. 2009. "Lecture: Synthetic Biology in Pursuit of Inexpensive, Effective, Anti-Malarial Drugs." *BioSocieties* 4:275–82.
- Keller, Evelyn Fox. 1983. A Feeling for the Organism: The Life and Work of Barbara McClintock. New York: W. H. Freeman and Company.
- ——. 1985. Reflections on Gender and Science. New Haven, CT: Yale University Press.
- ——. 1989. "The Gender/Science System: Or, Is Sex to Gender As Nature Is to Science." In *Feminism and Science*, ed. Nancy Tuana, 33–44. Bloomington: Indiana University Press.

- Keller, Evelyn Fox, and Helen E. Longino. 1996. Introduction to Feminism and science, ed. Evelyn Fox Keller and Helen Longino, 1-14. Oxford: Oxford University Press.
- Kember, Sarah. 2003. Cyberfeminism and Artificial Life. New York: Routledge. Kfoury, Charlotte. 2007. "Therapeutic Cloning: Promises and Issues." McGill Journal of Medicine 10(2):112–20.
- Kirby, Vicky. 1997. *Telling Flesh: The Substance of the Corporeal*. New York:
- -. 2006. Judith Butler: Live Theory. London: Continuum International Publishing Group.
- —. 2008. "Natural Convers(at)ions: Or, What If Culture Was Really Nature All Along?" In Material Feminisms, ed. Stacy Alaimo and Susan Hekman, 214-36. Bloomington: Indiana University Press.
- —. 2011. Quantum Anthropologies: Life at Large. Durham, NC: Duke University Press.
- —. 2012. "Initial Conditions." differences: A Journal of Feminist Cultural Studies 23(3):197-205.
- Koutroufinis, Spyridon A. 2014. "Introduction: The Need for a New Biophilosophy." In Life and Process: Towards a New Biophilosophy, ed. Spyridon A. Koutroufinis, 1–36. Berlin: De Gruyter.
- 2017. "Organism, Machine, Process. Towards a Process Ontology for Organismic Dynamics." Organisms: Journal of Biological Sciences 1(1):19-40.
- Kuiper, George G. J. M., Eva Enmark, Markku Pelto-Huikko, Stefan Nilsson, and Jan-Åke Gustaffson. 1996. "Cloning of a Novel Estrogen Receptor Expressed in Rat Prostate and Ovary." Proceedings of the National Academy of Sciences USA 93:5925-30.
- Kumar, Dinesh, and Yashbir Singh Shivay. 2008. Definitional Glossary of Agricultural Terms. Volume 2. New Delhi: I.K. International Publishing House.
- Lambert, P. A. 2005. "Bacterial Resistance to Antibiotics: Modified Target Sites." Advanced Drug Delivery Reviews 57(10):1471-85.
- Landecker, Hannah. 2007. Culturing Life: How Cells Became Technologies. Cambridge, MA: Harvard University Press.
- Landschoot, Peter. 2018. "The Cool-Season Turfgrasses: Basic Structures, Growth and Development." Department of Plant Science, Penn State University. http://plantscience.psu.edu/research/centers/turf/extension/fact sheets/cool-season.
- Lartigue, Carole, John I. Glass, Nina Alperovich, Rempert Pieper, Prashanth P. Parmar, Clyde A. Hutchison III, Hamilton O. Smith, and J. Craig Venter. 2007. "Genome Transplantation in Bacteria: Changing One Species to Another." Science 317(5838):632-38.
- Lather, Patti. 2007. Getting Lost: Feminist Efforts toward a Double(d) Science. Albany: State University of New York Press.
- Latour, Bruno. 1997. Foreword to Power and Invention. By Isabelle Stengers, viixx. London: University of Minnesota Press.

- 2007. Reassembling the Social: An Introduction to Actor-Network-Theory. Oxford: Oxford University Press.
- Lawrence, J. G. 1999. "Gene Transfer, Speciation, and the Evolution of Bacterial Genomes." Current Opinion in Microbiology 2(5):519-23.
- Lee, Rachel. 2013. Introduction. The Scholar and Feminist Online 11(3).
- —. 2014. The Exquisite Corpse of Asian America: Biopolitics, Biosociality, and Posthuman Ecologies. New York: New York University Press.
- Le Guin, Ursula. 1976 [1969]. "Nine Lives." In The Wind's Twelve Quarters. New York: Bantam Books.
- Lentzos, Fillippa, Gaymon Bennett, Jeff Boeke, Drew Endy, and Paul Rabinow. 2008. "Roundtable on Synthetic Biology: Visions and Challenges in Redesigning Life." BioSocieties 3:311-23.
- Leung, Yuet-Kin, Paul Mak, Sazzad Hassan, and Shuk-Mei Ho. 2006. "Estrogen Receptor (ER)-β signaling." Proceedings of the National Academies of Sciences USA 103(35):13162-67.
- Levine, Jon. 1997. "New Concepts of the Neuroendocrine Regulation of Gonadotropin Surges in Rats." Biological Reproduction 56:293-302.
- Lewontin, Richard. C. 1991. *Biology as Ideology, the Doctrine of DNA*. Toronto: Anansi Press Limited.
- Longino, Helen. 1989. "Can There Be a Feminist Science?" In Feminism and Science, ed. Nancy Tuana, 45-57. Bloomington: Indiana University Press.
- 1990. Science as Social Knowledge: Values and Objectivity in Scientific Inquiry. Princeton, NJ: Princeton University Press.
- —. 1993. "Subjects, Power and Knowledge: Description and Prescription in Feminist Philosophies of Science." In Feminist Epistemologies, ed. Linda Alcoff and Elizabeth Potter, 101–20. New York: Routledge.
- Long Now Foundation. 2008. "Drew Endy, Jim Thomas: Synthetic Biology Debate." http://longnow.org/seminars/02008/nov/17/synthetic-biology -debate.
- Lorde, Audre. 1984a. "Age, Race, Class and Sex: Women Redefining Difference." In Sister Outsider: Essays and Speeches, 114–23. Trumansburg, NY: Crossing Press.
- -. 1984b. "Uses of the Erotic, the Erotic as Power." In Sister Outsider: Essays and Speeches, 53-59. Trumansburg: Crossing Press.
- MacGillivray, Margaret, Akira Morishima, Felix Conte, Melvin Grumback, and Eric Smith. 1998. "Pediatric Endocrinology Update: An Overview. The Essential Roles of Estrogens in Pubertal Growth, Epiphyseal Fusion and Bone Turnover: Lessons from Mutations in the Genes for Aromatase and the Estrogen Receptor." Hormone Research 49(Suppl 1):2-8.
- MacKenzie, Adrian. 2013. "Synthetic Biology and the Technicity of Biofuels." Studies in History and Philosophy of Biological and Biomedical Sciences 44:190-98.
- Mahajan, Damodar K., and Steve N. London. 1997. "Mifepristone (RU486): A Review." Fertility and Sterility 68(6):967-76.

- Margulis, Lynn. 1998. Symbiotic Planet: A New Look at Evolution. New York: Basic Books.
- Margulis, Lynn, and Dorion Sagan. 1986. *Origins of Sex: Three Billion Years of Genetic Recombination*. New Haven, CT: Yale University Press.
- ——. 1991. *Mystery Dance: On the Evolution of Human Sexuality*. New York: Summit Books.
- ———. 1997. What Is Sex? New York: Simon and Schuster Inc.
- ———. 2002. Acquiring Genomes: A Theory of the Origin of Species. New York: Basic Books.
- Martin, Emily. 1987. The Woman in the Body: A Cultural Analysis of Reproduction. Boston: Beacon Press.
- Massumi, Brian. 1987. "Realer Than Real: The Simulacrum According to Deleuze and Guattari." *Copyright* 1:90–97.
- McClintock, Barbara. 1950. "The Origin and Behavior of Mutable Loci in Maize." *Proceedings of the National Academy of Sciences USA* 36(6):344–55.
- McNeil, Maureen. 2005. "Introduction: Postcolonial Technoscience." *Science as Culture* 14(2):105–12.
- ———. 2007. Feminist Cultural Studies of Science and Technology. New York: Routledge.
- Meighoo, Sean. 2016. *The End of the West and Other Cautionary Tales*. New York: Columbia University Press.
- Merchant, Carolyn. 1990. *The Death of Nature: Women, Ecology, and the Scientific Revolution*. New York: HarperOne.
- Messing, Karen, and Donna Mergler. 1995. "'The Rat Couldn't Speak, But We Can': Inhumanity in Occupational Health Research." In *Reinventing Biology:* Respect for Life and the Creation of Knowledge, ed. Lynda Birke and Ruth Hubbard, 21–49. Bloomington: Indiana University Press.
- Mills, Catherine. 2010. "Continental Philosophy and Bioethics." *Bioethical Inquiry* 7:145–48.
- Minnite, Lorraine, and Frances Fox Piven. 2016. "Making Policy in the Streets." In *Urban Policy in the Time of Obama*, ed. James DeFilipis, 272–92. Minneapolis: University of Minnesota Press.
- Mohanty, Chandra Talpade. 1984. "Under Western Eyes: Feminist Scholarship and Colonial Discourses." boundary 2: an international journal of literature and culture 12(3):333–58.
- ———. 2003. Feminism without Borders: Decolonizing Theory, Practicing Solidarity. Durham, NC: Duke University Press.
- MSNBC Online. 2004. "California Give Go-Ahead to Stem-Cell Research." November 3. www.msnbc.msn.com/id/6384390.
- Murphy, Michelle. 2009. "Gender and Sex." In *The Palgrave Dictionary of Trans-national History: From the Mid-19th Century to the Present Day*, ed. Akira Iriye and Pierre-Yves Saunier, 438–41. London: Palgrave Macmillan.
- ———. 2012. Seizing the Means of Reproduction: Entanglements of Feminism, Health, and Technoscience. Durham, NC: Duke University Press.

- ——. 2013. "Distributed Reproduction, Chemical Violence, and Latency." Scholar and Feminist Online 11(3). http://sfonline.barnard.edu/life-un-ltd-feminism-bioscience-race.
- Murugan, Varnee. 2009. "Embryonic Stem Cell Research: A Decade of Debate from Bush to Obama." *Yale Journal of Biology and Medicine* 82(3):101–103.
- Myers, Natasha. 2015. Rendering Life Molecular: Models, Modelers, and Excitable Matter. Durham, NC: Duke University Press.
- Nanda, Meera. 2003. Prophets Facing Backwards: Postmodern Critiques of Science and Hindu Nationalism in India. New Brunswick, NJ: Rutgers University Press.
- Nandy, Ashis. 1995. *Alternative Sciences: Creativity and Authenticity in Two India Scientists*. Delhi: Oxford University Press.
- National Institutes of Health. 2017. "NIH Policy and Guidelines on the Inclusion of Women and Minorities as Subjects in Clinical Research—Amended, Oct. 2001." https://grants.nih.gov/grants/funding/women\_min/guidelines amended 10 2001.htm.
- National Science Foundation. 2014. "ADVANCE at a Glance." www.nsf.gov/crssprgm/advance/index.jsp.
- NBC News. 2017. "Conservative Reps Urge Trump to Fire NIH Chief Francis Collins over Stem Cells." May 22. www.nbcnews.com/health/health-news /conservative-reps-urge-trump-fire-nih-chief-francis-collins-over-n763301.
- New England Biolabs. 2018. "Molecular Cloning." Accessed March 9, 2018. www.neb-online.fr/neb/cloning-synthetic-biology.
- NIH Stem Cell Information Home Page. 2016. "National Institutes of Health Guidelines for Human Stem Cell Research." Accessed March 10, 2018. https://stemcells.nih.gov/policy/2009-guidelines.htm.
- NPR. 2006. "Pet-Cloning Business Closes Its Doors." October 15. www.npr.org /templates/story/story.php?storyId=6272448.
- Ortiz, Fernando. 1947. *Cuban Counterpoint: Tobacco and Sugar*. New York: Alfred A. Knopf, Inc.
- Oudshoorn, Nelly. 1994. *Beyond the Natural Body: An Archeology of Sex Hormones*. New York: Routledge.
- Oyama, Susan, P. E. Griffiths, and R. D. Gray. 2003. Introduction to *Cycles of Contingency: Developmental Systems and Evolution*, ed. Susan Oyama, P. E. Griffiths, and R. D. Gray, 1–11. Cambridge, MA: MIT Press.
- Paddon, C. J., P. J. Westfall, D. J. Pitera, K. Benjamin, K. Fisher, D. McPhee, M. D. Leavell, A. Tai, D. Eng, D. R. Polichuk, et al. 2013. "High-level Semisynthetic Production of the Potent Antimalarial Artemisinin." *Nature* 496(7446):528–32.
- Parisi, Luciana. 2004. *Abstract Sex: Philosophy, Bio-Technology and the Mutations of Desire*. New York: Continuum.
- ———. 2010. "Event and Evolution." *Southern Journal of Philosophy* 48 (Spindel Supplement):147–64.
- Parr, Adrian. 2005. The Deleuze Dictionary. New York: Columbia University Press.

- Penfield, Christopher. 2014. "Rethinking Philosophy and Theology with Deleuze: A New Cartography." Notre Dame Philosophical Reviews. March 12. http://ndpr.nd.edu/news/rethinking-philosophy-and-theology-with-deleuze-a-new-cartography.
- Peplow, Mark. 2016. "Synthetic Malaria Drug Meets Market Resistance." *Nature* 530:389–90.
- Philip, Kavita. 2004. *Civilizing Natures: Race, Resources, and Modernity in Colonial South India*. New Brunswick, NJ: Rutgers University Press.
- Philip, Kavita, Lilly Irani, and Paul Dourish. 2012. "Postcolonial Computing: A Tactical Survey." *Science, Technology, and Human Values* 37(1):3–29.
- Piercy, Marge. 1976. Women on the Edge of Time. New York: Fawcett Crest Books.
- Pollock, Anne. 2012. *Medicating Race: Heart Disease and Durable Preoccupations with Difference*. Durham, NC: Duke University Press.
- Pollock, Anne, and Banu Subramaniam 2016. "Resisting Power, Retooling Justice: Promises of Feminist Postcolonial Technosciences." *Science, Technology, and Human Values* 41(6):951–66.
- Potter, Elizabeth. 2001. *Gender and Boyle's Law of Gases*. Bloomington: Indiana University Press.
- Prasad, Amit. 2014. *Imperial Technoscience: Transnational Histories of MRI in the United States, Britain, and India*. Cambridge, MA: MIT Press.
- Prossnitz, Eric R., Jeffrey Arterburn, and Larry Sklar. 2007. "GPR30: A G Protein-coupled Receptor for Estrogen." *Molecular and Cellular Endocrinology* 265–66:138–42.
- Protevi, John. 2012. "Deleuze and Life." In *The Cambridge Companion to Deleuze*, ed. Daniel W. Smith, 239–64. Cambridge: Cambridge University Press.
- Rabinow, Paul, and Gaymon Bennett. 2009. "Synthetic Biology: Ethical Ramifications 2009." Systems and Synthetic Biology 3:99–108.
- Reardon, Jenny. 2005. *Race to the Finish: Identity and Governance in an Age of Genomics*. Princeton, NJ: Princeton University Press.
- Rich, Adrienne. 1976. *Of Woman Born: Motherhood as Experience and Institution.*New York: W.W. Norton and Company.
- Richardson, Sarah. 2013. Sex Itself: The Search for Male and Female in the Human Genome. Chicago: University of Chicago Press.
- Richardson, Sarah M., Leslie A. Mitchell, Giovanni Stracquadanio, Kun Yang, Jessica S. Dymond, James E. DiCarlo, Dongwon Lee, Cheng Lai Victor Huang, Srinivasan Chandrasegara, Yizhi Cai, et al. 2017. "Design of a Synthetic Yeast Genome." *Science* (6329):1040–44.
- Ritz, Stacey. 2016. "Complexities of Addressing Sex in Cell Culture Research." Signs: Journal of Women in Culture and Society 42(2):307–27.
- Ritz, Stacey, David Antle, Julie Coté, Kathy Deroy, Nya Fraleigh, Karen Messing, Lise Parent, Joey St.-Pierre, Cathy Vaillancourt, and Donna Mergler. 2014. "First Steps for Integrating Sex and Gender Considerations into Basic Experimental Biomedical Research." The FASEB [Federation of American Societies for Experimental Biology] Journal 28:4–13.

- Ro, Dae. K., Eric M. Paradise, Mario Ouellet, Karl J. Fisher, Karyn L. Newman, John M. Ndungu, Kimberly A. Ho, Rachel A. Eachus, Timothy S. Ham, James Kirby, et al. 2006. "Production of the Antimalarial Drug Precursor Artemisinic Acid in Engineered Yeast." *Nature* 440:740–43.
- Roberts, Dorothy. 1998. *Killing the Black Body: Race, Reproduction, and the Meaning of Liberty*. New York: Vintage.
- ———. 2012. Fatal Invention: How Science, Politics, and Big Business Re-create Race in the Twenty-first Century. New York: New Press.
- Robinson, Howard. 2016. "Dualism." In *Stanford Encyclopedia of Philosophy*, ed. Edward N. Zalta. https://plato.stanford.edu/archives/win2016/entries/dualism.
- Rogers, Lesley. 1988. "Biology, the Popular Weapon: Sex Differences in Cognitive Function." In *Crossing Boundaries: Feminisms and the Critique of Knowledges*, ed. Barbara Caine, E. A. Grosz, and Marie de Lepervanche, 43–51. Sydney: Allen and Unwin.
- ———. 2001. Sexing the Brain. New York: Columbia University Press.
- Roosth, Sophia. 2009. "Screaming Yeast: Sonocytology, Cytoplasmic Milieus, and Cellular Subjectivities." *Critical Inquiry* 35(2):332–50.
- Roosth, Sophia, and Astrid Schrader. 2012. "Feminist Theory out of Science: Introduction." differences: A Journal of Feminist Cultural Studies 23(3):1–8.
- Rose, Hilary. 1994. Love, Power, and Knowledge: Toward a Feminist Transformation of the Sciences. Bloomington: Indiana University Press.
- Rose, Nikolas. 2007. *The Politics of Life Itself: Biomedicine, Power, and Subjectivity in the Twenty-first Century*. Princeton, NJ: Princeton University Press.
- Rosser, Sue V. 1986. *Teaching Science and Health from a Feminist Perspective*. New York: Teachers College Press.
- ——. 1989. "Feminist Scholarship in the Sciences: Where Are We Now and When Can We Expect a Theoretical Breakthrough?" In *Feminism and Science*, ed. Nancy Tuana, 3–14. Bloomington: Indiana University Press.
- ———. 1990. Female-Friendly Science: Applying Women's Studies Methods and Theories to Attract Students. New York: Teachers College Press.
- Rossiter, Margaret. 1982. Women Scientists in America: Struggles and Strategies to 1940. Baltimore, MD: Johns Hopkins University Press.
- Rouse, Joseph. 1996. Engaging Science: How To Understand Its Practices Philosophically. Ithaca, NY: Cornell University Press.
- ------. 2002. How Scientific Practices Matter: Reclaiming Philosophical Naturalism. Chicago: University of Chicago Press.
- Roy, Deboleena. 2004. "Feminist Theory in Science: Working Towards a Practical Transformation." *Hypatia: A Journal of Feminist Philosophy* 19(1):255–79.
- ——. 2007. "Somatic Matters: Becoming Molecular in Molecular Biology." Rhizomes: Cultural Studies in Emerging Knowledge 14(Summer). www.rhizomes.net/issue14/roy/roy.html.
- ———. 2008a. "Asking Different Questions: Feminist Practices for the Natural Sciences." *Hypatia: A Journal of Feminist Philosophy* 23(4):134–57.

- ———. 2008b. "Should Feminists Clone? And If So, How? Notes from an Implicated Modest Witness." *Australian Feminist Studies* 23(56):225–47.
- —. 2011. "Feminist Approaches to Inquiry in the Natural Sciences: Practices for the Lab." In *The Handbook of Feminist Research: Theory and Praxis*, ed. Sharlene Hesse-Biber, 313–30. London: Sage Publications.
- ——. 2012. "Cosmopolitics and the Brain: The Co-Becoming of Practices in Feminism and Neuroscience." In Neurofeminism: Issues at the Intersection of Feminist Theory and Cognitive Science, ed. Robyn Bluhm, Anne Jaap Jacobson, and Heidi Maibom, 175–92. New York: Palgrave Macmillan.
- —. 2014. "Developing a New Political Ecology: Neurosceince, Feminism, and the Case of the Estrogen Receptor." In Gendered Neurocultures: Feminist and Queer Perspectives on Current Brain Discourses, ed. Sigrid Schmitz and Grit Hoppner, 203–22. Vienna: Zaglossus Press.
- Roy, Deboleena, Nadia L. Angelini, and Denise D. Belsham. 1999. "Estrogen Directly Represses Gonadotropin-releasing Hormone (GnRH) Gene Expression in Estrogen Receptor- $\alpha$  (ER- $\alpha$ )- and ER $\beta$ -expressing GT1-7 GnRH Neurons." *Endocrinology* 140:5045–53.
- Roy, Deboleena, Nadia Angelini, Hiroki Fujieda, Greg M. Brown, and Denise D. Belsham. 2001. "Cyclical Regulation of GnRH Gene Expression in GT1-7 GnRH-secreting Neurons by Melatonin." *Endocrinology* 142:4711–20.
- Roy, Deboleena, and Denise D. Belsham. 2002. "Melatonin Receptor Activation Regulates Gonadotropin-releasing Hormone (GnRH) Gene Expression and Secretion in GT1-7 GnRH Neurons: Signal Transduction Mechanisms." *Journal of Biological Chemistry* 277:251–58.
- Roy, Deboleena, and Banu Subramaniam. 2016. "Matter in the Shadows: Feminist New Materialism and the Practices of Colonialism." In *Mattering: Feminism, Science and Materialism*, ed. Victoria Pitts-Taylor, 23–42. New York: New York University Press.
- Rubin, David. 2012. "An Unnamed Blank That Craved a Name: A Genealogy of Intersex as Gender." Signs: Journal of Women in Culture and Society 37(4):883–908.
- Russ, Joanna. 1975. The Female Man. New York: Bantam Books.
- Russell, John. 2004. "Venter Making Waves." *Bio-IT World*. April 15. www.bio-itworld.com/archive/041604/venter-making-waves.
- Sagan, Dorion, and Lynn Margulis. 1988. *Garden of Microbial Delights: A Practical Guide to the Subvisible World*. New York: Harcourt Brace Jovanovich.
- Sagan, Lynn. 1967. "On the Origin of Mitosing Cells." *Journal of Theoretical Biology* 14(3):255–74.
- Said, Edward. 1979. Orientalism. New York: Vintage Books.
- Salleh, Anna. 2007. "Stem-cell Research 'Boosting' Women's Egg Trade." ABC News Science Online. July 5. www.abc.net.au/news/2007-07-06/stem-cell -research-boosting-womens-egg-trade/91272.
- Sandoval, Celeste M., Marites Ayson, Nathan Moss, Bonny Lieu, Peter Jackson, Sara P. Gaucher, Tizita Horning, Robert H. Dahl, Judith R. Denery, Derek A.

- Abbott, Adam L. Meadows. 2014. "Use of Pantothenate As a Metabolic Switch Increases the Genetic Stability of Farnesene Producing Saccharomyces cerevisiae." Metabolic Engineering 25:215–26.
- Sandoval, Chela. 2000. *Methodology of the Oppressed*. Minneapolis: University of Minnesota Press.
- ——. 2004. "U.S. Third World Feminism: The Theory and Method of Differential Oppositional Consciousness." In *The Feminist Standpoint Theory Reader*, ed. Sandra Harding, 195–210. New York: Routledge.
- Sargent, Pamela. 1976. Introduction to *Bio-Futures: Science Fiction Stories about Biological Metamorphosis*, ed. Pamela Sargent. New York: Vintage Books.
- ——. 1978. Cloned Lives. New York: Fawcett Press.
- Sarkar, Sahotra. 1996a. "Biological Information: A Skeptical Look at Some Central Dogmas of Molecular Biology." In *The Philosophy and History of Molecular Biology: New Perspectives*, ed. Sahotra Sarkar, 187–231. Boston: Kluwer Academic Publishers.
- ———. 1996b. Introduction to *The Philosophy and History of Molecular Biology:*New Perspectives, ed. Sahotra Sarkar, 1–13. Boston: Kluwer Academic
  Publishers.
- ———. 2005. *Molecular Models of Life: Philosophical Papers on Molecular Biology.* Cambridge, MA: MIT Press.
- Schiebinger, Londa. 1991. *The Mind Has No Sex? Women in the Origins of Modern Science*. Cambridge, MA: Harvard University Press.
- ———. 1994. *Nature's Body: Gender in the Making of Modern Science*. New Brunswick, NJ: Rutgers University Press.
- ——. 1999. *Has Feminism Changed Science?* Cambridge, MA: Harvard University Press.
- Sen Gupta, D. P. 2009. "Jagadish Chandra Bose: The Man and His Time." In *Remembering Sir J.C. Bose*, ed. D. P. Sen Gupta, M. H. Engineer, and V. A. Shepherd, 1–62. London: World Scientific Publishing Company.
- Sen Gupta, D. P., M. H. Engineer, and V. A. Shepherd. 2009. Editors Note (back cover). Remembering Sir J.C. Bose, ed. D. P. Sen Gupta, M. H. Engineer, and V. A. Shepherd. London: World Scientific Publishing Company.
- Seth, Suman. 2009. "Putting Knowledge in its Place: Science, Colonialism, and the Postcolonial." *Postcolonial Studies* 12(4):373–83.
- Shaviro, Steven. 2005. "Cosmopolitics." *The Pinocchio Theory*. Accessed February 1, 2017. www.shaviro.com/Blog/?p=401.
- Shevde, Nirupama, Amy Bendixen, Krista Dienger, and J. Wesley Pike. 2000. "Estrogens Suppress RANK Ligand-induced Osteoclast Differentiation via a Stromal Cell Independent Mechanism Involving c-Jun Repression." *Proceedings of the National Academy of Sciences USA* 97(14):7820–34.
- Shildrick, Margrit. 2004. "Genetics, Normativity, and Ethics: Some Bioethical Concerns." *Feminist Theory* 5(2):149–65.
- Shiva, Vandana. 1995. "Democratizing Biology: Reinventing Biology from a Feminist, Ecological, and Third World Perspective." In *Reinventing Biology*:

- Respect for Life and the Creation of Knowledge, ed. Lynda Birke and Ruth Hubbard, 50–71. Bloomington: Indiana University Press.
- ——. 1997. Biopiracy: The Plunder of Nature and Knowledge. Toronto: Between the Lines.
- Shivers, B. D., R. E. Harlan, J. I. Morrell, and D. W. Pfaff. 1983. "Absence of Oestradiol Concentration in Cell Nuclei of LHRH-Immunoreactive Neurons. *Nature* 304:345–47.
- Shou, Wenying, Sri Ram, and M. G. Vilar. 2007. "Synthetic Cooperation in Engineered Yeast Populations." *Proceedings of the National Academy of Sciences USA* 104(6):1877–82.
- Smith, Daniel W. 2003. "Deleuze and Derrida, Immanence and Transcendence: Two Directions in Recent French Thought." In *Between Deleuze and Derrida*, ed. Paul Patton and John Protevi, 46–66. New York: Continuum.
- Smith, Dorothy. 1974. "Women's Perspective as a Radical Critique of Sociology." *Sociological Inquiry* 44:7–13.
- Smith, Linda Tuhiwai. 1999. *Decolonizing Methodologies: Research and Indigenous Peoples*. London: Zed Books.
- Spanier, Bonnie. 1995. *Im/Partial Science: Gender Ideology in Molecular Biology*. Bloomington: Indiana University Press.
- Spivak, Gayatri Chakravorty. 1985. "Three Women's Texts and a Critique of Imperialism." *Critical Inquiry* 12(1):243–61.
- ——. 1988a. "Can the Subaltern Speak?" In *Marxism and the Interpretation of Culture*, eds. Cary Nelson and Lawrence Grossberg, 271–313. Chicago: University of Illinois Press.
- ——. 1988b. "Subaltern Studies: Deconstructing Historiography." In *Selected Subaltern Studies*, ed. Ranajit Guha and Gayatri Spivak, 3–32. Oxford: Oxford University Press.
- ———. 1999. A Critique of Postcolonial Reason: Toward a History of the Vanishing Present. Cambridge, MA: Harvard University Press.
- Star, Susan L. 1989. Regions of the Mind: Brain Research and the Quest for Scientific Certainty. Stanford, CA: Stanford University Press.
- Stengers, Isabelle. 1997. *Power and Invention: Situating Science*. London: University of Minnesota Press.
- ———. 2000a. "Another Look: Relearning to Laugh." *Hypatia: A Journal of Feminist Philosophy* 15(4):41–54.
- ———. 2000b. The Invention of Modern Science. Minneapolis: University of Minnesota Press.
- ———. 2005. "Introductory Notes on an Ecology of Practices." *Cultural Studies Review* 11(1):183–96.
- ———. 2010. Cosmopolitics I. Minneapolis: University of Minnesota Press.
- Styhre, Alexander. 2001. "The Nomadic Organization: The Postmodern Organization of Becoming." *Tamara: Journal for Critical Organization Inquiry* 1(4):1–12.

- Subramaniam, Banu. 2000a. "Archaic Modernities: Science, Secularism, and Religion in Modern India." *Social Text* 64(18)3:67–86.
- ——2000b. "Snow Brown and the Seven Detergents: A Metanarrative on Science and the Scientific Method." *Women's Studies Quarterly* 28(1/2): 296–304.
- ———. 2014. Ghost Stories for Darwin: The Science of Variation and the Politics of Diversity. Chicago: University of Illinois Press.
- Subramaniam, Banu, Laura Foster, Sandra Harding, Deboleena Roy, and Kim TallBear. 2017. "Feminism, Postcolonialism, Technoscience." In *The Handbook of Science and Technology Studies*, fourth edition, ed. Ulrike Felt, Ravyon Fouché, Clark Miller, and Laurel Smith-Doerr, 407–33. Cambridge, MA: MIT Press.
- Subramaniam, Banu, and Angie Willey. 2017. "Introduction to Science Out of Feminist Theory Part One: Feminism's Sciences." *Catalyst: Feminism, Theory, Technoscience* 3(1):1–23. www.catalystjournal.org. ISSN: 2380–3312.
- Suchman, Lucy. 1987. *Plans and Situated Actions: The Problem of Human/Machine Communication*. New York: Cambridge University Press.
- Sunder Rajan, Kaushik. 2006. *Biocapital: The Constitution of Postgenomic Life*. Durham, NC: Duke University Press.
- ———. 2017. *Pharmocracy: Trials of Global Biomedicine*. Durham, NC: Duke University Press.
- Sweet, Richard L. 2009. "Treatment Strategies for Pelvic Inflammatory Disease." Expert Opinion on Pharmacotherapy 10(5):823–37.
- Synthetic Genomics. 2017. "ExxonMobil and Synthetic Genomics Report Breakthrough in Algae Biofuel Research." www.syntheticgenomics.com/exxon mobil-and-synthetic-genomics-report-breakthrough-in-algae-biofuel -research.
- Tagore, Rabindranath. 1915. *The Gardener*. New York: Macmillan Company.

  ———. 1921 [1916]. *Home and the World*. London: Macmillan and Company Ltd.
- ——. 1960. Gitabitan. Kolkata: Visva Bharati.
- TallBear, Kim. 2013. *Native American DNA: Tribal Belonging and the False Promise of Genetic Science*. Minneapolis: University of Minnesota Press.
- Tavares, L. S., C. S. Silva, V. C. de Souza, V. L. da Silva, C. G. Diniz, and M. O. Santoz. 2013. "Strategies and Molecular Tools To Fight Antimicrobial Resistance: Resistome, Transcriptome, and Antimicrobial Peptides." Frontiers in Microbiology 4(412):1–11.
- Terasawa, Ei, and Brian P. Kenealy. 2012. "Neuroestrogen, Rapid Action of Estradiol, and GnRH Neurons." *Frontiers in Neuroendocrinology* 22:364–75.
- Thacker, Eugene. 2010. After Life. Chicago: University of Chicago Press.
- ThermoFisher Scientific. 2017. "User Guide: pCR™8/GW/TOPO® TA Cloning Kit." Accessed April 5, 2017. www.thermofisher.com/order/catalog/product/K250020.
- Thompson, Charis. 1999. "Confessions of a Bioterrorist: Subject Position and the Valuing of Reproductions." In *Playing Dolly: Technological Formations*,

- Fantasies, and Fictions of Assisted Reproduction, ed. E. Ann Kaplan and Susan Squier, 189–219. New Brunswick, NJ: Rutgers University Press.
- Times of India. 2016. "Rajasthan Government Won't Drop the Two-Child Policy: Kataria." April 2. http://timesofindia.indiatimes.com/city/jaipur/Rajasthan-govt-wont-drop-the-two-child-policy-Kataria/articleshow/51656767.cms.
- Trinh, Minh-ha T. 1991. When the Moon Waxes Red: Representation, Gender and Cultural Politics. New York: Routledge.
- Tuana, Nancy. 1989a. Preface. In *Feminism and Science*, ed. Nancy Tuana, vii–xi. Bloomington: Indiana University Press.
- . 1989b. "The Weaker Seed: The Sexist Bias of Reproductive Theory." In Feminism and Science, ed. Nancy Tuana, 147–71. Bloomington: Indiana University Press.
- ——. 2008. "Viscous Porosity: Witnessing Katrina." In Material Feminisms, ed. Stacy Alaimo and Susan Hekman, 188–213. Bloomington: Indiana University Press.
- US Food and Drug Administration. 2013. "FDA Drug Safety Communication: Risk of Next-Morning Impairment after Use of Insomnia Drugs; FDA Requires Lower Recommended Doses for Certain Drugs Containing Zolpidem (Ambien, Ambien CR, Edluar and Zolpimist." www.fda.gov/drugs/drug safety/ucm334033.html.
- USA Today. 2005. "Frist, Bush Split on Stem Cell Stance." USA Today. August 31. https://usatoday3o.usatoday.com/news/washington/2005-07-31-frist-stem-cells\_x.htm.
- ——. 2007. "Court Upholds Calif. Stem Cell Agency." USA Today. February 26. https://usatoday3o.usatoday.com/tech/science/2007-02-26-stem-cell-ruling \_x.htm.
- van Anders, Sari M. 2013. "Beyond Masculinity: Testosterone, Gender/Sex, and Human Social Behavior in a Comparative Context." Frontiers in Neuroendo-crinology 34:198–210.
- van der Tuin, Iris. 2008. "Deflationary Logic: Response to Sara Ahmed's Imaginary Prohibitions: Some Preliminary Remarks on the Founding Gestures of the 'New Materialism." *European Journal of Women's Studies* 15(4):411–16.
- ———. 2011. "New Feminist Materialisms." *Women's Studies International Forum* 34:271–77.
- ———. 2015. Generational Feminism: New Materialist Introduction to a Generative Approach. New York: Lexington Books.
- Venter, J. Craig. 2007. A Life Decoded: My Genome, My Life. New York: Penguin.
- Venter, J. Craig, Karin Remington, John F. Heidelberg, Aaron L. Halpern, Doug Rusch, Johanthan A. Eisen, Dongying Wu, Karen E. Nelson, William Nelson, Derrick E. Fouts, et al. 2004. "Environmental Genome Shotgun Sequencing of the Sargasso Sea." *Science* 304(5667):66–74.
- ViaGen. 2017. "Initiate Cloning." https://viagenpets.com/product/initiate -cloning.
- Wajcman, Judy. 1991. Feminism Confronts Technology. Oxford: Polity Press.

- Waldby, Catherine. 2002. "Stem Cells, Tissue Cultures, and the Production of Biovalue." Health: An Interdisciplinary Journal for the Social Study of Health, *Illness*, and Medicine 6(3):305-23.
- Waldby, Catherine, and Katherine Carroll. 2012. "Egg Donation for Stem Cell Research: Ideas of Surplus and Deficit in Australian IVF Patients' and Reproductive Donors' Accounts." Sociology of Health and Illness 34(4):513-28.
- Waters, Erica, and Maxine Watson. 2015. "Live Substrate Positively Affects Root Growth and Stolon Direction in the Woodland Strawberry, Fragaria vesca." Frontiers in Plant Science 6(814). doi: 10.3389/fpls.2015.00814.
- Weber, Jutta. 2006. "From Science and Technology to Feminist Technoscience." In Handbook of Gender and Women's Studies, ed. Kathy Davis, Mary S. Evans, and Judith Lorber, 397-414. London: Sage Publications.
- Welchman, Alistair. 1997. "Machinic Thinking." In Deleuze and Philosophy: The Difference Engineer, ed. Keith Ansell Pearson, 211–27. New York: Routledge.
- Weinstein, Jami. 2010. "A Requiem to Sexual Difference: A Response to Luciana Parisi's "Event and Evolution." Southern Journal of Philosophy 48(Spindel Supplement):165-87.
- Westfall, Patrick J., Douglas J. Pitera, Jacob R. Lenihan, Diana Eng, Frank X. Woolard, Rika Tenetin, Tizita Horning, Hiroko Tsuruta, David J. Melis, Andrew Owens, et al. 2012. "Production of Amorphadiene in Yeast, and Its Conversion to Dihydroartemisinic Acid, Precursor to the Antimalarial Agent Artemisinin." *Proceedings of the National Academy of Sciences* 109(3): E111-E118.
- Wetsel, W. C., P. L. Mellon, R. I. Weiner, and A. Negro-Vilar. 1991. "Metabolism of Pro-luteinizing Hormone-releasing Hormone in Immortalized Hypothalamic Neurons." Endocrinology 129(3):1584-95.
- Wilhelm, Kate. 1998 [1976]. Where Late the Sweet Birds Sang. New York: Orb Books.
- Willey, Angie. 2016. Undoing Monogamy: The Politics of Science and the Possibilities of Biology. Durham, NC: Duke University Press.
- Wilson, Elizabeth. 1998. Neural Geographies: Feminism and the Microstructure of Cognition. New York: Routledge.
- 1999. "Introduction: Somatic Compliance—Feminism, Biology and Science." Australian Feminist Studies 14(29):7-18.
- -. 2004. Psychosomatic: Feminism and the Neurological Body. Durham, NC: Duke University Press.
- World Health Organization. 2015. Guidelines for the Treatment of Malaria. Third edition. Geneva: World Health Organization Press.
- Wylie, Alison. 2002. Thinking from Things: Essays in the Philosophy of Archeology. Berkeley: University of California Press.
- —. 2004. "Why Standpoint Matters." In The Feminist Standpoint Theory Reader, ed. Sandra Harding, 339-52. New York: Routledge.

- Yen, Samuel S. C. 1991. "Hypothalamic Gonadotropin-releasing Hormone: Basic and Clinical Aspects. In Brain Endocrinology, ed. Marcella Motta, 245-80. New York: Raven Press.
- Zou, Z., L. F. Horowitz, J. P. Montmayeur, S. Snapper, and L. B. Buck. 2001. "Genetic Tracing Reveals a Stereotyped Sensory Map in the Olfactory Cortex." *Nature* 414:173-79.
- ----. 2008. "Retraction of Genetic Tracing Reveals a Stereotyped Sensory Map in the Olfactory Cortex." Nature 452:120.