

## Fall 2017 – Gender & Science – HOS/GSS/HIS 519

Prof. Erika Lorraine Milam

Time: Tues 9:00 am – 11:50 am  
Office Hours: Monday 10am – noon

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### Course Description

The field of feminist science studies has expanded dramatically in recent decades. This seminar is designed to introduce a set of questions and analytical tools employed by historians interested in science and gender. As historians, we sometimes look to the past as a means of explaining the present. (In this case, everyone agrees on how to characterize the present—science as a social enterprise is fundamentally gendered, and gender, sex, and sexuality are concepts that have been profoundly shaped by science.) How did this come to be?

The seminar begins with a historical exploration of different eras, each posited as important moments in the origin of gendered science: medieval Christianity, the early modern scientific revolution, the Enlightenment classificatory project, the age of empire, the professionalization of scientists in the late nineteenth century, and twentieth-century second-wave feminism. We then turn to a series of well-developed analytical tools employed by historians of science and gender, and finally to recent scholarship. As we read, we will seek to analyze the imbricated processes by which science as a social enterprise has been gendered and the implicit gendering of the sciences of sex and sexuality.

The wealth of new directions in recent scholarship necessitates some hard choices about the topics we will cover in the final weeks of the semester.

### Assignments

Over the course of the semester, you will be asked to produce, on topics of your choosing, two 3,000-word essay reviews (exploring three to four books each). The final assignment is to produce a 5,000-word research proposal. If you would prefer to write a full research paper, that is also possible—it would substitute for one of the essay reviews and the research proposal.

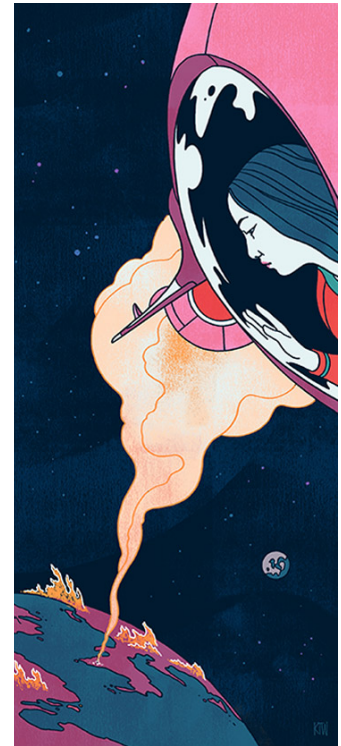


Illustration by Kyle T. Webster, *Nautilus* (Issue 15): [\[link\]](#).

## PART I – ORIGIN STORIES

### Week 1 – Generation

Katherine Park, *Secrets of Women: Gender, Generation, and the Origins of Human Dissection* (Cambridge, MA: Zone Press, 2006).

Monica H. Green, "Flowers, Poisons, and Men: Menstruation in Medieval Western Europe," in Andrew Shail and Gillian Howie, eds. *Menstruation: A Cultural History* (New York: Palgrave, 2005), 51-64.

#### *Further Exploration*

Peter Brown, *The Body and Society: Men, Women, and Sexual Renunciation in early Christianity*, 20<sup>th</sup> anniversary edition (NY: Columbia University Press, 2008).

Joan Cadden, *The Meanings of Sex Difference in the Middle Ages: Medicine, Science, and Culture* (Cambridge: Cambridge University Press, 1993).

Lorraine Daston and Katherine Park, *Wonders and the Order of Nature, 1150-1750* (Cambridge, MA: Zone Books, 1998).

Charlotte Furth, *A Flourishing Yin: Gender in China's Medical History, 960-1665* (Berkeley: University of California Press, 1999).

Monica Green, *Making Women's Medicine Masculine: The Rise of Male Authority in Pre-Modern Gynecology* (Oxford: Oxford University Press, 2008).

Monica H. Green, "Gendering the History of Women's Healthcare," *Gender and History* 20/3 (2008): 487-518.

Brooke Holmes, *Gender: Antiquity and Its Legacy* (Oxford: Oxford University Press, 2012).

### Week 2 – Nature

Carolyn Merchant, *Death of Nature: Women, Ecology, and the Scientific Revolution* (San Francisco: Harper & Row, 1980).

Carol P. MacCormack, "Nature, Culture and Gender: A Critique," in Carol P. MacCormack and Marilyn Strathern, ed. *Nature, Culture and Gender* (Cambridge: Cambridge University Press, 1980), 1-24.

Sherry Ortner, "Is Female to Male as Nature is to Culture?" in M. Z. Rosaldo and L. Lamphere, ed. *Woman, Culture and Society* (Palo Alto: Stanford University Press, 1974), 67-88.

#### *Further Exploration*

"Focus: Getting Back to *The Death of Nature*: Rereading Carolyn Merchant," *Isis* 97/3 (2006): 485-533.

Joyce Chaplin, *Subject Matter: Technology, the Body, and Science on the Anglo-American Frontier, 1500-1676* (Cambridge, MA: Harvard University Press, 2001).

Ursula Le Guin, *The Word for World is Forest* (New York: Tor, 1972).

- Laura Nader, "Up the Anthropologist—Perspectives Gained from Studying Up," in Dell Hymes, ed. *Reinventing Anthropology* (Ann Arbor: University of Michigan Press, 1999 [1969]), 284-311.
- David Noble, *A World Without Women: The Christian Clerical Culture of Western Science* (NY: Knopf, 1992).
- Londa Schiebinger, *Gender in the Making of Modern Science* (New Brunswick: Rutgers University Press, 2004 [1993]).
- Joan Scott, "Gender: A Useful Category of Historical Analysis," *AHR* 91/5 (1986): 1053-1075; *AHR Forum* "Revisiting 'Gender: A Useful Category of Historical Analysis,'" *AHR* 113/5 (2008): 1344-1465.

### **Week 3 – Bodies**

- Michel Foucault, *The History of Sexuality: An Introduction, Vol. 1*, trans. Robert Hurley (New York: Vintage Books, 1990 [1978]).
- Mary Douglas, "The Two Bodies," in *Natural Symbols: Explorations in Cosmology* (New York: Routledge, 1996 [1970]), 69-87.
- Londa Schiebinger, "Why Mammals Are Called Mammals: Gender Politics in Eighteenth-Century Natural History," *The American Historical Review* 98/2 (1993): 382-411.
- Mary Terrall, "Salon, Academy and Boudoir: Generation and Desire in Maupertuis's Science of Life," *Isis* 87/2 (1996): 217-229.

#### *Further Exploration*

- Sabine Arnaud, *On Hysteria: The Invention of a Medical Category Between 1670 and 1820* (Chicago: University of Chicago Press, 2015).
- Barbara Duden, *Woman Beneath the Skin: A Doctor's Patients in Eighteenth-Century Germany* (Cambridge, MA: Harvard University Press, 1998).
- Mary Fissell, *Vernacular Bodies: The Politics of Reproduction in Early Modern England* (Oxford: Oxford University Press, 2007).
- Ludmilla Jordanova, *Sexual Visions: Images of Gender in Science and Medicine between the Eighteenth and Twentieth Centuries* (Madison: University of Wisconsin Press, 1989).
- Londa Schiebinger, "Gender and Natural History," in Nicholas Jardine, James Secord, and Emma Spary, eds. *Cultures of Natural History* (New York: Cambridge University Press, 1996), 163-177.
- Emma Spary, *Eating the Enlightenment: Food and the Sciences in Paris, 1670-1760* (Chicago: University of Chicago Press, 2012).
- Emma Spary, "Political, Natural and Bodily Economies," in Nicholas Jardine, James Secord, and Emma Spary, eds. *Cultures of Natural History* (New York: Cambridge University Press, 1996), 178-196.
- Mary Terrall, *Catching Nature in the Act: Réamur and the Practice of Natural History in the Eighteenth Century* (Chicago: University of Chicago Press, 2013).
- Olivia Weissner, *Ill Composed: Sickness, Gender, and Belief in Early Modern England* (New Haven: Yale University Press, 2015).

## **Week 4 – Empire**

Sadiya Qureshi, *Peoples on Parade: Exhibitions, Empire, and Anthropology in Nineteenth Century Britain* (Chicago: University of Chicago Press, 2011).

Janet Browne and Sharon Messenger, "Victorian Spectacle: Julia Pastrana, the Bearded and Hairy Female," *Endeavour* 27/4 (2003): 155-159.

Kimberly Hamlin, "The Case of a Bearded Woman: Hypertrichosis and the Construction of Gender in the Age of Darwin," *American Quarterly* 63 (2011): 955-981.

### *Further Exploration*

Warwick Anderson, *Colonial Pathologies: American Tropical Medicine, Race, and Hygiene in the Philippines* (Durham, NC: Duke University Press, 2006).

Richard Keller, *Colonial Madness: Psychiatry in French North Africa* (Chicago: University of Chicago Press, 2007).

Ann Laura Stoler, *Race and the Education of Desire: Foucault's History of Sexuality and the Colonial Order of Things* (Durham, NC: Duke University Press, 1995).

Banu Subramaniam, *Ghosts of Darwin: The Science of Variation and the Politics of Diversity* (Urbana: University of Illinois Press, 2015).

**First Essay Review due**

## **Week 5 – Professionalization**

Melissa N. Stein, *Measuring Manhood: Race and the Science of Masculinity, 1830-1934* (Minneapolis: University of Minnesota Press, 2015).

Bernard Lightman, "Redefining the Maternal Tradition," in *Victorian Popularizers of Science: Designing Nature for New Audiences* (Chicago: University of Chicago Press, 2007), 95-166.

Robert Nye, "Medicine and Science as Masculine 'Fields of Honor,'" *Osiris* 12 (1997): 60-79.

### *Further Exploration*

Deborah Coen, *Vienna in the Age of Uncertainty: Science, Liberalism, and Private Life* (Chicago: University of Chicago Press, 2007).

Kimberly Hamlin, *From Eve to Evolution: Darwin, Science, and Women's Rights in Gilded Age America* (Chicago: University of Chicago Press, 2014).

Bernard Lightman and Gowan Dawson, ed. *Victorian Scientific Naturalism: Community, Identity, Continuity* (Chicago: University of Chicago Press, 2014).

Naomi Oreskes, "Objectivity or Heroism? On the Invisibility of Women in Science," *Osiris* 11 (1996): 87-113.

Cynthia Eagle Russett, *Sexual Science: The Victorian Construction of Womanhood* (Cambridge, MA: Harvard University Press, 1989).

## Week 6 – Sex

Donna J. Drucker, *The Classification of Sex: Alfred Kinsey and the Organization of Knowledge* (Pittsburgh: University of Pittsburgh Press, 2014).

Geoffrey C. Bowker and Susan Leigh Star, “Some Tricks of the Trade in Analyzing Classification,” and “Why Classifications Matter,” *Sorting Things Out: Classification and its Consequences* (Cambridge, MA: MIT Press, 1999), 33-50, 319-326, notes 327-333.

Elizabeth Fraterrigo, “‘We Aren’t a ‘Family Magazine’: Sex, Gender, and the Family Ideal in Postwar America,” in *“Playboy” and the Making of the Good Life in Modern America* (NY: Oxford University Press, 2009), 15-48, notes 222-231.

### *Further Exploration*

Beth Bailey, *Sex in the Heartland* (Cambridge, MA: Harvard University Press, 1999).

Ronald Bayer, *Homosexuality and American Psychiatry: The Politics of Diagnosis* (Princeton: Princeton University Press, 1987 [1981]).

Judith Butler, *Gender Trouble: Feminism & the Subversion of Identity* (NY: Routledge, 1989).

Jonathan Gathorne-Hardy, *Kinsey: Sex the Measure of All Things* (London: Chatto & Windus, 1998).

James Jones, *Alfred C. Kinsey: A Public/Private Life* (NY: W.W. Norton & Company, 1997).

Neil Maher, “Heavenly Bodies: ‘Manned Spaceflight’ and the Women’s Movement,” in *Apollo in the Age of Aquarius* (Cambridge MA: Harvard University Press, 2017): 137-182, notes 304-325.

Michelle Murphy, *Seizing the Means of Reproduction: Entanglements of Feminism, Health, and Technoscience* (Durham: Duke University Press, 2012).

Carrie Pitzulo, *Bachelors and Bunnies: The Sexual Politics of Playboy* (Chicago: University of Chicago Press, 2011).

Beatriz Preciado, *Pornotopia: An Essay on Playboy’s Architecture and Biopolitics* (New York: Zone Books, 2014).

Miriam Reumann, *American Sexual Character: Sex, Gender, and National Identity in the Kinsey Reports* (Berkeley: University of California Press, 2005).

Edward Stein, *The Mismeasure of Desire: The Science, Theory, and Ethics of Sexual Orientation* (New York: Oxford University Press, 1999).

Jennifer Terry, *An American Obsession: Science, Medicine, and Homosexuality in Modern Society* (Chicago: University of Chicago Press, 1999).

## PART II – TOOLS & INTERVENTIONS

### Week 7 – Technoscience

Donna Haraway, *Primate Visions: Gender, Race, and Nature in the World of Modern Science* (New York: Routledge, 1989).

Octavia Butler, "Bloodchild" (1984), in Pamela Sargent, ed. *Women of Wonder: The Contemporary Years* (New York: Harvest, 1995), 123-140.

Frederik Pohl, "Day Million" (1966), in Pamela Sargent, ed. *Bio-Futures: Science Fiction Stories About Biological Metamorphosis* (New York: Vintage, 1976), 305-314.

#### *Further Exploration: Classic Feminist Science Fiction*

Naomi Mitchison, *Memoirs of a Spacewoman* (1962)

Ursula LeGuin, *The Left Hand of Darkness* (1969)

Joanna Russ, *The Female Man* (1972)

Marge Piercy, *Woman on the Edge of Time* (1976)

Doris Lessing, *Shikasta: Re, Colonized Planet 5* (1981)

Margaret Atwood, *Handmaid's Tale* (1986)

Octavia Butler, *Dawn* (1987)

#### *Further Exploration: Technoscience*

N. Katherine Hayles, *How We Became PostHuman: Virtual Bodies in Cybernetics, Literature, and Informatics* (Chicago: University of Chicago Press, 1999).

Susan Merrill Squier, *Babies in Bottles: Twentieth-Century Visions of Reproductive Technology* (New Brunswick, NJ: Rutgers University Press, 1994).

Sherry Turkle, *Life on the Screen: Identity in the Age of the Internet* (New York: Simon and Schuster, 1995).

Judith Wajcman, *Feminism Confronts Technology* (University Park: Pennsylvania State University Press, 1991).

#### *Further Exploration: Primatology*

Alyssa Battistoni, "Monstrous, Duplicated, Potent: On Donna Haraway," *n+1* 28 (2017): [link](#).

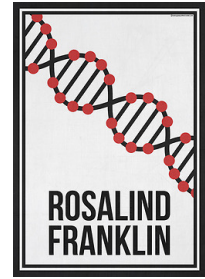
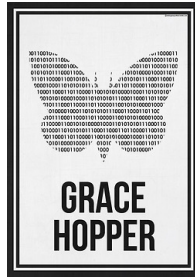
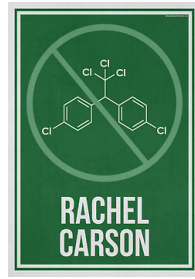
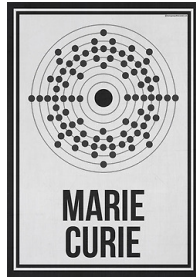
Sarah Blaffer Hrdy, *Mothers and Others; The Evolutionary Origins of Mutual Understanding* (Cambridge, MA: Belknap Press, 2011).

Amanda Rees, *The Infanticide Controversy: Primatology and the Art of Field Science* (Chicago: University of Chicago Press, 2009).

Sally Slocum, "Woman the Gatherer: Male Bias in Anthropology," in *Toward an Anthropology of Women*, ed. Rayna Reiter (NY: Monthly Review Press, 1975), 36-50.

Susan Sperling, "The Troop Trope: Baboon Behavior as a Model System in the Postwar Period," in *Science Without Laws*, ed. Angela Creager, Elizabeth Lunbeck, and M. Norton Wise (Durham, NC: Duke University Press, 2007), 73-90.

Shirley C. Strum and Linda M. Fedigan, eds. *Primate Encounters: Models of Science, Gender and Society* (Chicago: University of Chicago Press, 2000).



## Week 8 – Biography

Evelyn Fox Keller, *A Feeling for the Organism: The Life and Work of Barbara McClintock* (San Francisco: W. H. Freeman, 1983).

Nathaniel Comfort, “Myth,” in *The Tangled Field: Barbara McClintock’s Search for the Patterns of Genetic Control* (Cambridge, MA: Harvard University Press, 2001), 1-16, notes 279-283.

Nathaniel Comfort, “Rebellion and Iconoclasm in the Life and Science of Barbara McClintock,” in *Rebels, Mavericks, and Heretics in Biology*, ed. Michael Deitrich and Oren Harman (New Haven: Yale University Press, 2008), 137-153.

Evelyn Fox Keller, “The Anomaly of a Woman in Physics,” in *Working It Out: 23 Women Writers, Artists, Scientists, and Scholars Talk About Their Lives and Worked*, ed. Sara Ruddick and Pamela Daniels (NY: Pantheon Books, 1977), 77-91.

Beth Horning, “The Controversial Career of Evelyn Fox Keller,” *Technology Review* 96/1 (1993): 58-69.

### Further Exploration

Janet Abbate, *Recoding Gender: Women’s Changing Participation in Computing* (Cambridge, MA: MIT Press, 2012).

Pnina Abir-Am and Dorinda Outram, eds. *Uneasy Careers and Intimate Lives: Women in Science, 1789-1979* (New Brunswick, NJ: Rutgers University Press, 1987).

Natalie Zemon Davis, *Women on the Margins: Three Seventeenth-Century Lives* (Cambridge, MA: Harvard University Press, 1995).

Barbara Gates, *Kindred Nature: Victorian and Edwardian Women Embrace the Living World* (Chicago: University of Chicago Press, 1998).

Margaret W. Rossiter, “The Matthew Matilda Effect in Science,” *Social Studies of Science* 23/2 (1993): 325-341.

Margaret Rossiter, *Women Scientists in America* (Baltimore, MD: Johns Hopkins University Press):  
Vol. 1—*Struggles and Strategies to 1940* (1982)  
Vol. 2—*Before Affirmative Action, 1940-1972* (1995)  
Vol. 3—*Forging a New World Since 1972* (2012)

Sharon Traweek, *Beamtimes and Lifetimes: The World of High Energy Physics* (Cambridge, MA: Harvard University Press, 1992).

## **Week 9 – Myths of Gender**

Sarah Richardson, *Sex Itself: The Search for Male and Female in the Human Genome* (Chicago: University of Chicago Press, 2013).

Rebecca Jordan-Young, “Sexual Brains and Body Politics,” in *Brain Storm: The Flaws in the Science of Sex Differences* (Cambridge, MA: Harvard University Press, 2010), 1-20, notes 293-295.

Marlene Zuk, “Misguided Nostalgia for Our Paleo Past,” *The Chronicle of Higher Education* (Feb 18, 2013): <http://chronicle.com/article/Misguided-Nostalgia-for-Our/137285/>.

### *Further Exploration*

Anne Fausto-Sterling, *Myths of Gender: Biological Theories About Women and Men* (NY: Basic Books, 1992).

Anne Fausto-Sterling, *Sexing the Body: Gender Politics and the Construction of Sexuality* (NY: Perseus, 2000).

Cordelia Fine, *Delusions of Gender: How Our Minds, Society, and Neurosexism Create Difference* (NY: W. W. Norton, 2010).

Helen Longino, *Studying Human Behavior: How Scientists Investigate Aggression and Sexuality* (Chicago: University of Chicago Press, 2012).

Helen Longino, *Science as Social Knowledge: Values and Objectivity in Scientific Inquiry* (Princeton: Princeton University Press, 1990).

Emily Martin, “The Egg and the Sperm: How Science Has Constructed a Romance Based on Stereotypical Male-Female Roles,” *Signs* 16/3 (1991): 485-501.

Jonathan Metzler, *The Protest Psychosis: How Schizophrenia Became a Black Disease* (Boston: Beacon Press, 2011).

**Second Essay Review due**

## **Week 10 – Reproductive (In)Justice**

Michelle Murphy, *The Economization of Life* (Durham, NJ: Duke University Press, 2017).

Laura Briggs, “Demon Mothers in the Social Laboratory,” in *Reproducing Empire: Race, Sex, Science, and U.S. Imperialism in Puerto Rico* (Berkeley: University of California Press, 2002), 109-141.

Gabriela Soto-Laveaga, “Mexican Peasants, a Foreign Chemist, and the Mexican Father of the Pill,” in *Jungle Laboratories: Mexican Peasants, National Projects, and the Making of the Pill* (Durham, NC: Duke University Press, 2009), 38-89, notes 245-256.

Jenny Turner, “Life with Ms Cayenne Pepper,” *London Review of Books* 39/11 (2017): 23-27, Donna Haraway and Liam Young, “Letters,” 39/13 (2017).

### *Further Exploration*

Elizabeth Armstrong, *Conceiving Risk, Bearing Responsibility: Fetal Alcohol Syndrome & the Diagnosis of Moral Disorder* (Baltimore, MD: Johns Hopkins University Press, 2008).

Emily Martin, *The Woman in the Body: A Cultural Analysis of Reproduction* (Boston: Beacon Press, 2001 [1987]).



### PART III – OTHER DIRECTIONS

On Week 3, we will choose two of the following options for the final weeks of seminar. (If you find a topic of gripping interest but it is not one of the options selected by the seminar as a whole, consider using the readings as a launching point for conceptualizing your second review essay.)

#### **Option A – Sexology**

Chandak Sengoopta, *The Most Secret Quintessence of Life: Sex, Glands, and Hormones, 1850-1950* (Chicago: University of Chicago Press, 2006).

Kevin Amidon, "Sex on the Brain: The Rise and Fall of German Sexual Science," *Endeavour* 32/2 (2008): 64-69.

Carol Groneman, "Nymphomania: The Historical Construction of Female Sexuality," *Signs* 19/2 (1994): 337-367.

#### *Further Exploration*

Robert Beachy, "Weimar Sexual Reform and the Institute for Sexual Science," in *Gay Berlin: Birthplace of a Modern Identity* (NY: Knopf, 2014).

Vern Bullough, *Science in the Bedroom: A History of Sex Research* (NY: Basic Books, 1994).

Laura Engelstein, "Morality and the Wooden Spoon: Russian Doctors View Syphilis, Social Class, and Sexual Behavior, 1890-1905," *Representations* 14/Spring (1986): 169-208.

Sabine Fröhstück, *Colonizing Sex: Sexology and Social Control in Modern Japan* (Berkeley: University of California Press, 2003).

Lesley Hall, ed. *Outspoken Women: An Anthology of Women's Writing on Sex, 1870-1969* (NY: Routledge, 2005).

Ralph Leck, *Vita Sexualis: Karl Ulrichs and the Origins of Sexual Science* (Bloomington: University of Illinois Press, 2016).

Elizabeth Lunbeck, *The Psychiatric Persuasion: Knowledge, Gender, and Power in Modern America* (Princeton: Princeton University Press, 1995).

Jeffrey Moran, *Teaching Sex: The Shaping of Adolescence in the 20<sup>th</sup> Century* (Cambridge, MA: Harvard University Press, 2002).

Roy Porter and Mikuláš Teich, eds. *Sexual Knowledge, Sexual Science: The History of Attitudes to Sexuality* (NY: Cambridge University Press, 1994).

#### **Option B – Embodiment**

Christopher Lawrence and Steven Shapin, eds. *Science Incarnate: Historical Embodiments of Natural Knowledge* (Chicago: University of Chicago Press, 1998).

Jennifer Terry and Jacqueline Urla, eds. *Deviant Bodies* (Bloomington: Indiana University Press, 1995), excerpts.

*Further Exploration*

- Melinda Cooper and Catherine Waldby, *Clinical Labor: Tissue Donors and Research Subjects in the Global Economy* (Durham, NC: Duke University Press, 2014).
- Leah DeVun, "The Jesus Hermaphrodite: Science and Sex Difference in Premodern Europe," *Journal of the History of Ideas* 69/2 (2008), 193-219.
- Alice Dreger, *Hermaphrodites and the Medical Invention of Sex* (Cambridge, MA: Harvard University of Press, 1998).
- R. Marie Griffith, *Born Again Bodies: Flesh and Spirit in American Christianity* (Berkeley: University of California Press, 2004).
- Shigehisa Kuriyama, *The Expressiveness of the Body and the Divergence of Greek and Chinese Medicine* (NY: Zone Books, 1999).
- Robert A. Nye, "Biosexual Foundations of Our Modern Concept of Gender," in *Sexualized Brains: Scientific Modeling of Emotional Intelligence from a Cultural Perspective* (Cambridge, MA: MIT Press, 2008), 69-80.

**Option C – Visual Culture**

- Ann B. Schteir and Bernard Lightman, ed. *Figuring it Out: Science, Gender, and Visual Culture* (Hanover, NH: Dartmouth College Press, 2006).
- Anne Fausto-Sterling, "Gender, Race, and Nation," in *Deviant Bodies: Critical Perspectives on Difference in Science and Popular Culture*, ed. Jennifer Terry and Jacqueline Urla (Bloomington: Indiana University Press, 1995), 19-48.
- Sadiya Qureshi, "'Displaying Sara Baartman, the 'Hottentot Venus,'" *History of Science* 42 (2004): 233-257.

*Further Exploration*

- Saidiya Hartman, *Scenes of Subjection: Terror, Slavery, and Self-Making in Nineteenth-Century America* (Oxford: Oxford University Press, 1997).
- Ludmilla Jordanova, *Sexual Visions: Images of Gender in Science and Medicine Between the Eighteenth and Twentieth Centuries* (Madison: University of Wisconsin Press, 1989).

**Option D – Pills**

- Jonathan Metzl, *Prozac on the Couch: Prescribing Gender in the Era of Wonder Drugs* (Durham, NC: Duke University Press, 2003).
- Lara V. Marks, *Sexual Chemistry: A History of the Contraceptive Pill* (New Haven, CT: Yale University Press, 2001).
- Heather Munro Prescott, *The Morning After: A History of Emergency Contraception in the United States* (New Brunswick: Rutgers University Press, 2011).

*Further Exploration*

- Elizabeth Siegel Watkins, *On the Pill: A Social History of Oral Contraceptives* (Baltimore, MD: Johns Hopkins University, 1998).

Ian Lekus, "PrEP, the Pill, and the Fear of Promiscuity," *Nursing Clio* (September 25, 2014): <http://nursingclio.org/2014/09/25/prep-the-pill-and-the-fear-of-promiscuity/>

John Hoberman, *Testosterone Dreams: Rejuvenation, Aphrodisia, Doping* (Berkeley: University of California Press, 2005).

Judith Houck, *Hot and Bothered: Women, Medicine and Menopause in Modern America* (Cambridge, MA: Harvard University Press, 2006).

Nicholas Rasmussen, *On Speed: The Many Lives of Amphetamine* (NY: New York University Press, 2008).

David Serlin, *Replaceable You: Engineering the Body in Postwar America* (Chicago: University of Chicago Press, 2004).

### **Option E – “Natural” Sexuality**

Joan Roughgarden, *Evolution’s Rainbow: Diversity, Gender, and Sexuality in Nature* (Berkeley: University of California Press, 2004).

#### *Further Exploration*

Paul R. Abramson and Steven D. Pinkerton, eds. *Sexual Nature and Sexual Culture* (Chicago: University of Chicago Press, 1995).

Joan Cadden, *Nothing Natural is Shameful: Sodomy and Science in Late Medieval Europe* (Philadelphia: University of Pennsylvania Press, 2013).

Adele Clarke, *Disciplining Reproduction: Modernity, American Life Sciences, and “the Problems of Sex”* (Berkeley: University of California Press, 1998).

Sander Gilman, *Difference and Pathology: Stereotypes of Sexuality, Race, and Madness* (Ithaca: Cornell University Press, 1985).

### **Option F – Kinship**

Sarah Franklin, *Biological Relatives: IVF, Stem Cells, and the Future of Kinship* (Durham, NC: Duke University Press, 2013).

Alondra Nelson, *Social Life of DNA: Race, Reparations and Reconciliation After the Genome* (Boston: Beacon Press, 2016).

#### *Further Exploration*

Emily Martin, *Woman in the Body: A Cultural Analysis of Reproduction* (Boston: Beacon Press, 1987).

Dorothy Roberts, *Fatal Invention: How Science, Politics, and Big Business Re-Crete Race in the Twentieth Century* (NY: The New Press, 2012).

Rebecca Skloot, *The Immortal Life of Henrietta Lacks* (NY: Crown Publishers, 2010).

Alexandra Stern, *Eugenic Nation: Faults and Frontiers of Better Breeding in Modern America* (Berkeley: University of California Press, 2005).

Kim TallBear, *Native American DNA: Tribal Belonging and the False Promise of Genetic Science* (Minneapolis: University of Minnesota Press, 2013).

Rose Eveleth, "Genetic Testing and Tribal Identity," *The Atlantic* (26 January, 2015):  
<http://www.theatlantic.com/technology/archive/2015/01/the-cultural-limitations-of-genetic-testing/384740/>

### Option G – Heroes

Jill Lepore, *The Secret History of Wonder Woman* (NY: Knopf, 2014).

Noah Berlatsky, "My Nemesis, Jill Lepore," *The Chronicle Review* (November 26, 2014):  
<http://m.chronicle.com/article/My-Nemesis-Jill-Lepore/150253/>.

William Moulton Marston and H. G. Peter, *Wonder Woman Archives*, Vol. 1 (DC Comics, 1998): excerpts available as .pdfs.

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Geoffrey C. Bunn, "The Lie Detector, 'Wonder Woman' and Liberty: the Life and Work of William Moulton Marston," *History of the Human Sciences* 10 (1997): 91-119.

Ramzi Fawaz, *The New Mutants: Superheroes and the Radical Imagination of American Comics* (NY: New York University Press, 2016).

Alondra Nelson, ed. *Afrofuturism*, a special issue of *Social Text* 71 (2002).

Aimee Armande Wilson, "Modernism, Monsters, and Margaret Sanger," *Modern Fiction Studies* 59/2 (2013).

**Research Proposal due Dean's Date**

### *FYI – Readers and edited collections:*

Ruth Bleier, ed. *Feminist Approaches to Science* (NY: Pergamon Press, 1986).

Nancy Tuana, ed. *Feminism and Science* (Bloomington: Indiana University Press, 1995).

Evelyn Fox Keller and Helen Longino, eds. *Feminism & Science* (Oxford: Oxford University Press, 1996).

Sally Gregory Kohlstedt and Helen Longino, eds. *Women, Gender, and Science: New Directions*, *Osiris* 12 (1997).

Ingrid Bartsch & Muriel Lederman, eds. *The Gender & Science Reader* (NY: Routledge, 2000).

Angela Creager, Elizabeth Lunbeck, and Londa Schiebinger, ed. *Feminism in Twentieth-Century Science, Technology, and Medicine* (Chicago: University of Chicago Press, 2001).

Erika Lorraine Milam and Robert Nye, eds. *Scientific Masculinities*, *Osiris* Vol. 30 (Chicago: University of Chicago Press, 2015).

Mary Wyer, et al., eds. *Women, Science, and Technology: A Reader in Feminist Science Studies* (NY: Routledge): 1<sup>st</sup> ed. 2001, 2<sup>nd</sup> ed. 2009, 3<sup>rd</sup> ed. 2014.

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