

CURRICULUM VITAE

1. **Name:** Anne Fausto-Sterling
Position: Professor of Medical Science
Department: Molecular, Biochemical and Cellular Biology and Gender Studies
2. **Home Address:**
3. **Education:**
Undergraduate degree: University of Wisconsin,
B.A. in Zoology, 1965
Higher degree: Brown University
Ph.D. in Developmental Genetics, 1970
4. **Professional Appointments:**
1970 - 1971 Research Associate, Brown University
1972 - 1976 Assistant Professor of Medical Science, Brown University
1976 (Spring) Participant 8th International Research Group in Developmental Biology.
Hubrecht Laboratory, Utrecht, The Netherlands (on leave from Brown)
1977 - 1986 Associate Professor of Medical Science, Brown University
1986 (Fall) Visiting Professor, University of Amsterdam, The Netherlands (7 week appt).
1986- Professor of Medical Science, Brown University
1987 (Fall) Distinguished Visiting Professor, SUNY, Plattsburgh (one week appointment).
1989 (Fall) Visiting Professor, University of Cincinnati (two week appointment).
1992 (Spring) Visiting Consultant, Cornell University, Department of Social Studies of
Science and Technology (one week appointment).
1992 (Fall) Henry R Luce Professor of Gender and Science, Mount Holyoke College
(on leave from Brown).
1997 - 1998 Visiting Scholar, Harvard University Department of the History of Science
1998 (Spring) Visiting Professor of Women's Studies, Radcliffe College
1998 - 2001 Senior Fellow, Francis Wayland Collegium for Liberal Learning (Brown).
2003 (Fall) Marta Sutton Weeks Distinguished Visitor at Stanford Humanities Center
2000 - Present Chair Faculty Committee on Science and Technology Studies (Brown).
5. **Completed Publications**

a. Books:

Fausto-Sterling A. (1985). *Myths of Gender: Biological Theories about Women and Men*, Basic Books, New York.

German translation (1988). *Gefangene des Geschlechts?*

Japanese translation (1990)

Literary Agent: John R Brockman, 5 East 59th St., New York, NY 10022

Fausto-Sterling A. (1992). *Myths of Gender: Biological Theories about Women and Men*, 2nd edition (with two new chapters). Basic Books, New York.

Fausto-Sterling A (2000). *Sexing the Body: Gender Politics and the Construction of Sexuality*. Basic Books, New York.

Fausto-Sterling (2006) *Cuerpos sexuados* (Spanish Translation of *Sexing the Body*) Editorial Melusina: Barcelona Spain

Fausto-Sterling, A. General Editor, book series entitled "Race, Gender and Science." Indiana University Press. Books in series:

1989 Tuana, Nancy. *Feminism and Science*

1993 Harding, Sandra. *The "Racial" Economy of Science*

1993 Tuana, Nancy. *The Less Noble Sex*

1994 Rose, Hilary. *Love, Power, Knowledge: Towards a Feminist Transformation of the Sciences*

1994 Rosser Sue V. *Women's Health--Missing from US Medicine*

1995 Terry, Jenifer and Urla, Jacqueline. *Deviant bodies*.

1995 Birke, Lynda and Ruth Hubbard. *Reinventing Biology: Respect for Life and the Creation of Knowledge*.

1995 Spanier, Bonnie. *Im/Partial Visions of Life: Gender Ideology in Molecular Biology*.

1997 Van den Wijngaard, Marianne. *Reinventing the Sexes: Biomedical construction of femininity and masculinity*.

1997 Henrion, Claudia. *Women in Mathematics: The Addition of Difference* (1997).

1998 Harding, Sandra. *Is Science Multicultural? Postcolonialisms, Feminisms, and Epistemologies*.

1998 Barr, Jean and Birke, Lynda. *Common Science? Women, Science and Knowledge*

1999 Goonatilake, Susantha. *Toward a Global Science: Mining Civilizational Knowledge* .

2001 Potter, Elizabeth. *Gender and Boyles Law of Gases*

2002 Brookey, Robert Allen. *Reinventing the Male Homosexual: the Rhetoric and Power of the Gay Gene*.

Fausto-Sterling, A. (2004). Series Editor, with Professor Evelyn Hammonds of Harvard University, "Race and Gender in Science Studies", University of Illinois Press.

2005 Harding, Sandra. *Science and Social Inequality*

b. Chapters in Books:

Mitmann Gregg and **A Fausto-Sterling** (1992) .”Whatever Happened to Planaria? CM Child and the Physiology of Inheritance.” in: Clarke A and J Fujimura eds., *The Right Tool for the Job: At Work in 20th Century Life Sciences*. (Princeton University Press).

Fausto-Sterling A (1995). “Gender, Race and Nation: the Comparative Anatomy of Hottentot Women in Europe I: 1815-1817” in *Deviant Bodies*, eds. Jennifer Terry and Jacqueline Urla. Indiana University Press. Reprinted in *Black Female Body in American Culture*, ed. Kimberly Wallace Sanders, 2001

Fausto-Sterling A (1995). “Nature is the Human Heart Made Tangible” in *Reinventing Biology: Respect for Life and the Creation of Knowledge*, Lynda Birke and Ruth Hubbard, eds. Indiana University Press.

Fausto-Sterling A (1995). “How to Build a Man” in *Constructing Masculinity*, Maurice Berger, Brian Wallace and Simon Watson, eds. pp. 127-135 (Routledge, and also reprinted in *Science and Homosexualities*, Vernon Rosario, ed. Routledge, 1996).

Fausto-Sterling A (1997). “Feminism and Behavioral Evolution: A Taxonomy” in *Evolution and Feminism*, PA Gowaty, ed. (Chapman and Hall) pp. 42-60.

Fausto-Sterling A (1997). “Planaria” in Gilbert, Scott and AM Raunio, eds. *Embryology: Constructing the Organism* . Sinauer.

Fausto-Sterling A (1999). “Is Gender Essential?” in *Sissies & Tomboys: gender nonconformity and homosexual childhood* ed. Matthew Rottnek. New York University Press, p 52-57.

Fausto-Sterling A (2000). “Beyond Difference: Feminism and Evolutionary Psychology” in *Alas Poor Darwin* edited by Hilary and Steven Rose. Crown/Random House.

Fausto-Sterling A (2000). “Ethnicity, Race and Gender” in *The History of Science in the United States: An Encyclopedia*, Garland Encyclopedias in the History of Science.

Fausto-Sterling A. (2003). “The Problem with Sex/Gender and Nature/Nurture” in *Debating Biology: Reflections on Medicine, Health and Society* eds. Williams Simon, J Birke, Lynda and Gillian Bendelow, p123-132.

Fausto-Sterling A. (2003). Chapters from “Sexing the Body: Gender Politics and the Construction of Sexuality”, REPRINTED in Macedonian translation in *Identities, Journal for Politics, Gender and Culture*, Volume II, Number 2, Winter 2003.

Fausto-Sterling A. (2004). Chapter from *Sexing the Body: Gender Politics and the Construction of Sexuality* reprinted in German anthology. The Perseus Books Group.

Fausto-Sterling A. (2004). Chapter, "Gender Systems", reprinted from *Sexing the Body: Gender Politics and the Construction of Sexuality in Sexual Identities and Communication in Everyday Life*, Sage

Fausto-Sterling, A. (2005) "Hormonal Hurricanes" Reprinted from *Myths of Gender in Understanding Equality: The Intersection of Race/Ethnicity, Class, and Gender in the United States*, Rowman & Littlefield Publishers

c. Refereed Journal Articles:

Fausto-Sterling A. (1971). Studies on the sterility phenotype of the mutant *fused* of *Drosophila melanogaster*. *J Expt'l Zool*, 178, 343-350.

Fausto-Sterling A (1971). On the timing and place of action of the female-sterile genes *fused* and *rudimentary* of *Drosophila melanogaster*. *Dev Biol*, 26, 452-463.

Fausto-Sterling A, LM Zheutlin and PR. Brown (1974). Rates of RNA synthesis during early embryogenesis in *Drosophila melanogaster*. *Dev Biol*, 40, 78-83.

Friedman, SJ, PJ Skehan, ML Polan, **Fausto-Sterling A** and PR Brown (1974). DNA synthesis during early development of *Drosophila melanogaster*. *Insect Biochem* 4, 381-394.

Fausto-Sterling A and L Hsieh (1976). Studies on the female-sterile mutant *rudimentary*. I An analysis of the *r* wing phenotype. *Dev Biol*, 57, 269-278.

Fausto-Sterling A, AJ Weiner, and ME Digan (1977). Analysis of a newly isolated temperature sensitive maternal effect mutation of *Drosophila melanogaster*. *J Exp Zool*, 200, 199-210.

Fausto-Sterling A (1977). Studies on the female-sterile mutant *rudimentary* of *Drosophila melanogaster*. II. An analysis of aspartate transcarbamylase and dihydroorotase activities in wild type and *rudimentary* strains. *Biochem Genetics* 15, 803-815.

Fausto-Sterling A and L Hsieh (1978). Pattern formation in the wing venation of *fused* *Drosophila melanogaster*. *Dev Biol* 63, 358-369.

Schaeffer R, MG Kidwell and **A Fausto-Sterling** (1979). "Hybrid Dysgenesis in *Drosophila melanogaster*: Morphological and Cytological Studies on Ovarian Dysgenesis." *Genetics* 92, 1141-1152.

Fausto-Sterling A (1980). Studies on the female-sterile mutant *rudimentary* of *Drosophila melanogaster*. III. Cell death in *rudimentary* wing discs. *J Expt'l Zool*, 213, 383-390.

Fausto-Sterling A. (1980). "Women's Studies and Science - What is the Connection?" *Women's Studies Newsletter*, Winter, 1980. Article also translated into German and reprinted in book entitled *Feministische Wissenschaft und Frauenstudium*, Hamburg, 1982.

Fausto-Sterling A (1981). "Women and Science." *Women's Studies International Quarterly*, 4, 41-50. REPRINTED in *Women in Futures Research* eds. Margrit Eichler and Hilda Scott. Pergamon (1982).

Fausto-Sterling A (1981). The Myth of Neutrality: Race, Sex and Class in Science. *Radical Teacher*, 19, 21-25. REPRINTED in O'Malley, Susan et al eds. *The Politics of Education*.

Muckenthaler F and **A Fausto-Sterling** (1981). Normal and lectin-mediated aggregation in a *Drosophila* cell line. *Wilhelm Roux's Archives* 190, 118-122.

Fausto-Sterling A (1981). Studies on the female sterile mutant *rudimentary* of *Drosophila melanogaster*. IV. The activities of *de novo* and salvage pathway enzymes for pyrimidine biosynthesis during oogenesis, embryonic and postembryonic development of wild type flies. *J Exptl Zool* 218, 419-425.

Fausto-Sterling A and H Smith-Schiess (1982). Interactions between *fused* and *engrailed* two mutations affecting pattern formation in *Drosophila melanogaster*. *Genetics* 101, 71-80.

Fausto-Sterling A (1982). "Course Closeup: The Biology of Gender." *Women's Studies Quarterly* 10, 17-19.

Fausto-Sterling A and L Hsieh (1983). The behavior during the initial phase of *in vitro* aggregation of dissociated disc cells from *Drosophila melanogaster*. *Develop Biology* 100, 339-349.

Fausto-Sterling A, FA Muckenthaler, L Hsieh and PL Rosenblatt (1985). Some determinants of cellular adhesiveness in an embryonic cell line from *Drosophila melanogaster*. *J Exptl Zool* 234, 47-55.

Fausto-Sterling A (1985). "The New Research on Women: How Does It Affect the Natural sciences?" *Women's Studies Quarterly*, 13, 30-32.

Fausto-Sterling A and LL English (1986). "Women and Minorities in Science." *Radical Teacher* 30, 16-20.

Fausto-Sterling A (1987). "Society Writes Biology, Biology Constructs Gender." *Daedalus* 116, 61-76.

Fausto-Sterling A and L Hsieh (1987). *In vitro* culture of *Drosophila* cells: Aggregation, sorting out, and differentiative abilities. *Develop Biol* 120, 284-293.

Fausto-Sterling A (1989). "Life in the Xy Corral." *Women's Studies Int Forum* 12:3.

Fausto-Sterling A (1991). "Race, Gender and Science." *Transformations* 2:2, 4-12.

Fausto-Sterling A (1992). "Building Two-Way Streets: the Case of Feminism and Science." *National Women's Studies Association Journal*. 4, 336-349.

Fausto-Sterling A (1993). "What should we do about science and Women's Studies: A Reply to Comments on 'Building-Two Way Streets.'" *National Women's Studies Association Journal* 5:1.

Fausto-Sterling A and E Balaban (1993). "Genetics and Male Sexual Orientation." *Science* 261, 1257.

Fausto-Sterling A. (1993). "The Five Sexes: Why Male and Female Are Not Enough". *The Sciences* 33, March/April, 20-24. (REPRINTED in *The Meaning of Difference: American Constructions of Race, Sex and Gender, Social Class, and Sexual Orientation*, 4th Edition, by Karen Rosenblum and Toni-Michelle Travis, 2004). (Permission given by New York Academy of Sciences to REPRINT the article in 2004 to: Pearson Custom Publishing and McGraw-Hill). (REPRINTED in Macedonian translation); REPRINTED by: *Canadian Scholars' Press, Inc.* in *Identities, Journal for Politics, Gender and Culture*, Volume III, Number 1, Summer 2004).

Fausto-Sterling A (1995). "Animal models for the development of human sexuality: a critical evaluation." *J Homosexuality* 28, 217-235.

Fausto-Sterling A, Gowaty, Patricia Adair and Zuk, Marlene (1997). "Evolutionary Psychology and Darwinian Feminism." *Feminist Studies* 23,403-418.

Fausto-Sterling A (1997). "Beyond Difference: A Biologist's Perspective." *Journal of Social Issues* 53, 233-258. Reprinted in Paul, Elizabeth, ed. *Taking Sides: Sex and Gender*, Blackwell Publishers 2001.

Fausto-Sterling A (2000). "Teaching through the Millennium." *Signs* 25:4. Reprinted in *Feminisms at a Millenium* ed. Judith Howard and Carolyn Allen, University of Chicago Press, 2001.

Fausto-Sterling A (2000). "Essay Review: The Sex/Gender Perplex," *Studies in the History and Philosophy of Biology & Biomedical Science*, 31: 4 pp 637-646

Fausto-Sterling A (2000). "The Five Sexes, Revisited." *The Sciences*, July/August. (REPRINTED in French translation in *La Recherche* 6 2001-2002 pp.58-62; reprinted in English for the Medical College of Ohio and in *Annual Editions: Human Sexuality and Annual Editions: Physical Anthropology, Dushkin/McGraw Hill*) (REPRINTED in Macedonian translation in *Identities, Journal for Politics, Gender and Culture*, Volume III, Number 1, Summer 2004). (Permission given by New York Academy of Sciences to REPRINT the article to Pearson Custom Publishing, 2004).

Blackless, Melanie, Charuvastra, Anthony, Derryck, Amanda, **Fausto-Sterling A**, Anne, Lauzanne, Karl, Lee, Ellen (2000). "How Sexually dimorphic are we? Review and synthesis." *American Journal of Human Biology* Vol 12: 151-166.

Phornphutkul, Chanika, **Fausto-Sterling A** and Gruppuso, Philip (2000). "Gender self-reassignment in an XY adolescent male born with ambiguous genitalia." *Pediatrics* 106: 135-142.

Reumann, Miriam and **Fausto-Sterling A** (2001). "Notions of Heredity in the correspondence of Edwin Grant Conklin." *Perspectives in Biology and Medicine* 44: 3 p 414-425.

Fausto-Sterling A (2003). "Science matters, culture matters." *Perspectives in Biology and Medicine* 46: 1 p 109-124.

Gilbert, Scott F and **Fausto-Sterling A** (2003). "Educating for social responsibility: changing the syllabus of developmental biology." *International Journal of Developmental Biology* 47: 2/3. p 237-244.

Fausto-Sterling, A. (2004). "Refashioning Race: DNA and the Politics of Health Care", *differences: A Journal of Feminist Cultural Studies*, p. 1-37

Fausto-Sterling, Anne (2005) "The Bare Bones of Sex: Part 1—Sex and Gender" *Signs: Journal of Women in Culture and Society* 30:2 Winter. P. 1491-1527.

Fausto-Sterling, Anne (2006) "Race and Bones (The Bare Bones of Sex Part 2)" *Social Studies of Science* (ms. accepted pending revisions)

Fausto-Sterling, Anne (2006) "Frameworks of Desire" *Daedalus: the Journal of the American Academy of Arts and Sciences* (ms accepted pending revisions)

Fausto-Sterling, Anne, Garcia-Coll, Cynthia and Lamarre, Meaghan (2006) "A dynamic systems approach to the emergence of sex-related differences in early development" (manuscript in preparation to be submitted to *Developmental Review*)

d. Non-refereed Journal Articles:

Fausto-Sterling A and LL English (1985). "Women and Minorities in Science." Wellesley Center for Research on Women Working Papers.

Fausto-Sterling A (1995). "A reply to: feminism and the politics of reproductive strategies, by Laurette T Liesen" in *Politics and the Life Sciences* 14, 171-174.

Fausto-Sterling A (2002). "Gender identification and Assignment in Intersex Children." *Dialogues in Pediatric Urology* 25: (6) 4-5.

e. Book Reviews:

Fausto-Sterling A. (1981). Review of *Foundations of Animal Development* by Arthur Hopper and Nathan Hart, *Bioscience* 31, 464-465.

Fausto-Sterling A (1982). Review of *Sociobiology and Human Politics*, ed. Elliott White, *Contemporary Sociology*, 11, 777-778.

Fausto-Sterling A (1983). Review of *Biological Politics* by J Sayers, *Contemporary Sociology* 12, 346-347.

Fausto-Sterling A (1983). Review of *Biological Politics* by Janet Sayers *Signs* 9: 2.

Fausto-Sterling A (1983). Review of *Women's Nature* eds. Marian Lowe and Ruth Hubbard in *The Women's Review of Books* 1: 3.

- Fausto-Sterling A** (1985). Review of *Black Apollo of Science*, by Kenneth Manning *Bioscience* 35, 111-114.
- Fausto-Sterling A** (1986). Review of *Reflections on Science and Gender* by Evelyn Fox Keller and *Science and Gender* by Ruth Bleier for *Signs* 11, 780-783.
- Fausto-Sterling A** (1989). Review of *The American Development of Biology* ed. R Rainger, KF Benson & J Maienschein. In *Bioscience* 39, 334.
- Fausto-Sterling A** (1989). Review of *Sexual Science*, by CE Russett, for *Women's Review of Books* 8, 6-7.
- Fausto-Sterling, A**(1989). Review of Harding, S and J O'Barr *Sex and Scientific Inquiry* for *NWSA Journal* 3: 1.
- Fausto-Sterling A** (1990). Review of Schiebinger L. *The Mind Has No Sex? Women in the Origins of Modern Science* in *The Women's Review of Books* 7, p 13-14
- Fausto-Sterling A** (1990). Essay Review: *Primate Visions, A Model for Historians of Science?* *J of the History of Biology* 23, 329-333.
- Fausto-Sterling A** (1993). Review of *Primate Visions*, by Donna Haraway in *History and Philosophy of the Life Sciences* 15, 251-253.
- Fausto-Sterling A** (1993). *Review of Secrets of Life, Secrets of Death*, by Evelyn Fox Keller. *Women's Review of Books* X: 8, p 22-23.
- Fausto-Sterling A** (1994). Review of *Female Choices: Sexual Behavior of Female Primates* by MF Small and *The Sexual Brain*, by Simon Levay. *Bioscience* 44, 102-104.
- Fausto-Sterling A** (1995). Review of: *Nature's Body: Gender in the Making of Modern Science*, by Londa Schiebinger, *Gender on Ice: American Ideologies of Polar Expeditions*, by Lisa Bloom and *A Question of Identity: Women, Science and Literature* ed. Marina Benjamin, in *Signs* 21, 172-175.
- Fausto-Sterling A** (1995). Review of: *The Origins and Development of High Ability*, in *Quarterly Review of Biology* 70, 211-212
- Fausto-Sterling A** (1998). Book review of *Gender and Scientific Authority*, eds. Laslett B, Kohlstedt S., Longino H. and Hammonds E. *Bulletin of the History of Medicine* 72: 3, 588-590.
- Fausto-Sterling A** (1999). Review of *Gender Identity Disorder and Psychosexual Problems in Children and Adolescents* by K Zucker and S Bradley in *Journal of Homosexuality* 37: 3, 150-153.
- Fausto-Sterling A** (2001). Review of *Has Feminism Changed Science?* by Londa Schiebinger in *Quarterly Review of Biology* 76: 1, 56.

Fausto-Sterling A (2001). Review of *Defenders of the Truth: the Battle for Science in the Sociobiology Debate and Beyond* by Ullica Segerstrale. *Genomics News* (Celera) 1/16.

Fausto-Sterling A (2002). Review of *Crossing: A Memoir* by Deirdre McCloskey for *Isis: Journal of the History of Science in Society*. 93: 3, 534-535.

Fausto-Sterling A (2002). Review of *Rosalind Franklin: Dark Lady of DNA* by Brenda Maddox for *Science* 298: 1177-1178.

Fausto-Sterling, A. (2003) *The Role of Theory in Sex Research* (Edited by John Bancroft) *Archives of Sexual Behavior* 32:3 pp. 289-291.

Fausto-Sterling A (2003). Review of *American Eugenics: Race, Queer Anatomy and the Science of Nationalism* by Nancy Ordovery for *The Women's Review of Books* XXI: 9-10

Fausto-Sterling, A. (2005) Review of *The Case of the Female Orgasm: Bias in the Science of Evolution* by Elizabeth Lloyd for the *Journal of the History of the Behavioral Science*

f. Abstracts:

Fausto-Sterling A (1988). "Trends in Developmental Biology: A feminist Perspective." *Programs, papers and abstracts for the Joint Conference of the British Society for the History of Science and the History of Science Society*, Manchester, England p 316-325. Madison, Wisc. Omnipress.

Fausto-Sterling A, Dublin AJ, and Rausch J (1997). "Polyembryony in the flatworm *Dugesia tigrina*: a life history approach." *American Zoologist* 37, 110A.

g. Invited Lectures (last 5 years only):

2000 Women, Gender, Science and Technology Symposium. "Building Bridges: Beginning the Conversation Across Cultures" at Douglass College, Rutgers, the State University of New Jersey.

2000 University Lecture Series. "Gender Politics and the Construction of Sexuality." Carnegie Mellon (9/11/00).

2000 "Biologie und Geschlecht." Free University of Berlin Ringvorlesung an der Freien Universität Berlin. "Sexing the Body. The Construction of Gender in Biology." (11/15/00).

2000 "Beyond Nature/Nurture." sponsored by the Einstein Forum (Berlin) and the Technical University of Berlin (11/16/00).

2001 The Judith Lorber lecture in Gender and Society ."Gender Politics and the Construction of Sexuality." Bar-Ilan University, Israel. (1/20/01).

- 2001 *Voices of Public Intellectuals: Feminisms and the Practice of Democracy*, the Radcliffe Institute, Harvard University: "Dueling Dualisms—Beyond Nature/Nurture." (2/2/01).
- 2001 "Science: Sex and Gender." Yale University Women Faculty forum for the Tercentennial. (11/01).
- 2002 "Beyond Nature/Nurture and Sex/Gender." University of Delaware. Newark, Delaware.
- 2002 "Beyond Nature/Nurture and Sex/Gender." University of Pennsylvania, Philadelphia, Pennsylvania.
- 2002 "Sex and Gender (Again!)." 2002 CORPO Realities, Institut für Informatik und Gesellschaft (IIG), Friedrichstr, Freiburg.
- 2002 "Sex and Gender: Shifting Boundaries with a Unified Body." Colloqué international et interdisciplinaire, Université de Genève unimail. Genève.
- 2002 "Defining Women's Health: An Interdisciplinary Dialogue." Harvard University. Cambridge, Massachusetts.
- 2002 "Thinking Systematically about the Emergence of Gender." The Kirkland Project for the Study of Gender, Society, and Culture. Hamilton College. Clinton, New York.
- 2002 "Program in Women, Gender and Sexuality, Inaugural Lecture." Trinity College. Hartford, Connecticut.
- 2003 "Gender and Systems Theory", Nazareth College of Rochester (Honors Program), Rochester, NY
- 2003 Keynote speaker, Duke University Women's Studies Across the Disciplines Lecture Series: "The Bare Bones of Sex: Ending the Sex/Gender - Nature/Nurture Distinction".
- 2003 "The Bare Bones of Sex" presented at the Gender and Science Workshop at MIT, "Why Feminism Needs Biology: A Biology and Feminism Symposium.
- 2003 Marta Sutton Weeks Distinguished Visitor for 2003-2004 at Stanford Humanities Center "The Bare Bones of Sex"
- November 2-12, 2003 Marta Sutton Weeks Distinguished Visitor for 2003-2004 at Stanford Humanities Center "Thinking Systematically about the Emergence of Gender"
- 2004 Speaker Series: "The Bare Bones of Sex: Rethinking the Nature/Nurture Sex/Gender Divide", "Program for Science and Technology Studies". Holtz Center, University of Wisconsin-Madison (9/04).
- 2004 Lecture Series: "Feminist Studies across the Disciplines". Duke University (9/04).

- 2004 Keynote Speaker: “New Ways to Think About the Body”. Symposium on Reshaping the Intellectual Landscape: Women in Academe, Gender and Women’s Studies, Trinity College, Dublin, Ireland (5/04).
- 2005 : “Beyond Nature vs. Nurture: New Ways to think about Sex, Gender and the Body” Laura C. Harris Symposium on Gender and the Body, Denison University (10/05).
- 2005 “Beyond Nature vs. Nurture: New Ways to think about Sex, Gender and the Body”. St. Mary’s College of Maryland.(10/05)
- 2005 Lafayette College Understanding Sexual Differentiation: A New Paradigm for Psychology (9/05)
- 2005 “Understanding Sexual Differentiation: A New Paradigm for Psychology” at a conference on “Understanding Boys and Men”, Harvard Medical School, Department of Continuing Education (6/05).
- 2005 “Born and Raised: A critical analysis of theories of sexuality and the nature/nurture debate” Keynote Presenter and Workshop Presenter: 5th National Conference on Gender, Gender Public Advocacy Coalition (5/05).
- 2006 “Understanding Sexual Differentiation: A New Paradigm for Psychology”: Department of Developmental Cognitive Neuroscience, Hampshire College (3/06).
- 2006 “Born and Raised: A critical analysis of theories of sexuality and the nature/nurture debate” Department of Philosophy, Ideas Matter – Borders, Boundaries and Frontiers, and History of Science, Horning Lectures Series – Marriage, Reproduction and Sexuality, Oregon State University. (2/06)

Talks at Brown (last five years only):

- 2000 Panel participation for the Writing Fellows Program of evening talks by faculty.
- 2000 Panel on Teaching with Technology (sponsored by CIS).
- 2000 Panel on Science and the Humanities (sponsored by WISE).
- 2000 “Points on the Compass.” (Freshman Orientation): Talk reprinted in *Guide to Liberal Learning*, 2001.
- 2001 Voyages of Discovery Talk: Simmons inauguration: “Lifting the Veil on the Human Genome.”
- 2001 Voyages of Discovery Talk: Simmons inauguration: “Sexing the Body.”
- 2002 Speaker at Wayland Collegium Luncheon on Science Studies at Brown.
- 2002 Speaker at the lunchtime seminar series of Brown University’s Population Studies and Training Center, on my current work on a systems approach to understanding gender and bone development.
- 2004 “The Bare Bones of Sex”, conference on “The Political and Symbolic Implications of Quantification”. Working Group on Anthropology and Population.
- 2004 “Thinking Systematically about Nature and Nurture: Part 1 – The Bare Bones of Sex” . Department of Molecular and Cellular Biology and Biochemistry Faculty Seminar Series.

- 2004 Opening presentation for “Understanding Sexual Differentiation: A New Paradigm for Psychology”, Pembroke Center research roundtable (11/04).
- 2004 Roundtable contributor to Roundtable on “Race and the Human Genome” (9/2004) Held at Brown University-Sponsored by the Committee on Science and Technology Studies
- 2005 Perspectives on the Status of Women in the Sciences, What is Dr. Summers Missing? A Panel Discussion sponsored by Women Peer Counseling. (3/05)
- 2005 : Thinking Like a Girl: The Question of Women in Science and Mathematics, Pembroke Center Associates (5/05). Graduation Symposium Series (5/05)
- 2005 “Marriage Equality”, Brown Democrats Conference (10/05)
- 2005 Panel: New Paths of Research and Teaching in the Humanities and the Sciences; Cogut Center for the Humanities Symposium
- 2006 “A conversation with Maggid Jhos Singer and Anne Fausto-Sterling ; Hillel House (3/06)
- 2006 Brown Teaching Collaborative: Research & Teaching - Finding a Balance; Faculty discussion leader (sponsored by the Sheridan Center) (3/06)

h. Papers Read (last 5 years only):

- 2000 Keynote Speaker, Association of Gay & Lesbian Psychiatrists, Chicago.
- 2000 Conference on: The Body in Culture: Corporeality in Social Practice Center for Women’s Studies University of Nijmegen, The Netherlands. “Sexing the Body: Science and Politics.”
- 2000 The Edith Kreeger Wolf Conference 2000 on “Bodies, Ideas Cultures.” Invited paper entitled: “Beyond Nature/Nurture: A Systems Approach to biology.” Northwestern University
- 2000 Conference on: The Nature of Gender—The Gender of Nature Christian-Albrechts University at Kiel, Germany. “One System, Indivisible: On Sex/Gender, Nature/Nurture, Nature/Culture.”
- 2001 Conference on “Value Free Science: Illusion or Ideal?” Center for Ethics and Values in Science.
- 2002 University of Alabama Birmingham. Invited paper entitled: “Transforming social gender in biological fact: the case of sex hormones, 1889-1940.”
- 2001 Discussant Panel on Systems theory and Human Development: Conference on Genetics and Human Development: Brown University.
- 2001 Invited Panelist: “Comparative Sociate Movements in Health.” Society for the Social Studies of Science, national meetings, held in Boston 11/01.

2003 November 13-15, 2003 **Plenary Speaker:** *Women's Sexualities: Historical, Interdisciplinary, and International Perspectives:* Conference held at Indiana University

2005 "Race and Bones" Harvard University Research Seminar on Race and Science (3/06)

i. Work in Review:

j. Work in Progress:

2004 – 2006 Pembroke Center Program: Scholars in Residence 2004-2005. Ongoing Research Group under direction of Anne Fausto-Sterling, Professor of Biology and Medicine, will address the question of "Embodiment".

I am currently at work on a book which is still three years short of completion. The articles published this year are major pieces of the book, and also substantive, theoretically important papers contributed to key gender studies journals. A précis of the book and expected progress is given below.

Body Systems: Rethinking Gender, Race and Sexuality

1. Introduction: (Conceptualized but not written)

The introduction will demonstrate the need to eliminate the idea of a split between nature and nurture from our working vocabulary. This begins where Sexing the Body ends. The "need" stems from two concerns. First, the split has been intellectually unproductive, especially in the last half century. It also prevents important social and political discussions from happening. If we accept that nurture shapes nature while at the same time nature sets limits on nurture, we can move on to considering how the nature-nurture systems is always at work to produce difference and create similarity. The explosion of intellectual work in what we now call systems biology provides the opportunity for the theoretical and political concerns of feminists to engage with biological knowledge rather than struggle against it.

2. The Body in Context (feminist theory and phenomenology) (Requires further conceptual work and writing during the spring and summer of 2006)

This chapter will address the question of how the body as a whole learns to operate in time and space. How does the body "remember" how to ride a bike or how to drive home even when then driver meant to go somewhere different than the routine. Older work by Schilder, Merleau-Ponty and others will be considered alongside the new work on systems psychology. As I define it, systems psychology includes the fields of neural networks and connectionism, dynamic systems applied to the study of motor development (learning to walk, reach and smile) and cognitive development.

3. Where is the environment? (Basic research completed—to be written during the fall of 2006)

One of my main arguments in the book is that neither side of the nature-nurture debate has offered a careful and critical account of the terms they use. Those who argue for the importance of nurture, for example, use terms such as “environment”, “construction”, and “socialization”. In this chapter I ask “where is the environment”? I start by reviewing an ever increasing literature on the effects of prenatal environment on developing physiological characteristics. I will also look here at the effects of sensory, motor, cognitive and emotional experience on post-natal brain development. I argue that if we want to speak of an environmental or social component of human development, we need to carefully define it and to identify the long term and difficult to change effects of the environment as well as shorter term more malleable effects.

4. Medical issues and the intertwining of culture and physiology: (Completed 2006)

My case study here is bone development and the framing of osteoporosis as a disease of old women. My first pass on this has been published in *Signs* (Fausto-Sterling, 2005) with feminist theorists as my target audience. In the process of delving into the medical literature on bones, I realized that there is a substantial medical discourse about racial difference in bone development. I have turned to that discourse with a second paper published in *Differences* (2004). I have now completed the last piece of this section, a paper about race and bones that completes my reframing of the issue raised by contemporary medical discourse.

5. The Emergence of Sex Difference in Early Childhood:

Professor Cynthia Garcia-Coll (Department of Education), research assistant Meaghan Lamarre and I have been working to produce a paper that argues the importance of dropping the nature-nurture paradigm which currently shapes research into sex differences in favor of a developmental systems approach. This paper, which examines and reframes the literature on sex differences in early childhood (years 0-3) is currently undergoing a major rewrite, following comments from colleagues around the country to whom we have circulated the piece.

We have also begun the laboratory research phase of our project, an analysis of videotapes of mother-infant interactions from 3 to 14 months of development. This phase of the work is supported by the Pembroke Center and the Ford Foundation.

6. The emergence of sexual desire:

I have now outlined this last component in an article to appear in a special issue of *Daedalus, the Journal of the American Academy of Arts and Science*, later this year. Discussions about human sexual desire have also been reductively framed in terms of nature vs nurture. But this is a problematic framework. Human sexual desire must arise from some inextricable combination of body and experience; small nervous differences (I hypothesize) may be augmented by early sensory experience and later by experiencing gender binaries and still later by chance sexual experience. In other words, sexual desire is

embedded in the body, but not from birth. Rather the body *acquires* sexuality. It emerges, stabilizes, matures and even sometimes changes over a lifetime. In the next year, I hope to produce an initial position paper analogous to the work on emerging sex differences in young children and the work on bone development.

7. Concluding chapter which will focus on the research, political and policy implications of reformulating our conception of bodily difference.

6. Grants:

- 1972 - 1974 General Research Support Grant from Brown University "Oogenesis and the Control of Early Embryogenesis in Drosophila melanogaster". \$10,000
- 1974 - 1977 National Science Foundation Grant No. BMS-19691 "Control of Embryogenesis in Drosophila melanogaster." \$30,000
- 1974 - 1977 National Foundation - March of Dimes: Basil O'Connor Starter Research Grant "Studies of a Eukaryote Model for Orotic Aciduria." \$46,137
- 1975 - 1978 National Institutes of Health Grant No. HD-07918 "Control of Embryogenesis in Drosophila melanogaster." Total Direct Costs \$79,267
- 1977 - 1979 National Foundation - March of Dimes "A Eukaryotic Model for the Analysis of Pyrimidine Biosynthesis." \$36,000
- 1978 - 1980 National Science Foundation "Control of Embryogenesis in Drosophila melanogaster." \$84,000
- 1980 - 1984 National Science Foundation "Cellular adhesivity and the determined state of imaginal discs of Drosophila melanogaster." \$55,000 for year 1. \$60,000 for year 2. \$65,000 for year 3.
- 1981 Summer supplement to NSF for salary and travel for Dr. Florian Muckenthaler, Visiting Professor in my laboratory. (\$12,000).
- 1984 - 1987 National Science Foundation "Cellular adhesivity and the determined state of imaginal discs of Drosophila melanogaster." \$155,000 for 2 ½ years.
- 1988 - 1989 Bio-Med Research Support Grant "A New Look at Planarian Development." \$6,000
- 1989 - 1990 Bio-Med Research Support Grant "Genetic Control of Planarian Regeneration." \$1600
- 1990 - 1992 Hughes Foundation Grant for planarian research. \$5,000
- 1991 The Evolution of Sexuality in Planaria (with D Rand, A Schmitt and L Brooks: Biology Research Support Grant. \$7,000
- 1992 National Science Foundation--History of Science. "Dissecting Black Women: Biologists' Accounts of Race and Gender in the 19th Century." \$50,000

- 1999 - 2000 "An unexplored country: American Sex Research and the Rise of the Survey, 1900-1948." (with Miriam Reumann, PhD) from the Sexuality Research Fellowship Program, Social Science Research Foundation. \$44,000
- 2004 Brown University Wayland Collegium support for a 2-day roundtable in the fall 2004 on "Understanding Sexual differentiation: A New Paradigm for Psychology" \$5,000.
- 2004 Marshall Woods Lectureships Foundation of Fine Arts award (Brown University Lectureship Funds) for "Race and the Human Genome"; \$5000.
- 2004 Ford Foundation grant (via the Pembroke Center) for Roundtable on on the topic of "Understanding Sexual Differentiation in Human Development"; \$25,000.
- 2005 The Pembroke Center for research on "The Emergence of Difference in Early Child Development". \$20,000 for one year
- 2006 The Ford Foundation "The Emergence of Difference in Early Child Development" \$60,000 1/06-1/08

7. Service:

a. University

- 1981 – present Fellow Wayland Collegium
- 1983 – present Counselor: Independent concentrators in Biology
- 1985 – present Human Biology Concentration Advisor and Program Director
- 1987 – present Member, Pembroke Center Executive Advisory Committee
- 1987 – present Member American Civilization Program Advisory Committee
- 1987 – present Member Gender Studies Board
- 1994 – present Ombudsperson: Department of Molecular Biology, Cell Biology and Biochemistry
- 1996 – 2000 Convenor: Committee for the Social Studies of Science
- 2001 – present Chair Faculty Committee on Science and Technology Studies
- 2001 – present Affirmative Action Officer: Department of Molecular Biology, Cell Biology and Biochemistry
- 2002 – 2003 Member Faculty Task Force on Governance
- 2002 – 2003 Vice Chair of the Faculty Executive Committee Brown University
- 2003 – 2004 Chair of the Faculty Executive Committee, Brown University
- 2004 – 2005 Past Chair Faculty Executive Committee

b. Profession:

Editorial Board Member :

NWSA Journal, Signs, Journal of Homosexuality, Women's Review of Books, Perspectives in Biology and Medicine, Journal of Gay and Lesbian Psychotherapy

Review Grants (Ad Hoc):

NSF Programs in Genetic Biology, in Developmental Biology, History of and Philosophy of Science Programs and Ethics and Values in Science, Science and Technology Studies, “Looking for a Few Good Males: Female Choice in Evolutionary Biology, 1900 – 1975”, National Science Foundation, Science and Technology Studies (3/04). NSF Program in Science and Technology Studies: 2005 Dissertation Grant: An Ethnography of Behavioral Epidemiologists and their Human Subjects in the Production of Scientific Sexual and Drug-Use Knowledge, University of California, San Francisco; 2005 Dissertation Grant: “Working It:” Ethnography of Transgender Body-Making Technologies in the San Francisco Bay Area, University of California- Berkeley

Manuscript Reviews for Professional Journals (2005-2006):

Journal of Homosexuality, Perspectives in Biology and Medicine, Signs: Journal of Women in Culture and Society; Studies in History and Philosophy of Biological and Biomedical Sciences, Social Studies of Science; Cultural Anthropology Developmental Psychology; Developmental Biology;

Review Book Manuscripts for:

Duke University Press, The Free Press, , Indiana University Press, MIT Press, Princeton University Press, University of Chicago Press, The Haworth Press, University of Illinois Press, University of South Carolina Press, Social Studies of Science at Cornell; University of Chicago Press

External Examiner:

PhD Qualifying Exam English Department, Boston College. 1999

Member:

Institute of Medicine Committee on Understanding the Biology of Sex and Gender Differences, 2000-2001.

2006 Research Group on “The New Genetics and the Trans-Atlantic Slave Trade” Harvard University

2006 Research Seminar on Race and Science, Harvard University

External Tenure or Promotion Review Letters (2005-2006) for:

University of Massachusetts, Boston and Oregon State University (promotion to tenure and promotion from Associate to Full Professor); Birkbeck College, University of London

c. Community:**Publications for a popular audience**

Fausto-Sterling A. (1992). “Sex Ignorance.” *Discover* 13:6, pp 28-30. Reprinted in *Annual Edition: Human Sexuality* (Dushkin Publishing).

Fausto-Sterling A. (1993). “The Five Sexes.” *The Sciences* 33, March/April. (This piece has been reprinted in *The New York Times, Men As We Are; Women, Culture and Society, A*

Reader; and *Annual Edition: Human Sexuality*); Reprinted in two additional locations in 2001.

Fausto-Sterling A. (1993). "Is Nature Really Red in Tooth and Claw?" *Discover* 14:4, 24-27.

Fausto-Sterling A. (1993). "How many Sexes are There?" *New York Times* Op Ed Page March 12.

Fausto-Sterling A. (1993). "Sex, Race, Brains and Calipers." *Discover* 14:10, pp.32-37

Fausto-Sterling A. (1994). Interview on the Human Genome Project. *Women's Review of Books*, special summer issue on women's health.

Fausto-Sterling A. (1995). "Anatomy" in *Encyclopedia of African American Culture and History* eds. Charles V. Hamilton and Jack Salzman. Macmillan.

Fausto-Sterling A. (1995). "Nobody Loves a Mutant" in *How Things Are: A Science Toolkit for the Mind* John Brockman and Katinka Matison, eds. Wm Morrow.

Fausto-Sterling A (2000). "Mobius Strip: View Bodies in Culture." Providence Journal 5/15/00. P. B4

Fausto-Sterling A. (2001). "Case Commentary on Engendering Differences: Ethical Issues about Intersex." *Ethics Rounds* 10:1 (Kaiser Permanente Ethics Committee) and REPRINTED in *Permanente Journal* because of unusual interest.

Fausto-Sterling, A. (2004) "Is Science Objective?" *The Women's Review of Books* XXI No 7 p 7-8.

Film, TV or Radio Interviews for 2005:

Featured in Biography magazine, September, 2005.

Horizon, BBC science documentary series: "Dr. Money and the Boy with No Penis"

Guest on "Philosophy Talk", KALW Public Radio, San Francisco; hosted by Stanford professors

Rhode Island School of Design student documentary on intersex issues.

Interview for RadioActive, KRCL, Salt Lake City.

Interview for *Attache* magazine on evolutionary psychology.

Appeared in HBO documentary, *Middle Sexes: "Redefining He and She"*

Reporters (Print Media) spoken to in 2005:

Leslie Feinberg, Worker's World on "Women's Brains and 'Myths of Gender'" Reference to comments/interview on <http://www.workers.org/us/2005/myths-of-gender-0303/>
Interview for article on transgender athletes for Slate.com.

Clarification on Maria Patino in *Sexing the Body* from recent graduate of Rensselaer Polytechnic Institute

Gender differences in brain/development, CNN/Medical Unit, Atlanta, GA.

Divorce proceedings involving possibly intersexed client, Michigan.

The continuum of sexuality for the *The Record Newspaper, Central Valley, CA*

8. Academic Honors

- 1970 -1971 National Institutes of Health Postdoctoral Trainee in Developmental Biology.
- 1971 Support fellowship from National Science Foundation to attend summer workshop in Molecular Techniques in Developmental Biology.
- 1972 NATO Advanced Study Institute, Venice, Italy. 1980-1981 Mellon Fellow of the Wellesley Center for Research on Women.
- 1982 -Fall Faculty Fellow, Pembroke Center for Teaching and Research on Women (on leave).
- 1983 Summer stipend for one month from the Wayland Collegium as a planning grant for a new introductory Biology course: "The Biology of Gender."
- 1983 -Fall Award from University Lectureship Committee and the Division of Biology and Medicine to organize a lecture series on Feminism and Science (total dollars raised - \$2500).
- 1984 Summer stipend from the Odyssey Project (Dean of the College to design a course on Women and Minorities in Science).
- 1984 -1985 Invited participant in the Mellon Research Seminar on Women, Science and Technology, Wellesley Center for Research on Women.
- 1984 -1985 Travel Fellowship and per diem for attendance of Mellon Seminar at the Wellesley Center for Research on Women
- 1986 Henry Wriston Grant to revise the Human Biology Concentration
- 1990 Elected Fellow of the American Association for the Advancement of Science.
- 1991 Recipient, Research Fellowship from the American Council of Learned Societies
- 1994 Essay "*The Five Sexes*" receives honorable mention in volume entitled: *The Best American Essays of 1994*.
- 1995 Recipient of "The Women of Distinction Award." Kingsborough Community College, City University of New York.
- 1997 Biographical profile in *No Universal Constants: Journeys of Women in Science and Engineering*. Temple University Press (1997) eds. Nair, Indira et al.

- 1997 -1998 Fellow, Dibner Institute for the History of Science and Technology, MIT.
- 1997 -1998 Fellow, American Council of Learned Societies.
- 1999 RI Association for Women in Psychology “Vision to Action Award” “for her efforts in articulating a vision, taking action to make it a reality, and inspiring other women to do the same.”
- 2000 Appointed Edith Kreeger Wolff Visiting Professor in Gender Studies at Northwestern University (for a 3 week period in Fall of 2000).
- 2000 *Sexing the Body* chosen as one of the Outstanding Academic Books of 2000 by CHOICE Magazine (Published by the American Library Association).
- 2000 *Sexing the Body* co-winner of the Robert K Merton Award of the American Sociological Association Section on Science, Knowledge and Technology.
- 2001 *Sexing the Body* received Distinguished Publication Award by the Association for Women in Psychology.
- 2001 Inaugural Lecturer of the Judith Lorber Lecture in Gender Studies at the University of Bar-Ilan, Israel
- 2003 Invited Scholar Stanford University Center for the Humanities
- 2005 Margaret Brent Award St. Mary’s College, Maryland
- 2005 2005 Harriet W. Sheridan Award for Distinguished Contribution to Teaching and Learning at Brown University

Professional Society Membership

International Association for Sex Research

Society for Developmental Biology

History of Science Society

International Society for the History, Philosophy and Social Studies of Biology

National Women's Studies Association

Association for Women in Science

American Association for the Advancement of Science

Society for Comparative and Integrative Biology

9. Teaching Activities: (last three years)

Courses:

- 2002 (Fall) Bio 195 1 student/met every other week
- 2002 (Fall) GN 201 (Pembroke seminar/on leave from Department) Total 20 participants (2 undergrad.; 4 graduate students; 13 postdoctoral students and faculty); 13 classes of 2.5 hours/class)

- 2003 (Spring) GN 202 (Pembroke seminar/on leave from Department) Total 20 participants (2 undergrad.; 4 graduate students; 13 postdoctoral students and faculty); 13 classes of 2.5 hours/class)
- 2003 (Spring) Bio 196 1 student (thesis advisor—see below) met biweekly
- 2004: (Spring) Bio 32 25 students **24 2 hour classes** **Classes were lab and lecture combined; I gave 100% of the classes;**
- 2004 (Fall) Graduate Mellon Seminar on Science and Technology Studies; met **7 times for 2 hours per class; I attended all sessions** (graduate students presented work); 12 students from 10 different departments
- 2005 (Spring) Bio 232 Systems Theory in Evolution in Development (3 students, met weekly for 3 hours)
- 2005-2006 Sabbatical Leave

Advising:

2002 (Fall and Spring) Concentration advisor for Human Biology Race and Gender track; Advise all three years (sophomores, juniors and seniors). Total number of advisees: ~ 16; Total hours/semester ~ 16.

2003 (Fall and Spring) Concentration advisor for Human Biology Race and Gender track; Advise all three years (sophomores, juniors and seniors). Total number of advisees: ~ 16; Total hours/semester ~ 16.

2004 (Fall) Concentration advisor for Human Biology Race and Gender track; Advise all three years (sophomores, juniors and seniors). Total number of advisees: ~ 16; **Total hours/semester ~ 16.**

2004 (Fall) Concentration advisor for newly approved concentration-Science and Society. Total number of advisees ~ 9; **Total number of hours/semester ~ 15.**

2004 (Fall) Miscellaneous advising; I receive a steady stream of students interested in independent concentrations or other matters related to coloring outside the lines. I estimate **10 hours/semester** spent with these students.

2005 (Fall and Spring) Concentration advisor for Human Biology Race and Gender track; Advise all three years (sophomores, juniors and seniors). Total number of advisees: ~ 16; **Total hours/semester ~ 16**

2005 (Fall and Spring) Concentration advisor concentration-Science and Society. Total number of advisees ~ 9; **Total number of hours/semester ~ 15.**

Students Mentored:

Spring 2002 Undergraduate thesis advisor (gender studies): Heather Smith (recipient of the 2002 Joan Wallach Scott Prize)

Spring 2002 Bio 196: Undergraduate thesis advisor (gender studies): Rashmi Kusesia, Jaime Lyn Gaffe, and Robin Hopkins

Fall 2002 Bio 195: Undergraduate thesis advisor (gender studies): Martina Trimbur

Summer 2005 UTRA Project for Julia Liu on Race and Body Mass Index

Graduate Students and Postdoctoral Fellows:

Susana Martins. Department of English, Boston College: Thesis Committee and Advisor. Topic: Technological Normativity. "Imagining the High -Tech in Contemporary American Culture." Completed 2003.

2003-2004 Joshua Levens, Graduate Student in the History of Science. John Hopkins University.