

CURRICULUM VITAE

Deboleena Roy, Ph.D.
deboleena.roy@emory.edu

21 Rock Harbor Lane
Foster City, CA
94404
650-312-1495

Education

- 2001 Ph.D., Reproductive Neuroendocrinology.
Institute of Medical Sciences, University of Toronto.
Thesis: *The Effects of Estrogen, Androgens and Melatonin on Gonadotropin-Releasing Hormone (GnRH) Regulation in Hypothalamic GT1-7 Neuronal Cells.*
- 1996 M.Sc., Biology.
Department of Biology, McMaster University.
Thesis: *In vitro sensitivity of murine fibrosarcoma cells to photodynamic therapy, UV light and gamma rays.*
- 1993 B.Sc., Microbiology, Specialist Program.
Minor in South Asian Studies, University of Toronto.

Teaching Experience and Scholarly Activity

- 2008 Associate Professor of Women's Studies and Neuroscience and Behavioral Biology, Emory University
- 2008 Associate Professor, Department of Women's Studies, San Diego State University (tenure and promotion May 2008)
- 2002 – 2008 Assistant Professor, Department of Women's Studies, SDSU
- Courses taught and developed:
- 1) Women's Sexuality and the Body (300 level, GE)
 - 2) Sex, Power and Politics (300 level, GE)
 - 3) Gender, Science and Technology (300 level, Natural Sciences GE)
 - 4) Feminist Science Studies (upper division/graduate course),
 - 5) Gender, Race and Class (upper division/graduate course)
 - 6) Gender, Culture and Representation (Graduate Seminar)
- 2008 – 2009 Faculty Research Fellow, Michelle R. Clayman Institute for Gender Research, Stanford University.

- 2005 Invited scholar, Nextwave of Gender and Technoscience Research Seminar. University of California Humanities Research Institute, UC Irvine.
- 2002 – 2003 Visiting Scholar, Brown University.
“Theories of Embodiment” seminar, Pembroke Center for Teaching and Research on Women.
- 1998-1999 Teaching Assistant, Molecular Microbiology. Department of Medical Genetics and Microbiology, University of Toronto.
- 1996 Teaching Assistant, Cellular Biology. Department of Biology, McMaster University.
- 1995 Teaching Assistant, Biology. Department of Biology, McMaster University.
- 1994 Teaching Assistant, Medical Microbiology. Department of Biology, University of Toronto.

Articles Published in Peer Reviewed Journals

Roy, Deboleena. 2008. Asking different questions: Feminist practices for the natural sciences. *Hypatia: A Journal of Feminist Philosophy* 23 (4): 134-157.

Roy, Deboleena. 2008. Should feminists clone? And if so, how? Notes from an implicated modest witness. *Australian Feminist Studies* 23 (56): 225-247.

Roy, Deboleena. 2007. Somatic matters: Becoming molecular in molecular biology. Special Issue: Feminisms’ Others. *Rhizomes: Cultural Studies in Emerging Knowledge* 14 (Summer). <http://www.rhizomes.net/issue14/roy/roy.html>.

Roy, Deboleena. 2006. Matters of the biological body: Developing a feminist methodology in science. Special Issue: Genre, Science et Reserche. *Cahiers du Mage* (Marche du Travail, Genre et Sociétés) 9: 169-180.

Roy, Deboleena. 2004. Feminist theory in science: Working towards a practical transformation. Special Issue: Feminist Science Studies. *Hypatia: A Journal of Feminist Philosophy* 19 (1): 255-279.

J.M.A. Gillespie, **D. Roy**, H. Cui, D.D. Belsham. 2004. Repression of gonadotropin-releasing hormone (GnRH) gene expression by melatonin may involve transcription factors COUP-TF1 and C/EBP beta binding at the GnRH enhancer. *Neuroendocrinology* 79: 63-72.

J.M. Gillespie, B.P. Chan, **D. Roy**, F. Cai, D.D. Belsham. 2003. Expression of circadian rhythm genes in GnRH-secreting GT1-7 neurons. *Endocrinology* 144: 5285-5292.

Deboleena Roy 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*, 277:251-258.

Deboleena Roy, 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: 4711-4720.

Deboleena Roy, Nadia L. Angelini, and Denise D. Belsham. 1999. Estrogen directly represses gonadotropin-releasing hormone (GnRH) gene expression in estrogen receptor- α (ER- α)- and ER β -expressing GT1-7 GnRH neurons. *Endocrinology* 140: 5045-5053.

Denise D. Belsham, Andreas Evangelou, **Deboleena Roy**, Duk Vin Le and Theodore J. Brown. 1998. Regulation of gonadotropin-releasing hormone (GnRH) gene expression by 5 α -dihydrotestosterone in GnRH-secreting GT1-7 hypothalamic neurons. *Endocrinology* 139: 1108-1114.

Articles in Conference Proceedings

Roy, Deboleena. 2000. Developing a feminist model of molecular biology research in reproductive science: memoirs of a Ph.D. student. Filed with the National Library, ISBN-0-9686864-0-0. Science As If The World Mattered, May 9-12, 2000, OISE/University of Toronto.

Roy, Deboleena. 1993. Ethical dilemmas in the Mahabharata.” In *South Asian Symposium 1992-1993: A Reader in South Asian Studies*, eds. Michilynn Dubeau and Louis E. Fenech. Toronto: University of Toronto Press.

Book Manuscript in Progress

Roy, Deboleena. *Mapping gender, neurons and hormones: Feminist configurations in the neurosciences.* (In preparation)

Articles in Progress

Roy, Deboleena. Mapping the Unexpected: Neuroethics, Feminism and the Matter of Difference. (Submitted to the journal *Science and Engineering Ethics*, Special Issue: Neuroethics)

Roy, Deboleena. Strange Encounters: Feminism, Biology and Resistance to Difficult Knowledges. (In preparation)

Book Reviews

Roy, Deboleena. 2007. Science has no sex: The life of Marie Zakrzewska, M.D. by Arleen Marcia Tuchman. *New England Quarterly* 80 (3): 514-516.

Fellowships and Awards

- 2008 Spring Outstanding Faculty Teaching Award, Department of Women's Studies, SDSU
- 2008 – 2009 Faculty Research Fellowship, Michelle R. Clayman Institute for Gender Research, Stanford University. Project in Feminist Neuroethics.
- 2005 Spring Outstanding Faculty Teaching Award, Department of Women's Studies, SDSU
- 2004 Fall Microgrant, College of Arts and Letters, SDSU
- 2003 Spring Research, Scholarship, and Creative Activity Fellowship, College of Arts and Letters, San Diego State University.
- 2002-2003 Postdoctoral Fellowship, Pembroke Center for Teaching and Research on Women, Brown University (offer declined).
- 2000 Ontario Graduate Scholarship in Science and Technology
- 2000 Endocrine Society Travel Award
- 2000 Institute of Medical Sciences Merit Award
- 1999 Ontario Graduate Scholarship in Science and Technology
- 1997 University of Toronto Doctoral Fellowship
- 1996 University of Toronto Doctoral Fellowship
- 1989 Canada Scholar, University of Toronto

Conference Participation and Invited Lectures

- Feb 2009 “Asking Different Questions: Feminist Practices and the Natural Sciences.” Feminist Research Methods Conference, Stockholm (Invited Panelist)
- 2008 June “Strange Encounters: Feminism, Biology and the Resistance to Difficult Knowledges.” National Women’s Studies Association. Cincinnati, OH. (Invited Panelist)
- 2008 May “Strange Encounters: Feminism, Biology and the Resistance to Difficult Knowledges.” Cultural Studies Association. New York, NY. (Roundtable presentation)
- 2008 March “Feminist Practices in Scientific Research” Research Ethics Program, University of California, San Diego. (Invited speaker)
- 2008 March “Technologies for Reproductive Justice” Association for Women in Psychology. (Invited Keynote speaker).
- 2007 November “Women, Feminism and New Directions in Science.” Amylin Pharmaceuticals. Amylin Reaching out to Women (AROW) program. (Invited speaker).
- 2007 October Neuroethics Seminar: Social Sciences Focus Group, Center for Ethics in Science and Technology, UCSD. (Invited panelist)
- 2007 Fall Research Ethics Seminar Series, Division of Research Affairs, SDSU. (Invited panelist)
- 2007 February “Asking Different Questions: Feminist Practices for the Natural Sciences,” Feminist Epistemologies, Methodologies, Metaphysics and Science Studies Conference (FEMMSS2 – Knowledge that Matters), Arizona State University. (Invited talk)
- 2006 November “Redirected Evolution and Molecular Becomings.” 20th Annual Conference, Society for Literature, Science and the Arts. New York, NY. (Panel presentation)
- 2006 March “Mutated Modest Witnessing: Developing a Prescriptive Approach to Theory Choice in the Natural Sciences.” 8th Annual Philosophy of Social Sciences Roundtable at UC Santa Cruz. (Invited talk).
- 2005 November “Matters of the Biological Body: Finding a Methodology for the Mutated Modest Witness.” Gender, Science, Research Conference sponsored by the Centre des Recherche en Histoire des Science et des Techniques in Paris, France. (Invited talk)

- 2005 June Sexual Rights and Moral Panics, 5th International Conference hosted by the National Sexuality Resource Center and Human Sexuality Studies at San Francisco State University. (Participant)
- 2004 November “Should Feminists Clone? And if so, How? Molecular Technologies and the Feminist Scientist.” Feminist Epistemologies, Methodologies, Metaphysics and Science Studies Conference (FEMMSS) at the University of Washington, Seattle. (Invited Keynote speaker)
- 2004 May “Feminism and Science.” The Center, Women’s Lecture Series sponsored by the San Diego LGBT Community Center and the SDSU Women’s Studies Department. (Invited speaker)
- 2003 May “Feminist Theory in Science.” San Diego State University, Center for Research in Mathematics and Science Education, Spring Colloquium Series. (Invited speaker)
- 2000 June “Signal Transduction Pathways Involved in Melatonin-mediated Regulation of GnRH Gene Expression in GnRH Neurons of the Hypothalamus.” Endocrine Society Annual Meeting, Toronto, ON. (Invited speaker)
- 2000 May “Developing a feminist model of molecular biology research in reproductive science: memoirs of a Ph.D. student.” Science As If the World Mattered Conference at the Ontario Institute for Studies in Education/University of Toronto. (Panel presentation)
- 1999 June “Melatonin-mediated Repression of Gonadotropin-Releasing Hormone (GnRH) Gene Expression and Secretion in GnRH Neurons.” Endocrine Society Annual Meeting, San Diego, CA. (Poster)

Employment and Volunteer Experiences

- 1999 – 2002 Study Group Coordinator, Human Biology Program, University of Toronto.
- 1998 – 2002 Member, Biology as if the World Matters (BAITWORM) Network of scientists and sociologists across Canada.
- 1994 - 1996 Member, National Action Committee on the Status of Women (Canada), New Reproductive Technologies subcommittee.
- 1994 - 1996 Volunteer, Festival Organization Committee, Desh Pardesh. South Asian Arts and Culture Festival (Toronto, Canada)
- 1994 Research Assistant, Centre for Bioethics, University of Toronto.

Mentoring

Master's Thesis Chair:

Michele Polk (M.A. Women's Studies). *Feminist Comix: Saving these Fragile Pieces of History*. This work explores the history of feminist underground comix with special emphasis on the 1970's and the work of Roberta Gregory as examples of feminist activism in comic books. (Completed April 2008)

Lisa Weir (M.A. Women's Studies). *Cyberfeminism and Feminist Web Development*. This project examines topics in cyberfeminism, cyberbodies and strategies for feminist web development. (Completed December 2007)

Denise Goerisch (M.A. Women's Studies). *Fe/Male Subjectivity in Dystopic Films of the 1970s*. This project examined the relationship between feminine and masculine subjectivity in the dystopic science fiction films of the 1970s. (Completed Nov 2006)

Megan Burke (M.A. Women's Studies). *Flesh Becoming, Becoming Fleshy: Feminist Theory, Bodies, and Posthuman Situations*. This project examined the condition of "the body" in feminist theory, particularly the complexities in materializing the body theoretically. (Completed May 2006)

Anna Marsden (M.A. Women's Studies). *Virtual Interaction In Female-only Cyberspaces: Lesbian, Bisexual and Transgendered Identity and Community Online*. An analysis of online communication for lesbian, bisexual and transgendered women who use the internet to communicate with other women. (Completed Aug 2005)

Thomas Brodie Reynolds (M.A. Women's Studies). *Reproductions of Normalcy: Cryobanks and the Meaning of Life*. This thesis explores the constructions of family, gender and masculinity in reproductive technology services. (In Progress)

Monica Bradley (M.A. Women's Studies). *Digital Discourses: Transforming TechnoScience Culture through CyberFeminist Art*. This thesis is an examination of feminist and queer projects at the intersections of biotechnology, art and politics. (In Progress)

Mary Long (M.A. Women's Studies). *Dismantling the pipeline: How horror and science fiction anime can recontextualize science for girls*. This thesis considers the ways in which horror, sci-fi and anime redefine gender, monsters, and the medicalized body and how young women in the sciences may use these shifts to challenge notions of traditional science. (In Progress)

Master's Thesis Committee:

Lena Schmidt (M.A. Women's Studies). *Paper Mache Feminism: A Collection of Suggestions for Socially Conscious, Craft-inclined, Feminist Elementary School Teachers*. (Second Reader; Completed 2008)

Michelle Garvey (M.A. Women's Studies). *Born of Nature: a gendered account of what it means for women, animals and plants to be born in the Third Millennium*. (Second Reader; Completed 2008)

Falayla Frank (M.A. Women's Studies). *Disability Studies and the Politics of Difference*, Written Examination Option (Second Reader; Completed 2008)

Diana Meier (M.A. Epidemiology) *Lack of knowledge about Mother to Child HIV transmission prevention in pregnant woman at Tijuana General Hospital, Baja California, Mexico*. (Third Reader; Completed 2007).

Deepa Karthikeyan (M.A. Communication) *Gender Role Harmony of Consumers as Determinants of Advertising Effectiveness*. (Third Reader; Completed 2006)

Molly Schmelzle (M.A. Geography) *Sporting Bodies: A Gendered Analysis of Embodiment, Empowerment, Equity, and Identity*. (Third Reader; Completed 2005)

Service

2007- present	SDSU Pre-professional Health Evaluation Committee
2006 - present	Reviewer for the medical journal <i>Annals of Internal Medicine</i>
2006 – present	Student Learning Assessment Committee, Women's Studies, SDSU
2006 – 2007	Faculty Advisor, VOX (Voices for Planned Parenthood), SDSU
2003 – present	Faculty Advisor, Andrea O'Donnell Women's Resource Center, SDSU
2003 – present	Faculty Advisor, SDSU Chapter National Organization for Women.
2002 – present	Graduate Admissions Committee, Women's Studies Department, SDSU.
2002 – 2006	SDSU Honor's Program Advisory Committee Member

References

Prof. Karen Barad
Feminist Studies Department

University of California, Santa Cruz
230 Kresge College, 1156 High Street
Santa Cruz, CA 95064
Phone: 831-459-3101
Email: kbarad@ucsc.edu

Prof. Alison Wylie
Department of Philosophy
University of Washington
345 Savery Hall, Box 353350
Seattle WA 98195
Phone: 206-543-5873
Email: aw26@u.washington.edu

Prof. Anne Donadey
Departments of Women's Studies and European Studies
5500 Campanile Drive
San Diego State University
San Diego, CA 92182
Phone: 619-594-0815
Email: adonadey@mail.sdsu.edu