

GETTING ENGAGED WITH GENDER-SENSITIVE SCIENCE



EFFECTIVE GENDER EQUALITY IN RESEARCH AND THE ACADEMIA

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Observatory for Equality

Deboleena Roy is Associate Professor of Women's, Gender and Sexuality Studies and Neuroscience



and Behavioral Biology at Emory University. She received her Ph.D. in reproductive neuroendocrinology and molecular biology in 2001 from the Institute of Medical Science at the University of Toronto. In her doctoral work, she examined the effects of estrogen and melatonin on the gene expression and cell signaling mechanisms in gonadotropin-releasing hormone (GnRH) neurons of the hypothalamus. Her areas of interest include feminist science and technology studies, philosophy of science, critical disability studies, postcolonial studies, sexuality studies, neuroscience, molecular and synthetic biology, and reproductive health and justice movements. Her research and scholarship attempts to make a shift from feminist critiques of science to the creation of feminist practices that can contribute to scientific inquiry in the lab.

She has published her work in journals such as *Hypatia: A Journal of Feminist Philosophy*; *American Journal of Bioethics*; *Neuroethics*; *Australian Feminist Studies*; *Rhizomes: Cultural Studies of Emerging Knowledge*; *Endocrinology*; *Neuroendocrinology*; and the *Journal of Biological Chemistry*. She has contributed chapters to the anthologies *Handbook for Feminist Research: Theory and Praxis* (2011) and *Neurofeminism: Issues at the Intersection of Feminist Theory and Cognitive Science* (2012). Roy was a faculty research fellow at the Clayman Institute for Gender Research at Stanford University from September 2008 - June 2009. While at the institute, she developed a project in feminist neuroethics and is currently working on a manuscript entitled "Mapping Gender, Hormones, and Neurons: Feminist Configurations in the Neurosciences." In 2010, she received a grant from the National Academies Keck Futures Initiative (NAKFI) for her project entitled "Developing a Benchside Ethics and Community-Based Participatory Research Training Program in Synthetic Biology." This interdisciplinary training program brought together graduate students in biology, bioengineering, philosophy and women's studies to discuss the ethical and social implications of synthetic biology research.

Carina S. González, got her PhD (Cum Laude) in Computer Science from the University of La Laguna (ULL), Spain, in 2001. She did her PhD about the developing of an Intelligent Tutoring System (ITS) to support children with Special Educational Needs (SEN). She has a widely experience in e-learning best practices and LMS systems, AI and HCI techniques. She developed expert systems using Bayesian networks, CBR and rule based systems and identification trees. Currently, she is working on model and evaluation of learning communities in virtual environments of CSCL and 3D games. Also she is the manager of international and national research project in the field of ICT applied to SEN and of online masters courses on 3D and videogames. Carina has written widely in the field of computer science applied to the educational field.





Montserrat Serra Vizern received her Degree in Computing Engineering, her Master in Combinatorics and Digital Communication and her PhD in Computer Science from the Autonomous University of Barcelona (UAB).

She has developed researcher work at Technical University of Wroclaw (Poland) in the Computer Science Faculty. She is a full-time teacher at *Universitat Oberta de Catalunya*, where she teaches Computer Architecture, Operating Systems and Professional Ethics. She is a part-time associate professor at *Universitat Autònoma de Barcelona*, where she teaches Operating Systems. Her research interests include engineering ethical issues, learning methodologies and tools for e-learning.

Carmen Sarasúa is Associate Professor of Economic History, accredited as Full Professor by ANECA, at *Universitat Autònoma de Barcelona*. She received a PhD in History (European University Institute, 1996), a Master of Arts in Labor Economics (New School for Social Research, 1988, as a Fulbright scholar), and is Licenciada (5-year degree) in History (*Universidad Complutense*, 1982).

She is Associate Editor of *Feminist Economics*, member of the Editorial Board of *Continuity and Change*, and Former editor of *Historia Agraria*, the journal of the Spanish Association of Agrarian History. Sarasúa is vice-president of the Spanish Association of Economic History (AEHE), member of the Board of Directors of the *International Association of Feminist Economics* (IAFFE) and of the European Graduate School for Training in Economic and Social-historical Research (ESTER), Former member of the Board of Directors of the *Spanish Association of Agrarian History* (SEHA), and Former member of the *Spanish Association of Women's History* (AEIHM).



Laura Coll, got her Degree in Medicine from the *Universitat Autònoma de Barcelona* (2001). From 2001 to 2003 researched about "Quality of care among elderly diabetics in nursing homes and at home care services" from the University Hospital Carl-Gustav-Carus, Technische Universität, in Dresden (Germany). In 2005, she got the Master of Science in the PhD Programm on Public Health from the *Universidad Pública de Navarra*. In 2007, she joined the Ageing Institute of the UAB in Barcelona, where she works as a researcher integrating medical, psychological and social aspects of ageing, carrying out several innovative intervention projects. She also trains professionals and volunteers in aging and takes part in informative activities for the elderly. From 2011, she leads the health research area at the Institute on Ageing at UAB, aimed at preventing age-related disability.

Dolors Comas d'Argemir Cendra, is a social anthropologist, a professor at the *Universitat Rovira i Virgili*. She was a member of the Parliament of Catalonia in the sixth and seventh legislatures and town councilor for Tarragona and a member of the Audiovisual Council of Catalonia. She has worked and published studies on changes in the family, the social situation of women, public welfare policies, economic anthropology, political ecology and the media. Lines of research: Urban Anthropology, Anthropology of Migrations, Gender Anthropology, Communication and Culture. Supplementary research: Media: the audiovisual system, migrants in the media, women in the media.





Diana Marre Cifola, got her PhD in Social and Cultural Anthropology from *Universitat de Barcelona*. She is titular professor of the Department of Social and Cultural Anthropology at *Universitat Autònoma de Barcelona*. From 2006 leads the AFIN research Group (Childhoods and Families) of the *Universitat Autònoma de Barcelona*. She started her academic life as historian of Latin American specializing in gender, family, ethnicity and nation. In her postdoctoral stage, she expanded her fields of research to the reproduction (biological / natural, Homes, surrogacy, adoption), procreation, Childhood and Youth. Her main lines of research are focusing on the exclusion Based on Gender and Ethnicity in Latin America and Spain, in transnational adoption and parenting, excluded Motherhood, Exclusions and Rights in Spain.

Mara Dierssen Sotos got her PhD in Physiology and Pharmacology at *Universidad de Cantabria* (1989). She did Postdoctoral work at the *Universitat Autònoma de Barcelona* (1990-93). In 1993-97, she worked as assistant Professor at the *Universidad de Cantabria*. In 1997-2011, she got a research position at Medical and Molecular Genetics Center-Institut de Recerca Oncològica in Barcelona. Currently, she is the Director of Center of Genomic Regulation of Barcelona.



Mireia Farrús is graduated in Physics and in Linguistics from the *Universitat de Barcelona*. She received her PhD by the *Universitat Politècnica de Catalunya*, where she taught Technoethics, Engineering and Social Responsibility, and Technology and Society. She has held researcher positions in the Office of Learning Technologies at the *Universitat Oberta de Catalunya*, at the German Research Centre for Artificial Intelligence (Germany), *Umeå Universitet* (Sweden) and the National Centre for Biometric Studies at the University of Canberra (Australia). She currently works at the *Universitat Pompeu Fabra*, doing research in the Natural Language Processing group and teaching at the Polytechnic School.

Roser Nadal, is lecturer of the Department of Psychobiology and Health Sciences Methodology and a member of the Institute of Neuroscience. Her research studies the mechanisms through which stress increases the vulnerability of psychopathologies, such as anxiety, addiction, post traumatic stress, depression and impulsiveness, by using animal models. She is especially interested in the individual differences in reactions to stress and the factors involved when resisting their negative effects. She has studied gender differences in vulnerability to stress and the long-term effects of first-time stressful experiences.



Josep Maria Basart got his Degree in Science (Computer Science) from the *Universitat Autònoma de Barcelona* (1984). In 1988, he received a PhD in Computer Science. In 1998, also at UAB, he finished a degree in Philosophy. In 2008, he got his Postgraduate Diploma "Correction and Quality Linguistics" from UAB. From 1990, he works as a lecturer in the area of computer science and artificial intelligence, in the Department of Information and Communications Engineering of the Engineering School, at the *Universitat Autònoma de Barcelona*.

Maria Antònia Huertas, received her Degree and her PhD in Mathematics from the *Universitat de Barcelona* (UB). She got a Degree in Humanities from the *Universitat Oberta de Catalunya* (UOC). The R&D activities of researcher Maria Antonia Huertas focus on knowledge engineering and its application in technology enhanced learning. She is lead researcher of the UOC's CIMANET (Networked Sciences and Mathematics) R&D group. She has also participated in some study projects for women and ICTs. She is currently Professor in Computer Science, Multimedia and Telecommunications at UOC.



José Rodríguez Álvarez is group leader of the Institute of Neuroscience at the *Universitat Autònoma de Barcelona*. He also works for CIBERNED, as a principal investigator of the Center for Biomedical Research Network, Diseases neurodegenerative. In 1991 he worked as a researcher in MRC National Institute for Medical Research, United Kingdom. From 1992 to 1994, he also worked for the French National Centre for Scientific Research in Montpellier (France).



María Pascual is project Manager of the EU funded ERANET project GENDERNET, in the Unit of Women and Science of the Secretariat of State for Research, Development and Innovation, Ministry of Economy and Competitiveness, Spain. She obtained her Bachelor Degree in History of Art from the UAM (Universidad Autónoma de Madrid) with an expert degree in Economic Development and International Aid at the ICEI (Instituto de Estudios Internacionales) Universidad Complutense de Madrid. She has coordinated the Gender Campaign “Muévete por la Igualdad” and has worked in international development projects in West Africa, coordinating women’s rights and community based projects for international and national development NGO’s.