

EDITORIAL

The second issue of INTERthesis this year opens with the Dossier entitled **Gender, science and technology**, organized by Luciana Rosar Klanovicz Fornazari. According to the Organizing Committee, when we think about bringing gender, science and technology together, we form a multi-faceted tripod with directions and issues that reach diverse arenas from politics to academy. In recent decades, researchers have shown a greater interest for this interdisciplinary and multidisciplinary thematic, focusing on gender as cross-category. In 2010, a first attempt to form a group which embraced these issues occurred in Brazil; the Group AfeCT-GEN sought to establish a network that quickly gathered more than 30 people, including researchers and post graduate students. Such a network is temporarily suspended due to technical reasons. However, it prognosticates a deepening of the studies on science in conjunction with gender studies. At an international level, we should stress the importance of the Ibero-American Congress of science, technology and gender, an event that occurs every two years, either in Latin America, or in Spain, which has brought together the major Ibero-American authorities in the subject, in addition to new researchers.

When you look closely at this scenario, we can realize that the linkage is significant, and this dossier aims at expanding dissemination and discussion to other places far beyond the groups, journals and congresses. Thus, the articles published here show, in thought-provoking and interesting texts, the reach of this theme in different countries such as Mexico, Argentina, Spain and Brazil,

The first text of the Dossier, by Silvia García Dauder, Professor of the Department of Psychology at the Universidad Rey Juan Carlos de Madrid, Spain, entitled **Las fronteras del sexo en el deporte: tecnologías, cuerpos sexuados y diferencias**, discusses the production of bodies and their differences within the framework of sports, through the articulation of biomedical and communication technologies.

The second is written by Marília Gomes de Carvalho e Lindamir Saete Casagrande, of the Federal Technological University of Paraná, Brazil. In **Women and Science: achievements and challenges**, the authors discuss some historical achievements and challenges with regard to the production of scientific knowledge by women. In addition, they question the participation of women in science in relation to the possibility of changes in scientific paradigms.

Anabelle Carrilho da Costa and Silvia Cristina Yannoulas, from Universidade de Brasília, sign the article **Building new tunnels: subterfuge of women engineers to shift the boundaries of sexual division of science and technology**. Assuming that the choices of female engineers in the academic and professional world are hampered by the strong tendency to perpetuate sexual division in science and higher education work, the authors seek to unravel the reasons that lead to the naturalization of the separation of courses for men and courses for women, male and female job areas, albeit within the same area of knowledge or professional field.

Silvia Domínguez Gutiérrez (Universidad de Guadalajara, Mexico), in **La imagen de la mujer en el ámbito científico** discusses the possible reasons that cause the women not to think of themselves as scientists, based on research with undergraduate students of Health Sciences (nursing, psychology, nutrition, dentistry, medicine, and physical culture and sports) of the Universidad de Guadalajara.

The last article of the dossier is written by Susana García, of the Museum of la Plata (Universidad Nacional de La Plata, Argentina). In **Mujeres, Ciências Naturales y Empleo Acadêmico en la Argentina (1900-1940)**, the author examines the female insertion in the academic labor market in Argentina, showing the case of Museo de la Plata, embedded in the Universidad Nacional de La Plata. Susana García presents the debates on women's work, the emergence of Argentine feminist movement of the early 19th century, and the first female students who entered the University in several academic careers.

We hope that these articles provide different looks at gender studies and place the links with science as an interesting and dynamic possibility for new research.

Next, INTERthesis opens other channels for the dissemination of knowledge. This new channel presents, initially, the text of a conference held at the XXVI National Symposium of ANPUH – National Association of History which celebrated its 50 years of existence. The Conference of Suely Gomes Costa, **Tell me what genre is**, based on the

text of Marie-Victoire Louis, researcher of the French Centre National de Recherche Scientifique (CNRS) extends it to question the meaning of gender and reflect on the reasons for denial of that concept.

Still under this new perspective, we present the interview conducted by Alessandro Zir with the Portuguese intellectual Maria Estela Guedes. Under the title **Maria Estela Guedes and the hybrids of investigation**, the interviewed speaks about her work as a writer, her most recent book on Helberto Helder, released in Brazil, and the interdisciplinary investigations undertaken by herself and other researchers at the National Museum of Natural History (Lisbon).

The following section, the Articles Section, publishes ten contributions covering three academic research fields, namely: Gender Studies, Human Condition in Modernity and Society and Environment.

Starting with the articles of the genre area, which reinforce the texts published in the Dossier of this issue, Maria Fatima Scaffo and Francisco Ramos Farias analyze in **The transmission of gender protocols as female submission device to conjugal violence** the way in which women, historically, in the familiar scenario, submit to conjugal violence. To do that, the authors adopt as an object of study and analysis the typical mode of violence filed against women in the context of the gears that configure the encounter between a man and a woman.

Then, Nilton Manoel Lacerda Adam, Valmir Luiz Stropasolas and Maria José Hötzel, in the article **Peasant women's movement and the sowing of new perspectives: the meanings of (re) production of creole seeds for women in the west of Santa Catarina**, deal with the reasons which motivate organized women in the Peasant women's movement to seek the cultivation of creole seeds for food production.

In the article **Michèle Roberts's heroines and the act of writing consciously**, María Soraya García-Sánchez describes the evolution of contemporary fiction of the Anglo-French writer Michèle Roberts, comparing her novels to one of her latest books.

In the area of Human Condition in Modernity there is discussion on aspects of art, psychoanalysis, psychology, medicine and history. We started with **Aesthetics and Psychoanalysis: a criticism of modernity** by Cristina Aparecida Tannure Cavalcanti and Maria Cristina Candal Poli, whose proposal is to cover some fundamentals of the study of

aesthetics, developed at the heart of modernity as an academic discipline and as a theoretical basis of art criticism.

Next, Daniele Ferrazza de Andrade and Luiz Carlos da Rocha, in the **Contemporary childhood psycho-pathologization : a study on the expansion of the diagnosis of "attention deficit disorder and hyperactivity"** start their approach beginning with the expansion of psychiatric labeling and go to problems related to childhood caught by speeches and practices of the medical psychiatric knowledge and transformed into psychopathologies, which tend to be treated with the main feature offered by Psychiatry today.

The article by José D'Assunção Barros, **History and knowledge psi – interdisciplinary considerations**, seeks to examine the relationship between history and interdisciplinary knowledge Psi, paralleling the History of Mentalities, the Story of the imaginary and other historiographical methods which interact with Psychology.

Finally, we have articles that fall in the area of Society and Environment. In **A forest of traces: social metabolism and activity of coal miners in the 19th and 20th centuries in Rio de Janeiro, RJ**, Rogério Ribeiro de Oliveira, Joan Stingel Fraga and Dean Eric Berck present research and survey held in the massif of Pedra Branca, in the West zone of Rio de Janeiro, where, despite being lined by forests, there are traces of foundations of houses and ancient coal mines inside, besides changes in the structure and functioning of the ecosystem. So, the article discusses the process of social metabolism, which interlinks, in landscape, the city to the forest.

In the eighth article of this issue, Paulo Pereira Martins Júnior and Vitor Vieira Vasconcelos in **The teleology and randomness in the study of natural sciences: systems, ontology and evolution**, approach the teleological problematic which has never been absent in the history of human thought, with a special focus on the intercourse related to the development of scientific theories pertaining to the study of nature.

In **Risk, environment and society: the case of cooperative ecological production and global management of biodiversity and of traditional knowledge**, Guilherme Francisco Waterloo Radomsky and Ondina Fachel Leal explore the theme of risk from an analysis on biodiversity and traditional knowledge in case of ecological farmers connected to Ecovida - the Agro ecology network – composed of farmers, consumers and social mediators in southern Brazil. The goal is to show that biodiversity in

agriculture and knowledge related to crops suffer problems identified with a double "erosion": the decline and the susceptibility of agricultural varieties available to be grown and the bottleneck of knowledge.

Finalizing the section, with the article **Clean City: study on the presence and visual pollution generated by outdoor media in Cuiabá-MT**, Paula Apolinario Zagui and Marco Escobar analyze and discuss the activity of outdoor media in the city of Cuiabá-MT, with ownership of the public spaces, the use without rules of private spaces that are visible to the public and its effects on urban landscape of the capital; at the same time, they analyze the new law regulating the outdoor media and the main differences in relation to the old law, which also sought to curb the visual pollution.

This issue brings, finally, the Reviews section with the presentation of three books: Wagner Xavier Camargo reviews **Genre and Sport: masculinities and femininities** by Jorge Dorfman Knijnik (org.), Dora Fonseca presents the recent Portuguese work by Elísio Estanque and Hermes Costa (Orgs.), **the Portuguese trade unionism and the new Social question: Renewal or Crisis?**, and, finally, Livia Lopes Neves reviews **Giving the soul: a history of infanticide**, by Adriano Prospero.

We hope we have contributed once again to the discussion of various themes and objects of study, always toward the supradisciplinary. Enjoy your reading!

Selvino J. Assmann e Silmara Cimbalista
Editors

