Towards a better understanding of mental disorder: exploring the common space between neurobiology and phenomenology

September 3 to 5, 2024

Fellowships until April 26 www.uimp.es



CINET Centro Internacional de Neurociencia y Ética



Mental disorder is one of the critical challenges of current medicine, especially after the COVID-19 pandemic.

Clinically treated by psychologists and psychiatrists and investigated by neuroscientists and philosophers, there is no agreement on either considering it as the product of brain malfunctioning or a global affectation of the person. Which one of these points of view is more adequate? Is mental illness a brain disorder or a pathology affecting the human being as a whole?

This seminar course has four main goals: 1) Describe brain alterations in schizophrenia, dementia and addiction; 2) From an embodied-cognition perspective, explain these disorders as impairments of the person and their relationship with the environment; 3) Find the shared space where both views can contribute to a better understanding of mental illness; 4) Discuss the ethical issues arising from these viewpoints. The program will be implemented as a 3-day course. It will start on Tuesday, September 3, with a general framework of the problem, including world-leading experts on the topic and a discussion on schizophrenia. We will discuss dementia on Wednesday and addiction on Thursday. In both cases, the first session will deal with the neurobiological bases of the disorder, and the second will account for the phenomenological or philosophical aspects; in the afternoon, we will discuss the shared space of both perspectives in a round table.

The target studentship includes clinicians (psychiatrists, psychologists and general practitioners), graduate and undergraduate students, researchers in any stage of their careers and professionals interested in the neurobiological and philosophical aspects of mental illness, including those in biomedicine, psychology, humanities and social sciences.

UNIVERSIDAD INTERNACIONAL MENÉNDEZ PELAYO (UIMP), PALACIO DE LA MAGDALENA (SANTANDER, SPAIN)



Javier BERNÁCER MARÍA

Javier Bernacer is the Scientific Director of the International Center of Neuroscience and Ethics (CINET) and research fellow in the Mind-Brain Group (Institute for Culture and Society, University of Navarra)



Miguel Ángel GARCÍA CABEZAS

Miguel Ángel García-Cabezas is a professor in the Department of Anatomy, Histology, and Neuroscience at the Autonomous University of Madrid



9:30h — Presentation of the course by academic authorities

10:00h — Opening Lecture: Why does mental illness exist? Reflections on human vulnerability

Thomas FUCHS, University of Heidelberg

11:15h — Round Table: The need for a shared space to understand mental illness

Marya SCHECHTMAN, University of Illinois in Chicago Scott KELSO, Florida Atlantic University / University of Ulster Georg NORTHOFF, University of Ottawa

14:30h — Neurobiological bases of schizophrenia

Guillermo HORGA, Columbia University

16:15h ____ Phenomenology of schizophrenia

Shaun GALLAGHER, University of Memphis

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10:00h — Neurobiological bases of dementia Jorge SEPULCRE, Yale University

12:00h — Phenomenology of dementia Christian TEWES, Alanus University of Arts and Social Sciences

15:30h — Dialogues on dementia SEPULCRE > TEWES

Moderator: Miguel Á. GARCIA-CABEZAS, Universidad Autónoma de Madrid

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10:00h

Neurobiological bases of addiction

Ana ESTÉVEZ, *Universidad de Deusto*

12:00h
—— Phenomenology of addiction

Julian KIVERSTEIN, University of Amsterdam

15:30h ____ Round table: Dialogues on addiction

Ana ESTÉVEZ, *Universidad de Deusto*Julian KIVERSTEIN, University of Amsterdam

M. Á. SÁNCHEZ GONZÁLEZ, Servicio Murciano de Salud

Moderator: Javier Bernácer, Centro Internacional de Neurociencia y Ética (CINET)

