School: Baruch Ivcher School of Psychology

The Neurobiology of Attachment; Healthy and Pathological Processes

Lecturer:
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Course No.: 8989  Course Type: Seminar  Weekly Hours: 4  Credit: 4

Course Requirements: Final Paper  Group Code: 220898900  Language: English

Prerequisites

Prerequisite:
8000 - Introduction To Psychology
8014 - Research and Measurement Methods
8910 - Introduction To Statistics A
8911 - Introduction To Statistics B
8924 - Multivariate Statistics A
8925 - Multivariate Statistics B
The Neurobiology of Human Attachment in Health and Psychopathology

The course will enable active involvement in research focusing on the neurobiological basis of human attachment. We will discuss the hormonal systems that underpin human affiliations: between parents and children, among spouses, and between close friends, particularly the oxytocin system. We will also address the brain networks that support attachment and the behavioral components that contribute to human attachment. The course will involve both formal lectures and hands-on participation in research on attachment in healthy populations and under conditions when bonding fails, such as maternal postpartum depression and parenting under high stress.

Course Goals

Gaining research experience, introduction to the basic principles of neurobiology.

Grading

30% Attendance
70% Seminar project

Learning Outcomes

Participating in research, understanding the principles of neuroscience.
Reading List