

Neuroscience of Psychoanalysis: New Advances in the Study of the Dynamic Unconscious

Presenter: Paul E. Rapp, Ph.D.

Location: Live Video Conference

Tuesdays: 7:00-8:00 pm

Meeting Dates: October 6, 13, 20, 27, November 3, 10

CE's: 6

Cost: \$180 PSP matriculated student/ \$225 non-matriculated student

Description

The lectures will begin by reviewing the distinction between the physiological, cognitive, and psychodynamic unconscious. This will be followed by a focus on psychophysiological investigations of unconscious processes. The technological advances described will include electroencephalography, event related potentials, and magnetoencephalography. Psychophysiological measures of psychological resilience will be described. The lecture series will conclude with a review of psychophysiological results that seemingly challenge our conventional understanding of free will.

Course Objectives

1. Students will become familiar with the distinction between the physiological, cognitive, social, and psychodynamic unconscious.
2. Students will be introduced to core psychophysiological data acquisition technologies used in psychoanalytic research with an emphasis on cognitive event related potentials.
3. Psychophysiological measures of psychological resilience will be described
4. Psychophysiological and psychoanalytical contributions to the ongoing free will debate will be presented.

About the Facilitator:

Paul Rapp attended the University of Illinois as a James Scholar. He received a Bachelors degree in Physiology (minor in Chemistry) and a second Bachelors degree in Engineering Physics. He then attended Cambridge University as a Churchill Scholar and received his Ph.D. in the Department of Applied Mathematics and Theoretical Physics. At present, Professor Rapp is a Professor of Military and Emergency Medicine at the Uniformed Services University US Department of Defense) and Director of the Traumatic Injury Research Program. He also holds a secondary appointment as a Professor of Medical and Clinical Psychology. Previously he was a Professor of Pharmacology and Physiology at Drexel University College of Medicine and Director of Research at the Noyes Clinical Research Center at Norristown State Psychiatric Hospital.

Professor Rapp was a Candidate at the Philadelphia School of Psychoanalysis and practiced under supervision at the Philadelphia Consultation Center.