

UNIVERSIDADE PRESBITERIANA MACKENZIE



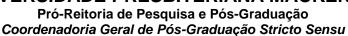
Pró-Reitoria de Pesquisa e Pós-Graduação Coordenadoria Geral de Pós-Graduação Stricto Sensu

SYLLABUS

University Unit: Center for Biological and Health Sciences
Graduate Program: Developmental Disorders
Degree: □ Professional Master degree □ Doctoral degree □ Doctoral degree □ Doctoral degree □ Doctoral degree □ Doctoral degree □ Doctoral degree □ Doctoral degree □ Doctoral de
Subjects Social and Affective Neuroscience
Professor Paulo Sérgio Boggio
Observation
Workload: Credits: ☐ Required 48 h/a Optative ☐ Elective
Syllabus:
of recent advances in neuroscience including information from neuroimaging studies, electroencephalography, noninvasive brain stimulation among others. The main topics are i. motor neural resonance during motor execution, observation and imagery, ii. neural substrates of social cognition, iii. neural networks of language, iv. Empathy (automatic and mimicry responses, perception of self and the other, perception and response to the feeling and suffering of others), v. social neuroscience of the stereotype and prejudice. For all topics, we will discuss the advances in this field for both the typical and atypical development.
Program Content:
Introduction to Social and Affective Neuroscience Motor Resonance Neuron-Mirror System Multisensory Integration Cortical-subcortical integration in social and emotional regulation Neural networks in the processing of language - prosody, recognition of emotions and language in context Empathy - from mimicry to responses to the suffering of others Neural basis of social pain Neural basis of Stereotype and Prejudice
Evaluation Criteria
Evaluation: According to the General Regulation of Stricto Sensu Post-Graduation, Art. 98: A - excellent: corresponds to scores in the interval between 9 and 10; B - good: corresponds to scores in the interval between 8 and 8.9; C - regular: corresponds to scores in the interval between 7 and 7.9; R - reproved: corresponds to scores in the interval between 0 and 6.9.



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References

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Cacioppo, J.T., Tassinary, L.G., & Berntson, G. (2007). Handbook of Psychophysiology. Cambridge: Cambridge University Press.

Decety, J., & Cacioppo, J.T. (2011), The Oxford Handbook of Social Neuroscience. Oxford: Oxford Library of Psychology.

Decety, J., & Ickes, W. (2009), The Social Neuroscience of Empathy. Cambridge: The MIT Press.

Handy, T. C. (2004). Event-Related Potentials A Methods Handbook. Cambridge: The MIT Press.

Senior, C., Russell, T., & Gazzaniga, M. S. (2006). Methods in Mind. Cambridge: The MIT Press.