

**Invitación al Seminario Internacional: *"Stress impairs introspection for perceptual decision"*, el cual será dictado por el Dr. Jérôme Sackur (EHESS/CNRS/ENS - Francia), el día Jueves 21 de Enero a las 17:30 en la Universidad del Desarrollo (Santiago). Centro de Apego y Regulación Emocional (CARE)**



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*Stress impairs introspection for perceptual decision*

Metacognition is known to differ across individuals, and this has been linked to anatomical differences in the prefrontal cortex. Here, we looked for psychological predictors of inter-individual variability in introspection due to stress. Based on previous research showing that stress impacts working memory, and leads to less flexible learning, we predicted that higher stress responses would be associated with poorer metacognitive sensitivity. In two experiments, we thus engaged participants in elementary cognitive tasks, and collected metacognitive judgments on a trial-by-trial basis. Peak cortisol levels in response to the Trier Social Stress Test were measured beforehand, so as to assess participants' stress sensitivity. We show that stress sensitivity had no impact on first order decisions, but that it consistently reduced metacognitive sensitivity (second order decisions). These results are consistent with the view that stress depletes higher order executive resources that are implicated in the control and monitoring of cognitive functions.

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Favor confirmar asistencia (sin costo) con Paula Muñoz Yapor al [\(+56-2\) 2327 9110](tel:+56223279110).