

Nome da disciplina		
Workshop on Attention, Attentional Training and Autism		
Número de créditos: 1	Carga horária: 12h/a	Obrigatória/Eletiva: Eletiva
Ementa:		
<p>The workshop will combine theoretical and practical aspects of visual attention and its role in Autism Spectrum Disorders (ASD). More specifically it will highlight the multifaceted nature of attention processes; how these processes might contribute to Autistic behaviour and how training attention processes may serve as a valid intervention approach in ASD. Following the workshop students will be familiar with the various attention functions, how they are measured, and how they contribute to daily life as well as academic performance. They will also understand some of the brain mechanisms that are critical for attention functions. Furthermore, student will be familiar with the Computerised Progressive Attention Training (CPAT) program. They will be proficient in applying the program and will be familiar with its possible outcomes in the context of neurodevelopmental disorders such as ASD. The workshop will be delivered in English</p>		
Bibliografia:		
<p>Bibliografia Básica:</p> <p>Tsal, Y., Shalev, L., & Mevorach, C. (2005). The diversity of attention deficits in ADHD the prevalence of cognitive factors in ADHD versus controls. <i>Journal of learning disabilities</i>, 38(2), 142-157.</p> <p>Stevens, C., & Bavelier, D. (2012). The role of selective attention on academic foundations: a cognitive neuroscience perspective. <i>Developmental cognitive neuroscience</i>, 2, S30-S48.</p> <p>Keehn, B., Müller, R. A., & Townsend, J. (2013). Atypical attentional networks and the emergence of autism. <i>Neuroscience & Biobehavioral Reviews</i>, 37(2), 164-183.</p> <p>Spaniol, M.M., Shalev, L., Kosyvak, L. & Mevorach, C. (2018). Attention Training in Autism as a Potential Approach to Improving Academic Performance: A School-Based Pilot Study. <i>Journal of Autism and Developmental Disorders</i>. 48(2), 592–610..</p> <p>Bibliografia Complementar:</p> <p>Chien, Y. L., Gau, S. S. F., Chiu, Y. N., Tsai, W. C., Shang, C. Y., & Wu, Y. Y. (2014). Impaired sustained attention, focused attention, and vigilance in youths with autistic disorder and Asperger's disorder. <i>Research in Autism Spectrum Disorders</i>, 8(7), 881-889</p> <p>Vivanti, G., Fanning, P.A.J., Hocking, D.R., Sievers, S., Dissanayake, C. (2017). Social attention, joint attention and sustained attention in autism spectrum disorder and williams syndrome: Convergences and divergences. <i>Journal of Autism and Developmental Disorders</i>. Volume 47, Issue 6, 1 Pages 1866-1877</p>		