

Psicología Biológica

Exposición *Avances de la Psicología en 50 Años de la UAM*



Selección de obras relevantes en los últimos 50 años en distintos ámbitos de la Psicología Biológica: Modelos teóricos de Neurociencia cognitiva, Bases cerebrales de los procesos cognitivos y sensoriales, Plasticidad cerebral.

- Annese, J., Schenker-Ahmed, N. M., Bartsch, H., Maechler, P., Sheh, C., Thomas, N., . . . Corkin, S. (2014). Postmortem examination of patient H.M.'s brain based on histological sectioning and digital 3D reconstruction. *Nature communications*, 5:3122
- Augustinack, J. C., Van der Kouwe, A. J. W., Salat, D. H., Benner, T., Stevens, A. A., Annese, J., . . . Corkin, S. (2014). H.M.'s contributions to neuroscience: A review and autopsy studies. *Hippocampus*, 24(11), 1267-1286. 10.1002/hipo.22354 Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/hipo.22354/abstract>
- Bliss, T. V. P., & Lømo, T. (1973). Long-lasting potentiation of synaptic transmission in the dentate area of the anaesthetized rabbit following stimulation of the perforant path. *The Journal of Physiology*, 232(2), 331-356. 10.1113/jphysiol.1973.sp010273 Retrieved from <http://jp.physoc.org/content/232/2/331.abstract>
- Braak, H., & Braak, E. (1991). Neuropathological staging of alzheimer-related changes. *Acta Neuropathologica*, 82(4), 239-259. 10.1007/BF00308809 Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/1759558>
- Corbetta, M., & Shulman, G. L. (2002). Control of goal-directed and stimulus-driven attention in the brain. *Nature Reviews Neuroscience*, 3(3), 201-215. 10.1038/nrn755 Retrieved from <http://dx.doi.org/10.1038/nrn755>
- Dronkers, N. F., Plaisant, O., Iba-Zizen, M. T., & Cabanis, E. A. (2007). Paul broca's historic cases: High resolution MR imaging of the brains of Leborgne and Lelong. *Brain : A Journal of Neurology*, 130(5), 1432-1441. 10.1093/brain/awm042 Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/17405763>
- Elbert, T., Pantev, C., Wienbruch, C., Rockstroh, B., & Taub, E. (1995). Increased cortical representation of the fingers of the left hand in string players. *Science*, 270(5234), 305-307. 10.1126/science.270.5234.305 Retrieved from <http://www.sciencemag.org/content/270/5234/305.abstract>
- Eriksson, P. S., Perfilieva, E., Bjrk-Eriksson, T., Alborn, A., Nordborg, C., Peterson, D. A., & Gage, F. H. (1998). Neurogenesis in the adult human hippocampus. *Nature Medicine*, 4(11), 1313-1317.
- Friston, K. J., Holmes, A. P., Poline, J., Grasby, P. J., Williams, S. C. R., Frackowiak, R. S. J., & Turner, R. (1995). Analysis of fMRI time-series revisited. *Neuroimage*, 2(1), 45-53. 10.1006/nimg.1995.1007 Retrieved from <http://www.sciencedirect.com/science/article/pii/S1053811985710075>

- Fuster, J. M., & Alexander, G. E. (1971). Neuron activity related to short-term memory. *Science*, 173(3997), 652-654. 10.1126/science.173.3997.652 Retrieved from <http://www.sciencemag.org/cgi/content/abstract/173/3997/652>
- Goodale, M. A., & Milner, A. D. (1992). Separate visual pathways for perception and action. *Trends in Neurosciences*, 15(1), 20-25. 10.1016/0166-2236(92)90344-8 Retrieved from <http://www.sciencedirect.com/science/article/pii/0166223692903448>
- Kandel, E. R. (2001). The molecular biology of memory storage: A dialogue between genes and synapses. *Science*, 294(5544), 1030-1038. 10.1126/science.1067020 Retrieved from <http://www.jneurosci.org/content/17/11/4302>
- Kanwisher, N., McDermott, J., & Chun, M. M. (1997). The fusiform face area: A module in human extrastriate cortex specialized for face perception. *Journal of Neuroscience*, 17(11), 4302. Retrieved from <http://www.jneurosci.org/content/17/11/4302>
- LeDoux, J. E. (2000). Emotion circuits in the brain. *Annual Review of Neuroscience*, 23(1), 155-184. 10.1146/annurev.neuro.23.1.155 Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/10845062>
- Maguire, E. A., Gadian, D. G., Johnsrude, I. S., Good, C. D., Ashburner, J., Frackowiak, R. S. J., & Frith, C. D. (2000). Navigation-related structural change in the hippocampi of taxi drivers. *Proceedings of the National Academy of Sciences of the United States of America*, 97(8), 4398-4403. 10.1073/pnas.070039597 Retrieved from <http://www.jstor.org/stable/122166>
- Miller, E. K., & Cohen, J. D. (2001). An integrative theory of prefrontal cortex function. *Annual Review of Neuroscience*, 24(1), 167-202. 10.1146/annurev.neuro.24.1.167 Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11283309>
- Milner, B. (2005). The medial temporal-lobe amnesic syndrome. *Psychiatric Clinics of North America*, 28(3), 599-611. 10.1016/j.psc.2005.06.002 Retrieved from <http://www.sciencedirect.com/science/article/pii/S0193953X05000560>
- Pascual-Leone, A., Amedi, A., Fregni, F., & Merabet, L. B. (2005). The plastic human brain cortex. *Annual Review of Neuroscience*, 28(1), 377-401. 10.1146/annurev.neuro.27.070203.144216 Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/16022601>
- Raichle, M. E., MacLeod, A. M., Snyder, A. Z., Powers, W. J., Gusnard, D. A., & Shulman, G. L. (2001). A default mode of brain function. *Proceedings of the National Academy of Sciences of the United States of America*, 98(2), 676-682. 10.1073/pnas.98.2.676 Retrieved from <http://www.jstor.org/stable/3054743>
- Rizzolatti, G., & Craighero, L. (2004). The mirror-neuron system. *Annual Review of Neuroscience*, 27(1), 169-192. 10.1146/annurev.neuro.27.070203.144230 Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/15217330>

Ungerleider, L. G., & Mishkin, M. (1982). Two cortical visual systems.
. In D. J. Ingle, M. A. Goodale & R. J. W. Mansfield (Eds.), *Analysis of visual behavior* (). Cambridge, Mass.: MIT Press.

Ungerleider, L. G., & Haxby, J. V. (1994). 'What' and 'where' in the human brain. *Current Opinion in Neurobiology*, 4(2), 157-165. 10.1016/0959-4388(94)90066-3 Retrieved from <http://www.sciencedirect.com/science/article/pii/0959438894900663>