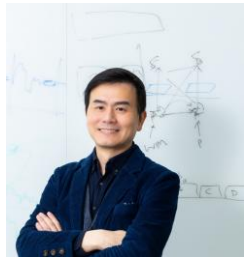


# Curriculum Vitae

Personal Information	
Title	Prof
Name	Hakwan LAU
Degree	D.Phil
Country	Korea (current residency) / Hong Kong (birthplace)
Affiliation	Center for Neuroscience Imaging Research
	
Educational Background	
<ul style="list-style-type: none"> <li>● D.Phil in Experimental Psychology (2001–2005) University of Oxford, Thesis title: Brain Mechanisms of Spontaneous Actions (Supervisors: RE Passingham, RD Rogers)</li> <li>● Bachelor of Cognitive Science (1998 – 2001; 1<sup>st</sup> class honors) University of Hong Kong, Thesis title: The Problem of Division of Phenomenal Labour (Supervisor: JYF Lau, Department of Philosophy)</li> </ul>	
Professional Career	
<ul style="list-style-type: none"> <li>● Co-Director (Sept 2024 - now), Center for Neuroscience Imaging Research, Institute for Basic Science, South Korea</li> <li>● Professor (Sept 2024 - now), Department of Biomedical Engineering, Sungkyunkwan University, South Korea</li> <li>● Team Leader (2021 July - 2024 Aug), RIKEN Center for Brain Science, Japan</li> <li>● Professor (2018 summer -2021 summer) Department of Psychology (Cognitive &amp; Behavioral Neuroscience) &amp; Brain Research Institute, UCLA</li> <li>● Professor (2018 fall - 2020 summer) Department of Psychology, University of Hong Kong (fixed-term position taken up while on Leave from UCLA)</li> <li>● Principal Investigator (2018 April - 2020 summer), State Key Laboratory of Brain and Cognitive Sciences, University of Hong Kong</li> <li>● Associate Professor (2017 fall -2018 summer) Department of Psychology, University of Hong Kong (fixed-term position taken up while on Leave from UCLA)</li> <li>● Associate Professor (2014 summer - 2018 summer) Department of Psychology (Cognitive &amp; Behavioral Neuroscience) &amp; Brain Research Institute, UCLA</li> <li>● Associate Professor (2012-2014) Department of Psychology, Columbia University (NYC)</li> <li>● Research Fellow (External Principal Investigator) (2010 onwards) Donders Institute for Brain Cognition and Behaviour, Radboud University Nijmegen, Netherlands</li> <li>● Assistant Professor (2007 fall - 2012 summer) Department of Psychology, Columbia University (NYC)</li> <li>● Visiting Fellow (2007 Mar-Aug), Unit 610, Hospital Salpetriere, Paris</li> <li>● Post-Doctoral Research Fellow (2004–2007) Wellcome Trust Centre for Neuroimaging, London (Supervisor: RE Passingham)</li> </ul>	
Research Field	
Cognitive Neuroscience	
Main Scientific Publications	

Webb, T. W., Miyoshi, K., So, T. Y., Rajananda, S., & Lau, H. (2023). Natural statistics support a rational account of confidence biases. *Nature Communications*, 14(1), 3992.

Taschereau-Dumouchel, V., Kawato, M., & Lau, H. (2020). Multivoxel pattern analysis reveals dissociations between subjective fear and its physiological correlates. *Molecular Psychiatry*, 25(10), 2342-2354.

Crapse, T. B., Lau, H., & Basso, M. A. (2018). A role for the superior colliculus in decision criteria. *Neuron*, 97(1), 181-194.e6.

Taschereau-Dumouchel, V., Cortese, A., Chiba, T., Knotts, J. D., Kawato, M., et al. (2018). Towards an unconscious neural reinforcement intervention for common fears. *Proceedings of the National Academy of Sciences*, 115(13), 3470-3475.

Dehaene, S., Lau, H., & Kouider, S. (2017). What is consciousness, and could machines have it? *Science*, 358(6362), 486-492.

Peters, M. A. K., Thesen, T., Ko, Y. D., Maniscalco, B., Carlson, C., Davidson, M., et al. (2017). Perceptual confidence neglects decision-incongruent evidence in the brain. *Nature Human Behaviour*, 1(7), 0139.

Cortese, A., Amano, K., Koizumi, A., Kawato, M., & Lau, H. (2016). Multivoxel neurofeedback selectively modulates confidence without changing perceptual performance. *Nature Communications*, 7(1), 13669.

Rahnev, D., Maniscalco, B., Graves, T., Huang, E., De Lange, F. P., & Lau, H. (2011). Attention induces conservative subjective biases in visual perception. *Nature Neuroscience*, 14(12), 1513-1515.

Lau, H. C., & Passingham, R. E. (2006). Relative blindsight in normal observers and the neural correlate of visual consciousness. *Proceedings of the National Academy of Sciences*, 103(49), 18763-18768.

Lau, H. C., Rogers, R. D., Haggard, P., & Passingham, R. E. (2004). Attention to intention. *Science*, 303(5661), 1208-1210.