

GENEVIEVE ALBOUY

Associate Professor

Sleep and Motor Memory Lab
Department of Health and Kinesiology
College of Health
University of Utah
250 S 1850 E
Salt Lake City, Utah 84112 - USA
Email: genevieve.albouy@health.utah.edu

Guest Professor

Movement Control and Neuroplasticity Research Group
Department of Movement Sciences
Faculty of Movement and Rehabilitation Sciences
KU Leuven
Tervuurse Vest 101
3001 Leuven - BELGIUM
Email: genevieve.albouy@kuleuven.be

[Lab website](#) | [ORCID profile](#) | [ResearcherID](#) | [Google scholar profile](#)

BIOSKETCH

I started my research career at the University of Liège (Belgium) where I performed my doctoral studies under the direction of Dr. P. Maquet (2004-2008) and conducted neuroimaging studies examining the influence of sleep on motor memory consolidation. I subsequently completed my postdoctoral research at the University of Montreal (Canada) in the lab of Dr. J. Doyon (2009-2014) where I specifically investigated the functional roles of the hippocampus and the striatum in these processes. In January 2015, I was awarded a tenure track position in the Movement Science Department at KU Leuven (Belgium), where I worked as an Assistant Professor in the Movement Control & Neuroplasticity Research Group (2015-2020). Since January 2021, I am Guest Professor at the KU Leuven and Associate Professor in the Department of Health and Kinesiology at the University of Utah (USA). I am the leader of the Sleep and Motor Memory Lab that currently includes 6 Master students, 3 PhD students and 4 postdocs. My research focuses on the development of procedures to optimize motor behavior in healthy populations. Specifically, I employ cutting-edge multimodal research approaches, including magnetic resonance imaging (MRI) and electroencephalography (EEG), in order to examine how the neurophysiological mechanisms supporting memory consolidation can be modulated in order to optimize motor behavior. My research has resulted in the publication of 71 articles in international peer-reviewed journals including papers as first, second or last author in *Neuron*, *PLoS Biology*, *PNAS*, *Cerebral Cortex*, *Journal of Neuroscience* and *NeuroImage*. I have also published 4 book chapters. Based on Google scholar (March 2021), the number of my current citations is 6705, my h-index is 40 and my i10-index is 56. Other achievements are numerous fellowships (5) and travel awards (8) to present my work in national and international conferences (40 oral presentations) and awards for the quality of my research projects (5). In 2010, I won the “Young Scientist Award” at the European Sleep Research Society. Since I started my group, I was awarded, as PI, university internal funds (215’000€; 100’000\$) and external research funds (Research Project 2015: 602’000€; Research Grant 2017: 40’000€; Bilateral Agreement Quebec/Flanders 2017: 224’000€ + \$298’900CAN; Research Project 2018: 469’080€) to develop my research program (total amount awarded as PI > 1.5 million euros). I am also co-PI on 7 national and international research grants (total amount: 6 million euros).