

Part A. PERSONAL INFORMATION

CV date

20/07/2021

First and Family name	Javier Pacios García		
Social Security, Passport, ID number		Age	
Researcher codes	WoS Researcher ID (*)	J-9929-2017	
	SCOPUS Author ID(*)		
	Open Researcher and Contributor ID (ORCID) **	0000-0003-0006-6184	

(*) At least one of these is mandatory (**) Mandatory

A.1. Current position

Name of University/Institution	Universidad Complutense de Madrid		
Department	Department of Experimental Psychology		
Address and Country	Campus De Somosaguas. 28223 Pozuelo de Alarcón (Madrid)		
Phone number		E-mail	javier.pacios@ucm.es
Current position	Profesor Ayudante Doctor	From	December 2018
Key words	Experimental Psychology, Memory, Neuroscience, Magnetoencephalography		

A.2. Education

PhD Psychology (Neuroscience)	Universidad Complutense de Madrid	2014
MSc Clinical Neuropsychology	Instituto Superior Estudios Psicológicos (ISEP)	2009
BSc Psychology	Universidad Complutense de Madrid	2007

A.3. JCR articles, h Index, thesis supervised...

JCR articles: 16

Total number of Q1 publications: 6

Total number of Q1 and Q2 publications: 13

h Index: Google Scholar - 7; Web of Science - 5

Thesis supervised: 1

Cites total: Google Scholar - 114; Web of Science - 57

Part B. CV SUMMARY (max. 3500 characters, including spaces)

My scientific career began in January 2008, when I joined the MEG Center, at the Complutense University of Madrid, as research assistant. My roles there consisted on scanning psychiatric/neurological patients and healthy control people for both clinical and research purposes, as well as preprocessing MEG-EEG data. During that time I was trained in experimental psychology and both clinical and cognitive neuroscience. As a result, I published 3 international articles, one of them as first author.

In January 2010 I was awarded with a PhD scholarship from the Spanish Ministry of Science and Innovation and I joined the Laboratory of Cognitive and Computational Neuroscience at the Center for Biomedical Technology (UCM-UPM), under direction of Dr. Fernando Maestú, to study the cognitive and brain mechanisms that underlie the executive control of working memory. In 2011 I did my first research visit at the most prestigious Memory Control Laboratory, at the MRC-Cognition and Brain Sciences Unit in Cambridge (UK), under direction of Prof. Michael Anderson, where I was trained in the study of motivated forgetting. In 2014 I obtained my Doctoral Degree, European Mention and Extraordinary Award. During my postdoctoral period I keep working on the field of memory control, doing my second research visit at Prof. Michael Anderson's Lab, currently part of the University of Cambridge. During my

stay I worked on implementing a motivated forgetting task to MEG studies and acquired data which is now in the process for publication.

Recently, I have been granted a research project by the Spanish Ministry of Science and Innovation in the last call "Proyectos I+D+I 2020", as Principal Investigator. I have also participated in two projects from the Spanish Ministry of Economy and Competitiveness (PI Fernando Maestú) and in three more projects from the Vice-Chancellor's Office for Research-Camilo José Cela University, as Principal Investigator.

In parallel, I have developed my teaching activity at the Camilo José Cela University, both in Bachelor (Psychology) and Master's (Neuropsychology) programs, where I also supervised 10 undergraduate and 20 master's thesis, many of them presented in national and international conferences (two of them awarded as best oral presentation). In addition, I have served as PhD supervisor for one student who graduated this year with 5 scientific studies published in top journals. Of importance, I have also held management functions at that University, designing and directing an Official University Master's Programme in Neuropsychology (approved by ANECA in 2014), and in my last period there, being Head of the Department of Psychology at the same University. Recently, I have joined the Complutense University of Madrid in the position of Assistant Professor (Profesor Ayudante Doctor), in the Department of Experimental Psychology, where I teach Psychology of Memory and Learning.

Part C. RELEVANT MERITS

C.1. Publications (including books)

- Nevado A, Del Río D, **Pacios J**, Maestú F. Neuropsychological networks in healthy aging and dementia. *Psychology and Aging* (*under review*)
- Medina R, Bouhaben J, de Ramón I, Cuesta P, Antón-Toro L, Pacios J, Quintero J, Ramos-Quiroga JA, Maestú F. Electrophysiological brain changes associated with cognitive improvement in pediatric ADHD: A randomized, controlled, proof of concept study of a digital AI-driven neuropsychological treatment. *Journal of Medical Internet Research* (*in press*).
- Villalobos D, **Pacios J**, Maestú F, Vázquez C. (2021). Cognitive control, cognitive biases and emotion regulation in depression: A new proposal for an integrative interplay model. *Frontiers in Psychology*, 12(628416), 1-18.
- **Pacios J**, Caperos JM, Del Río D, Maestú F. (2021). Emotional distraction in working memory: Bayesian approach-based evidence of the equivalent effect of positive and neutral interference. *Cognition and Emotion*, 35(2), 282-290.
- Villalobos D, Caperos JM, Bilbao A, Bivona U, Formisano R, **Pacios J**. (2020). Self-Awareness moderates the association between executive dysfunction and functional independence after acquired brain injury. *Archives of Clinical Neuropsychology*, 35 (7): 1059-10-68.
- Villalobos MD, Caperos JM, Bilbao A, López-Muñoz F, **Pacios J**. (2020). Cognitive predictors of self-awareness in patients with acquired brain injury along neuropsychological rehabilitation. *Neuropsychological Rehabilitation*, 23:1-19.
- Villalobos MD, Bilbao A, López-Muñoz F, **Pacios J**. (2020). Self-awareness as a Key Process for Rehabilitation of Patients with Acquired Brain Injury: A Systematic Review. *Revista de Neurología*, 70 (1): 1-11.
- Villalobos MD, Bilbao A, López-Muñoz F, **Pacios J**. (2019). Improving self-awareness after acquired brain injury leads to an amelioration in patients' daily living functionality. *Brain Impairment*, 20 (3): 268-275.
- Echaide C, del Río D, **Pacios J**. (2019). The influence of musical background on the long-term recall of verbal and visuospatial memories. *Journal of General Psychology*, 146 (4): 443–458.
- López-Muñoz F, Tracy DK, Povedano-Montero J, Breedvelt J, **García-Pacios J**, Fernández-Martín P, Rubio G, Álamo C. (2019). Trends in scientific literature on atypical antipsychotic drugs in United Kingdom: A bibliometric study. *Therapeutic Advances in Psychopharmacology*, 9: 2045125318820207.

- Gordillo F, **Pacios J**. Fundamentos de la memoria como base explicativa del testimonio. (2019). In: Memoria de testigos y detección de engaños. Colección Criminología y Criminalística. 35-55. Delta Publicaciones. ISBN: 978-84-17526-33-7
- Villalobos MD, Bilbao A, Espejo A, **García-Pacios J**. (2018). Efficacy of an intervention programme for rehabilitation of awareness of deficit after acquired brain injury: A pilot study. *Brain Injury*, 32 (2): 158 - 166.
- López-Muñoz F, Povedano-Montero J, Chee KY, Shen WW, Fernández-Martín P, **García-Pacios J**, Rubio G, Álamo C. (2018). A Bibliometric Analysis of Scientific Production on Second-Generation Antipsychotic Drugs in Malaysia. *The Malaysian Journal of Medical Sciences*, 25(3):40-55.
- **García-Pacios J**, Garcés P, del Río D, Maestú F. (2017). Tracking the effect of emotional distraction in working memory brain networks: Evidence from an MEG study. *Psychophysiology*, 54 (11): 1726 - 1740.
- Aurtenetxe S, **García-Pacios J**, Del Río D, López ME, Pineda-Pardo JA, Marcos A, Delgado-Losada ML, López-Frutos JM, Maestú F. (2016). Interference impacts working memory in mild cognitive impairment. *Frontiers in Neuroscience*, 10-443.
- Castellanos NP, Rodríguez-Toscano E, **García-Pacios J**, Garcés P; Paúl N, Cuesta P, Bajo R, García-Prieto J, del-Pozo F, Maestú F. (2016). Traumatic Brain Injury: Neuropsychological Rehabilitation. In: *Neuroplasticity in Learning and Rehabilitation*. 121-131. Nova Science Publisher. ISBN: 978-1-63484-305-8.
- **García-Pacios J**, Garcés P, del Río D, Maestú, F. (2015). Early detection and late cognitive control of emotional distraction by the prefrontal cortex. *Scientific Reports*. 5(10046): 1-11.
- **García-Pacios J**, del Río D, Villalobos D, Ruiz-Vargas, JM, Maestú, F. (2015). Emotional interference-based forgetting in short-term memory. Cognitive inhibition of pleasant but not unpleasant biologically relevant distractors. *Frontiers in Psychology*, 6(582): 1-16.
- **García-Pacios J**, Aurtenetxe S, Ruiz-Vargas JM, López-Sanz D, López-Frutos JM, Solesio E, Maestú, F. (2015). Redes funcionales del control cognitivo de la memoria. In: *Conectividad funcional y anatómica en el cerebro humano: métodos y aplicaciones en Neurociencia*. 171-182. Elsevier. ISBN: 9788490225257
- Castillo G y **García-Pacios J**. (2015). Bases biológicas de la conducta. In: *Psicología para terapeutas ocupacionales*. 31-56. Editorial Médica Panamericana. ISBN: 9788498352535
- **García-Pacios J**, del Río D, Maestú, F. (2014). State anxiety in healthy people can increase their vulnerability to neutral but not to unpleasant distraction in working memory. *Clínica y Salud*, 25 (3): 181-185.
- Pascual T, and **García-Pacios J**. The effect of motivation in retrieval suppression of unwanted memories. *eduPsykhé*, 2013 Jul; 12 (1): 77-92.
- **García-Pacios J**, Gutiérrez R, Solesio E, Moratti S, Ruiz-Vargas JM, López-Frutos JM, Lorenzo-López L, Del-Pozo F, Maestú F. (2013). Early prefrontal activation as a mechanism to prevent forgetting in the context of interference. *American Journal of Geriatric Psychiatry*. 21(6):580-8.
- del Río D, Cuesta P, Bajo R, **García-Pacios J**, López-Higes R, del-Pozo F, Maestú F. (2012). Efficiency at rest: magnetoencephalographic resting-state connectivity and individual differences in verbal working memory. *International Journal of Psychophysiology*. 86(2):160-7.
- Castellanos NP, Rodríguez-Toscano E, **García-Pacios J**, Garcés P, Paúl N, Cuesta P, Bajo R, García-Prieto J, del-Pozo F, Maestú F. (2012). Restoring of Brain Entropy and Complexity after Rehabilitation of Traumatic Brain Injury. *Functional and Neurological Rehabilitation and Ergonomics*. 2 (3):203-214
- **García-Pacios J**, De Ramón I, Del Río D, González-Marqués J, Ortiz T, Maestú F. (2009). Dynamics of cortical language plasticity by means of magnetoencephalography. *Audiological Medicine*. 7 (1): 65-67

C.2. Research projects and grants

- 2021-2024: Spanish Ministry of Science and innovation (PID2020-114006GA-I00; 72,600 €) "Inhibitory control over memory and depressive ruminations. Neurocognitive underpinnings of

a vulnerability factor for the onset and maintenance of depression (RumTNT)". **Principal Investigator**

- 2016-2017: Vice-Chancellor's Office for Research, Camilo José Cela University (7,500 €), "Brain Oscillations in the suppression of intrusive memories". **Principal Investigator**

- 2015-2016: Vice-Chancellor's Office for Research, Camilo José Cela University (3,900 €), "Brain temporal dynamics in the suppression of intrusive memories". **Principal Investigator**

- 2014-2015: Vice-Chancellor's Office for Research, Camilo José Cela University (3,400 €), "Functional brain connectivity and the cognitive control of memory in the presence of emotional distraction". **Principal Investigator**

- 2013-2015: Spanish Ministry of Economy and Competitiveness (PSI2012-38375-C03-01; 110,000 €) "Understanding subjective memory complaints in the elderly: an approach from genetics, neuropsychology and functional and anatomical connectivity". **Researcher**. PI: Fernando Maestú Unturbe

- 2010-2012: Spanish Ministry of Economy and Competitiveness (PSI2009-14415-C03-01; 180,000 €) "Executive functions impairment in MCI patients: multidisciplinary study for the early diagnosis of AD". **Researcher**. PI: Fernando Maestú Unturbe

C.3. Research Visits

2014-2015: Memory and Perception group, MRC - Cognition and Brain Sciences Unit, University of Cambridge, Cambridge (UK). Advisor: Dr. Michael C. Anderson (5 months)

2011: Memory and Perception group, Cognition and Brain Sciences Unit, Medical Research Council, Cambridge (UK). Supervisor: Dr. Michael C. Anderson (4 months)

C.4. Awards and Fellowships

2018: Best Poster in Depression. I International Meeting on Psychiatry and Psychotherapy Centered in the Patient. Hospital 12 de Octubre, June 2018

2015: Best Conference Talk in Motivation. 2nd Young Researchers' Conference on Motivation and Emotion. Society for Motivation and Emotion (AME), June 2015

2015: Extraordinary Research Funding, Vice-Chancellor's Office for Research, Camilo José Cela University (1,600 €)

2014-2015: Complutense University of Madrid. Honorary Professor of the Department of Basic Psychology II

2013-2014: Complutense University of Madrid. Honorary Fellow of the Department of Basic Psychology II

2010-2013: Spanish Ministry of Science and Innovation, PhD scholarship (3 years)

C.5. Editorial Services

Scientific Journals Reviewer: Psychological Bulletin; Cognitive, Affective and Behavioral Neuroscience; Cognition and Emotion; Frontiers in Neuroscience; Journal of Psychiatric Research; Scientific Reports; Scientific Data; and Gerontology

Member of Editorial Boards: Frontiers in Psychology (from September 2020)

C.6. Academic Responsibilities

Board member: Agencia catalana para la Calidad de los Estudios de Grado y Posgrado (AQU) (from 2018)

Head of Department: Department of Psychology. Faculty of Health Sciences. Camilo José Cela University (2016-2017)

Degree Director: University Master in Neuropsychological Assessment and Rehabilitation. Camilo José Cela University (2013-2018)