

A. PERSONAL INFORMATION		Fecha del CVA	31/07/2019
Nombre y apellidos	Manuel de Vega Rodríguez		
DNI/NIE/pasaporte	33 798 643 M		
Núm. identificación del investigador	Researcher ID	F-8222-2011	
	Código Orcid	0000-0002-9596-1642	

A.1. Situación profesional actual

Organismo	UNIVERSIDAD DE LA LAGUNA		
Dpto./Centro	SECCIÓN DE PSICOLOGÍA		
Dirección	CAMPUS DE GUAJARA S/N, LA LAGUNA 38205 SANTA CRUZ DE TENERIFE		
Teléfono	922 317971	correo electrónico	mdevega@ull.es
Categoría profesional	Catedrático Universidad	Fecha inicio	10/01/1982
Espec. cód. UNESCO			
Palabras clave	Psicología Cognitiva, Neurociencia Cognitiva, comprensión del lenguaje, cognición corpórea, cognición		

A.2. ACADEMIC BACKGROUND

GRADUATION AND PHD	UNIVERSITY	YEAR
Graduate in Psychology	U Complutense de Madrid	29/06/1974
PhD in Psychology	U La Laguna	05/12/1978

A.3. INDICES GENERALES DE PRODUCCIÓN CIENTÍFICA

Total number of citations: 2009 (ResearchGate); 4617 (Google Scholar)
 H index (Google): 34; H index (ResearchGate): 24; H index (Web of Science): 15
 Number of research awards ('sexenios') from the **Comisión Nacional Evaluadora de la Actividad Investigadora (CNEAI): 6**
 Number of scientific publications: 97
 Communications in scientific conferences: 95
 Number of Doctoral Dissertations supervised: 17
 Visit to other research centers: 13

B. BREVE RESUMEN DEL CURRÍCULUM

I was graduated in Psychology in the U. Complutense of Madrid (1974). PhD in the University of La Laguna (1978). Associate Professor in U. Santiago de Compostela (1981-82). Full Professor of Psychology of Language in the U. of La Laguna (since 1982) and Director of the Instituto Universitario de Neurociencia, IUNE (since 2016). Postdoc visitor in the US (Harvard, Illinois, Oregon, Wisconsin, and Memphis), Italy (Padova, Roma and Bologna), Germany (Saarbrucken, Dresden, and Freiburg), France (Paris and CNRS), United Kingdom (Sussex and York), the Netherlands (Max Plank Institute), Cuba (Centro de Neurociencia), Argentina (Instituto Neurología Cognitiva), Chile (Concepcion) and China (Dalian). My main research lines analyze the neurophysiology and neuroanatomy of linguistic meaning. Specifically, I am interested in how the brain reuses neural networks of action, inhibition, visuo-spatial perception and emotion to understand language. I published more than 80 scientific articles, most of them in international journals, and wrote or edited 6 books. I has been President of the Sociedad Española de Psicología Experimental (SEPEX), and member of scientific committees in the Society of Text and Discourse, the European Society of Cognitive Psychology, and several European Workshops of Imagery and Cognition. I am Associate Editor of the journal *Frontiers in Psychology*, and I have been Principal researcher of 13 competitive projects, funded by Spanish state agencies (9), by the Gobierno de Canarias (2) and by a private foundation (1). Also I have been member of a European project in the Human Capital and Mobility framework with other 4 European universities, and member of two Thematic National Networks on Cognitive Neuroscience, with other 10 Spanish universities . I received the 2015 Award

of Research of the U. of La Laguna and I was awarded with 6 research "sexenios" (the maximum number allowed by the Spanish ministries) as a recognition to my continuous research effort.

C. MÉRITOS MÁS RELEVANTES EN LOS ÚLTIMOS 10 AÑOS

C.1. Publicaciones

Morera Y., van der Meij M., **de Vega M.**, Barber. H. (2019). Are Sensory-Motor Relationships Encoded ad hoc or by Default?: An ERP Study. *Frontiers in Psychology*. doi: 10.3389/fpsyg.2019.00966

de Vega, M., Padrón I.; Moreno I.Z., García-Marco E., Domínguez A., Marrero H., Hernández S. (2019). Both the Mirror and the Affordance Systems Might be Impaired in Adults with High Autistic Traits. Evidence from EEG Mu and Beta Rhythms. *Autism Research* 12: 1032–1042. DOI: 10.1002/aur.2121

Beltrán D., Morera, Y., García-Marco E., **de Vega M.** (2019). Brain inhibitory mechanisms are involved in the processing of sentential negation, regardless of its content. Evidence from EEG theta and beta rhythms. *Frontiers in Psychology*. doi: 10.3389/fpsyg.2.

García-Marco E., Morera, Y., Beltrán D., **de Vega, M.**, Herrera, M.E., Sedeño L. Ibáñez A., García A. (2019). Negation markers inhibit motor routines during typing of manual action verbs. *Cognition*. 182, pp. 286 - 293.

Beltrán, D., Muñetón-Ayala, M., **de Vega M.** (2018). Sentential negation modulates inhibition in a stop-signal task. Evidence from behavioral and ERP data. *Neuropsychologia*. <https://doi.org/10.1016/j.neuropsychologia.2018.03.004>.

de Vega M., Morera Y., León I., Beltrán D., Casado P., Martín-Loeches (2016). Sentential Negation Might Share Neurophysiological Mechanisms with Action Inhibition. Evidence from Frontal Theta Rhythm. *The Journal of Neuroscience*. 36, pp. 602 - 610.

de Vega, M. & Beltrán, D. (2018). Reusing neural networks for deep comprehension. In K. Millis, J. Magliano, D. Long, and K. Wiemer (Eds). *Deep Comprehension Multi-Disciplinary Approaches to Understanding, Enhancing, and Measuring Comprehension*. Routledge/Taylor and Francis.

Moreno, I., **de Vega, M.**, León, I., Bastiaansen, M., Lewis, A.G., Magyari, L. (2015). Brain dynamics in the comprehension of action-related language. A time-frequency analysis of mu rhythms. *NeuroImage*, 109, 50-62.

de Vega, M., Beltrán, D., García-Marco, E. & Marrero, H. (2015). Neurophysiological traces of the reader's geographical perspective associated with the deictic verbs of motion to go and to come. *Brain Research*, 1597, 108-118.

de Vega, M., León, I., Hernández, J.A., Valdés, M., Padrón, I. & Ferstl, E. (2014). Action Sentences Activate Sensory Motor Regions in the Brain Independent of Their Status of Reality. *Journal of Cognitive Neuroscience*. 26, 1363–1376.

Rodrigo, M.J., Padrón, I., & **de Vega, M.**, & Ferstl, E. (2014). Adolescents' risky decision-making activates neural networks related to social cognition and cognitive control processes. *Frontiers in Human Neuroscience*, doi: 10.3389/fnhum.2014.00060

Santana, E., & **de Vega, M.** (2013). An ERP study of motor compatibility effects in action language. *Brain Research*, 1526, 71-83.

Moreno, I.Z., **de Vega, M.**, & León, I. (2013). Understanding action language modulates oscillatory mu and beta rhythms in the same way as observing actions. *Brain and Cognition*. 82, 236-242.

De Vega, M., Moreno, V., & Castillo, D. (2013). The comprehension of action-related sentences may cause interference rather than facilitation on matching actions. *Psychological Research*, 77, 20-30.

Urrutia, M., Gennari, S., & **de Vega, M.** (2012). An fMRI study of counterfactual sentences describing physical effort. *Neuropsychologia*, 50, 3663-3672.

de Vega, M. & Urrutia, M. (2011). Counterfactual sentences activate embodied meaning. An action- sentence compatibility effect study. *Journal of Cognitive Psychology*, 23, 962-973.

Santana, E., & **de Vega, M.** (2011). Orientational metaphors are embodied, and also their literal counterparts. *Frontiers in Psychology*, doi: 10.3389/fpsyg.2011.00090

de Vega, M., Domínguez, A., & Urrutia, M. (2010). Tracking lexical and syntactic processes of verb morphology with ERP. *Journal of Neurolinguistics*, 23, 400-415.

León, I., Díaz, J.M., de **Vega, M.**, & Hernández, J.A. (2010). Discourse based consistency modulates early and middle components of ERP. *Emotion*, 10, 853-873.

C.2. PROYECTOS FINANCIADOS EN LOS ÚLTIMOS 10 AÑOS

1.- REFERENCE: PSI2015-66277-R

TITLE: Stimulating action language in the motor system. A neuromodulation study on embodied language. PRINCIPAL RESEARCHER: Manuel de Vega; FUNDED by the Spanish Ministry of Economy and Competitiveness; DURATION: 3 years; STARTING DATE: 01/01/2016; BUDGET: 80.000 €.

2.- Reference: SALUTRA03; TITLE: Functional neuromarkers and neuromodulation in the autistic spectrum disorder. PRINCIPAL RESEARCHER: Manuel de Vega; FUNDED by: FUNDACIÓN CAJACANARIAS; DURATION: 3 years; STARTING DATE: 01/01/2015; BUDGET: 43.500 €.

3.- REFERENCE: PSI2011-28679; TITLE: Action language and embodiment. A behavioral a neurological research on the motor resonance functions. PRINCIPAL RESEARCHER: Manuel de Vega; FUNDED by the Spanish Ministry of Economy and Competitiveness; Duración: 4 años; STARTING DATE: 21/10/2011; BUDGET: 55.000 €.

4.- REFERENCE: PR107017

TITLE: NEUROCOG PROJECT; PRINCIPAL RESEARCHER: Manuel de Vega; FUNDED BY: Canary Agency of Scientific Research (ACIISI) and the Universidad de La Laguna. Duration: 2 years; STARTING DATE: 21/10/2010; BUDGET: 844.100 €.

5.- REFERENCE: SolSubC200801000127

TITLE: Scientific study on the language disorders in the Parkinson disease patient; PRINCIPAL RESEARCHER: Manuel de Vega; FUNDED BY Canary Agency of Scientific Research (ACIISI); DURATION: 3 years; STARTING DATE: 21/10/2009; BUDGET: 36.100 €.

6.- REFERENCE: SEJ2007-66916

TITLE: Comprehension of counterfactual and mentalist predicates. A study with ERP and fMRI techniques. PRINCIPAL RESEARCHER: Manuel de Vega; FUNDED BY the Spanish Ministry of Economy and Competitiveness; DURATION 3 years. STARTING DATE: 21/10/2007). BUDGET: 129.300 €.

7.- REFERENCE: (CEI10/00018)

TITLE: Scientific collaboration with Prof. Alessio Avenanti (University of Bologna, Italy). PRINCIPAL RESEARCHERS: Manuel de Vega and Alessio Avenanti. FUNDED BY CAMPUS DE EXCELENCIA TRICONTINENTA; DURATION: 3 months STARTING DATE: 15/06/2007. BUDGET: 10.000 €.