

# CURRICULUM VITAE

## INFORMAZIONI PERSONALI

SANCHEZ LOPEZ, Javier

## ISTRUZIONE E FORMAZIONE

2009-2014

Universidad Nacional Autonoma de Mexico (Messico)

Dottorato Internazionale in Psicologia indirizzo Neuroscienze Comportamentali

Tesi: "Attention in Skilled versus Novice Martial Arts Athletes. An Event Related Potentials Study"

2006-2009

Universidad Autonoma de Yuvatan (Messico)

Master in Psicologia Applicata indirizzo Psicologia Sportiva

Tesi: "Prophylactic Physical Activity Program. Evaluation and Suggestions"

2002-2006

Universidad Veracruzana (Messico)

Laurea in Psicologia Generale

## ESPERIENZA PROFESSIONALE

Settembre 2014 –

Assegnista di Ricerca

Sezione di Psicologia e Fisiologia, Dipartimento di Neuroscienze, Biomedicina e Movimento, Universita degli Studi di Verona

European Research Council Project Perceptual Awareness in the Reorganizing Brain (PERCEPTUAL AWARENESS ERC-2013-ADG).

Gennaio-Aprile 2014

Assistente di Ricerca

Research Center in Neurodevelopment, Department of Behavioral and Cognitive Neurobiology at Neurobiology Institute, Universidad Nacional Autonoma de Mexico

Febbraio 2008-Novembre 2016

Docente Universitario

Corso di Laurea in Psicologia e Corso di Master in Psicologia Applicata

Universidad Autonoma de Yucatan, Messico

Insegnamenti: Neuroscienze applicate allo sport, Disegno e valutazione di programmi di attivita fisica per la salute, Basi biologiche del comportamento, Psicologia generale.

Febbraio 2008-luglio 2009

Docente Universitario

Corso di Laurea in Psicologia

Centro de Estudios Superiores CTM Justo Sierra O'Reilly, Messico

Insegnamenti: Teorie della Personalità, Psicologia pedagogica, Psicologia sociale, psicologia sociale della educazione.

Febbraio 2006-luglio 2008

Borsista di Psicologia dello Sport

Dipartimento di Medicina e Scienze Applicate allo Sport, Istituto dello Sport di Yucatan, Messico.

## **RICERCA SCIENTIFICA**

### **Sperienze di ricerca al stereo**

University of California San Diego, La Jolla, San Diego, California, USA.

Progetto: Brain Electrophysiology and Cognitive and Perceptual Processes.

August 2012 –January2013

Tutor: Steven A: Hillyard, PhD

Dipartimento di Scienze Motorie, Umane e della Salute, Università degli Studi di Roma "Foro Italico" Italia

Progetto: Study of the Motor-Related Cortical Potentials (MRCP) in Martial Arts Athletes

May2013 –August 2013

Tutor: Francesco Di Russo, PhD

### **Progetti di Ricerca**

#### **Progetti Attuali**

03/2014 – 03/2019: PERCEPTUAL AWARENESS IN THE REORGANIZING BRAIN (PERCEPTUAL AWARENESS ERC-2013-ADG).

Istituti: UNIVERSITY OF VERONA (ITALY), CIMET- UNIVERSITY OF TENTRO (ITALY), ROYAL HOLLOWAY UNIVERSITY (LONDON)

Ricercatore Titolare: Carlo A. Marzi

01/2017 – 01/2019: EFFECTS OF UNSTRUCTURED PHYSICAL ACTIVITY IN ELDERLY. A MULTIMODAL STUDY (PAPIIT-IN200817).

Istituti: UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO (MEXICO), UNIVERSITY OF VERONA (ITALY).

Ricercatore Titolare: Thalia Fernandez

#### **Progetti Passati**

01/2012-01/2015: EFFECT OF NEUROFEEDBACK ON HEALTHY OLDER PARTICIPANTS WITH RISK OF COGNITIVE IMPAIRMENT (IN225414).

Ricercatore Titolare: Thalia Fernandez, PhD

Istituti: UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO.

11/2013 - 10/2014: EARLY DETECTION AND INTERVENTION OF DELAY IN NEURODEVELOPMENT IN INFANTS FROM 0 TO 12 MONTHS WITH RISK FACTORS

FOR PERINATE BRAIN DAMAGE. UNIVERSIDAD AUTONOMA DEL ESTADO DE MORELOS / FACULTAD DE COMUNICACION HUMANA  
Istituti: HOSPITAL GENERAL DE CUERNAVACA "DR. JOSE G. PARRES, INSTITUTO DE NEUROBIOLOGÍA, UNAM CAMPUS JURQUILLA  
Ricercatore Titolare: Alma J. Moreno Aguirre, PhD

01/2012 - 01/2014: CHARACTERIZATION OF ATTENTION IN MARTIAL ARTS ATHLETES (PAPIIT-IN205212).

Ricercatore Titolare: Thalia Fernandez

Istituti: UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, INSTITUTO DE MEDICINA DEL DEPORTE DE CUBA, UNIVERSIDAD AUTONOMA DE MORELOS, UNIVERSITY OF CALIFORNIA SAN DIEGO, UNIVERSITÀ DEGLI STUDI DI ROMA "FORO ITALICO".

## PUBBLICAZIONI

### ARTICOLI

Alatorre-Cruz, G. C., Silva-Pereyra, J., Fernandez, T., Rodriguez-Camacho, M. A., Castro-Chavira, S. A., & **Sanchez-Lopez, J.** (2018). Effects of Age and Working Memory Load on Syntactic Processing: An Event-Related Potential Study. *Front Hum Neurosci*, 12(185).

**Sanchez-Lopez, J.**, Silva-Pereyra, J., Fernandez, T., Alatorre-Cruz, G. C., Castro-Chavira, S. A., Gonzalez-Lopez, M., & Sanchez-Moguel, S. M. (2018). High levels of incidental physical activity are positively associated with cognition and EEG activity in aging. *PLoS One*, 13(1).

Sanchez-Moguel, SM., Alatorre-Cruz, GC., Silva-Pereyra, J., Gonzalez-Salinas, S., **Sanchez-Lopez, J.**, Otero-Ojeda, GA., & Fernandez, T. (2018). Two Different Populations within the Healthy Elderly: Lack of Conflict Detection in Those at Risk of Cognitive Decline. *Front Hum Neurosci*, 11(658).

**Sanchez-Lopez, J.**, Pedersini, CA., Di Russo, F., Cardobi, N., Fonte, C., Varalta, V., . . . Marzi, CA. (2017). Visually evoked responses from the blind field of hemianopic patients. *Neuropsychologia*. doi: <https://doi.org/10.1016/j.neuropsychologia.2017.10.008>

Bollini A, **Sanchez-Lopez J**, Savazzi S & Marzi CA. (2017) Lights from the Dark: Neural Responses from a Blind Visual Hemifield. *Frontiers in Neuroscience*. 11(290). DOI: 10.3389/fnins.2017.00290

**Sanchez-Lopez J**, Silva-Pereyra J & Fernandez T. (2016) Sustained attention in skilled and novice martial arts athletes: a study of event-related potentials and current sources. *PeerJ* 4:e1614 <https://doi.org/10.7717/peerj.1614>

**Sanchez-Lopez, J.**, Fernandez, T., Silva-Pereyra, J., Martinez-Mesa, JA. & Di Russo, F. (2014). Differences in Visuo-Motor Control in Skilled vs. Novice Martial Arts Athletes during Sustained and Transient Attention Tasks: A Motor-Related Cortical Potential Study. *PLoS One*, 9(3), e91112. doi: 10.1371/journal.pone.0091112

**Sánchez-López, J.**, Fernández, T., Silva-Pereyra, J., Martínez-Mesa, JA. & Moreno-Aguirre, AJ. (2014). Evaluación de la Atención en Deportistas de Artes Marciales. Expertos vs. Novatos [Measuring Attention in Martial Arts Athletes. Experts versus Novices]. *Revista de Psicología del Deporte*, 23(1), 87-94

**Sánchez-López, J.**, Fernández, T., Silva-Pereyra, J. & Mesa, J AM. (2013). Differences between Judo, Taekwondo and Kung-fu Athletes in Sustained Attention and Impulse Control. *Psychology*, 4(7), 607-612. doi: 10.1016/s1053-8119(01)91640-4

Ancona-Martín, DN., Pérez-Herrera, MP. & **Sánchez López, J.**(2011). Motivación al logro en estudiantes de danza en Mérida, Yucatán [Achievement Motivation in Dance Students from Merida, Yucatan]. *Revista Mexicana de Investigación en Cultura Física y Deporte*, 3(1), 112-121.

**Sánchez López, J.** & Góngora Coronado, E. A. (2011). Evaluación de dos Programas de Actividad Física Profiláctica [Evaluation of two Prophylactic Physical Activity Programs]. *Cuadernos de Psicología del Deporte*, 11(S2), 155-161.

## LIBRI

**Sánchez-López, J.** (2014). Atención en deportistas de artes marciales expertos versus novatos. Estudio de potenciales relacionados con eventos [Attention in Skilled versus Novice Martial Arts Athletes. An Event Related Potentials Study], Retrieved from: [http://www.ciencianueva.unam.mx/docs/pdf-public/13\\_atenciondeportistas.pdf](http://www.ciencianueva.unam.mx/docs/pdf-public/13_atenciondeportistas.pdf)

## CAPITOLI

Sánchez Moguel, S.M.; Reyes Aguilar, A. & **Sanchez Lopez, J.** (2015) Atención: desarrollo, evaluación y déficits [Attention: Development, evaluation and deficits]. In Camacho Candia, J. A.; Almanza Sepúlveda, M.L. and Romero Orozco, R. A. (coordinators) (2015). *Neurociencia y educación especial. Conceptos, procesos y principios básicos [Neurosciences and especial education. Concepts, processes and basic principles]*. Mexico: Universidad de Guadalajara/Universidad Autonoma de Tlaxcala.

**Sánchez-López J.** & Góngora-Coronado, E.A. (2010) Evaluación de dos programas de actividad física profiláctica[Evaluation of two Prophylactic Physical Activity Programs]. In Góngora-Coronado, E.A.; Cuevas-Ferrera, R.F; Solís-Briceño, O.B. and Martín-Rosado, W.R. (editors) (2010) *Aportaciones a la Psicología del Deporte y la Actividad Física[Contributionstothe Sport and PhysicalActivity Psychology]*. Mérida, Yuc.: UADY, Facultad de Psicología.

Ancona-Martín, D.N.; Pérez-Herrera, M.P. & **Sánchez-López, J.**(2010) Aplicación de un programa para la optimización de la motivación en danza[Implementationof aProgram to OptimizeMotivationin Dance]. In Góngora-Coronado, E.A.; Cuevas-Ferrera, R.F; Solís-Briceño, O.B. y Martín-Rosado, W.R.(editors) (2010) *Aportaciones a la Psicología del Deporte y la Actividad Física[Contributionstothe Sport and PhysicalActivity Psychology]*. Mérida, Yuc.: UADY, Facultad de Psicología.