

# Curriculum Vitae

## INFORMAZIONI PERSONALI

**Nome** GIUSEPPE  
**Cognome** GIGLIA  
**Recapiti** Istituto di Fisiologia Umana , Dipartimento di Biomedicina Sperimentale e Neuroscienze Cliniche (BioNeC), tel: 091/6555801  
**E-mail** giuseppe.giglia@unipa.it

## FORMAZIONE TITOLI

21 December 2007 – 22 March 2011 **Doctor of Philosophy, PhD** EQF level 8

University of Palermo - dept. of Experimental Biomedicine and Clinical Neurosciences (BioNeC), Palermo (Italy)

Statistics

- Scientific Writing
- Software Programming for presentation of sensory stimuli (Psyscope X)
- Neuronavigation with Brain Voyager QX
- Transcranial Magnetic Stimulation (TMS)
- Transcranial Direct Current Stimulation (tDCS)
- Thesis entitled "Language and Space: study with TMS on the parietal cortex" in the field of Cognitive Neuroscience and Psychophysiology

2003 – 26 October 2007 **Neurology Specialist cum** EQF level 8

**Laude**

University of Palermo - Section of Neurology - Department of Neurology, Ophthalmology, Otolaryngology and Psychiatry (DINOOP), Palermo (Italy)

- Clinical Neurology at department and outpatient services
- Diagnosis and treatment of major neurological diseases of the central and peripheral nervous system
- Clinical and instrumental Neurophysiology: EMG, NCS, EP, EEG
- Neuropsychological Tests
- Clinical, epidemiological, neurophysiological and psychophysiological research in patients affected by neurological diseases (epilepsy, headache, multiple sclerosis, movement disorders, dementias, unilateral spatial hemineglect) and healthy volunteers (cortical plasticity, perception, lateralization of visuospatial attention, neurolinguistic, language)
- Thesis entitled: "Language and TMS: Effects of Repetitive Transcranial Magnetic Stimulation on the parietal cortex during a Conditional Reading Task" in the field of Cognitive Neuroscience and Psychophysiology

2002 **Qualification to practice in the medical profession**

University of Palermo, Palermo (Italy)

1995 – 25 March 2002 **Doctor of Medicine, MD cum Laude** EQF level 7

University of Palermo, Palermo (Italy)

29 november - 03 december 2017 **course "3rd Course of International School of Brain Cells and Circuits: <<Camillo Gogli>> on From cell physiology to integrated signals and emerging brain functions "** advanced

Ettore Majorana Centre for Scientific Culture, Erice (Italy)

cellular physiology, computational modeling and integrated brain signals

01 October 2010 – 10 October 2010 **Final exam passed, course "XXX Theoretical and Practical Culture in Electromyography and Clinical Neurophysiology"** advanced

Italian Society of Clinical Neurophysiology (SINC), Abano Terme (Italy)

- EMG, sfEMG
- Evoked Potentials

21 March 2009 – 28 March 2009 **Final exam passed, course "VIII basic course in EMG and Evoked Potentials"** basic

Italian Society of Clinical Neurophysiology (SINC), Ravello (Italy)

09 June 2008 – 10 June 2008	Final exam passed, course "4th updating course in Transcranial Eco-Color- Doppler. The Neurosonology of the Intracerebral Vassels and Parenchyma."	basic
Italian Interdivisional Neurovascular Society(SINV), San Benedetto del Tronto (Italy)		
Transcranial Eco-Color-Doppler	14 October 2005 – 20 October 2005	Final exam passed, course "127° Course on International School of Medical Sciences on the Neurodegenerative Process: Biology, Models and Disease."
Ettore Majorana Centre for Scientific Culture, Erice (Italy)		
<ul style="list-style-type: none"> <li>• Molecular mechanisms, models of research and clinical aspects of neurodegenerative diseases</li> </ul>		
04 November 2004 – 10 November 2004	Final exam passed, course "34th course of the International School of Biophysics <<A. Borsellino>>on advances course on neuroepidemiology."	
Ettore Majorana Centre for Scientific Culture, Erice (Italy)		
<ul style="list-style-type: none"> <li>• Biostatistics</li> <li>• Neuroepidemiology</li> </ul>		
16 November 2004	Final exam passed, course "use of the NIHSS - National Institute of Health Stroke Scale"	
University of Rome La Sapienza, Rome (Italy)		
<ul style="list-style-type: none"> <li>• Certified for the use of NIHSS</li> </ul>		
10 November 2003 – 14 November 2003	Final exam passed, course "VIII theoretical and practical course of electroencephalography and epileptology."	basic
University of Messina, Messina (Italy)		
<ul style="list-style-type: none"> <li>• electroencephalography</li> <li>• epileptology</li> </ul>		
21 July 2003 – 26 July 2003	Final exam passed, course "Summer school of neuroscience: receptors and neuropsychiatric disorders."	advanced
University of Catania, Catania (Italy)		
<ul style="list-style-type: none"> <li>• Molecular mechanisms of neuropsychiatric diseases</li> <li>• Neuropharmacology</li> </ul>		
27 June 2003 – 28 June 2003	Final exam passed, course "Updating course in Clinical neuropathophysiology: Electroencephalography"	basic
IRCSS Oasi Maria SS, Troina (Italy)		
<ul style="list-style-type: none"> <li>• Electroencephalography</li> </ul>		
November 2002 – September 2003	Final exam passed, course "European Frontiers in Neuropharmacology"	
University of Catania, Catania (Italy)		
<ul style="list-style-type: none"> <li>• Neuropharmacology</li> </ul>		

## ATTIVITA' DIDATTICA

Academic year 2016-2017	<b>Lecturer in Human Physiology</b> University of Palermo - School of Medicine and Surgery - Hypatia School of Medicine Teaching
Academic year 2015-2016	<b>Lecturer in Human Physiology</b> University of Palermo - School of Medicine and Surgery - Hypatia School of Medicine Teaching
Academic year 2014-2015	<b>Lecturer in Human Physiology</b> University of Palermo - School of Medicine and Surgery - Hypatia School of Medicine Teaching
February 2008 – July 2014	<b>Honorary fellowship in Neurology (cultore della materia)</b> University of Palermo - School of Sport Sciences, Palermo (Italy) teaching, tutoring thesis in Neurology
Academic Year 2011 – 2012	<b>Lecturer in Neurology</b> University of Palermo - School of Sport Sciences, Palermo (Italy) teaching neurology
Academic Year 2010 – 2011	<b>Lecturer in Neurology</b> University of Palermo - School of Sport Sciences, Palermo (Italy) teaching neurology

## INCARICHI / CONSULENZE

01 May 2014 - 31 december 2017	<b>Honorary researcher</b> Maastricht University, Minderbroedersberg 4, 6211 LK Maastricht, The Netherlands Faculty of Psychology & Neuroscience - Department of Cognitive Neuroscience Research in the field of Non Invasive Brain Stimulation and fMRI
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## ASSOCIAZIONI SCIENTIFICHE

SIF: Società Italiana di Fisiologia

## PUBBLICAZIONE

<https://www.researchgate.net/profile/GiuseppeGiglia/publications>

## ATTIVITA' SCIENTIFICHE

29 June 2009 – 28 June 2013	<b>post-doctoral researcher</b> University of Palermo - dept. of Experimental Biomedicine and Clinical Neurosciences (BioNeC), Palermo (Italy) Research in "Allodynia as a risk factor for chronic migraine. Neurophysiological Study With Transcranial Magnetic Stimulation", Tutor Prof. Brigida Fierro.
14 April 2013 – 09 May 2013	<b>Visiting Researcher</b> University of Maastricht - Faculty of Psychology & Neuroscience - Department of Cognitive Neuroscience, Maastricht (The Netherlands) Research in the field of Non Invasive Brain Stimulation and fMRI, starting a collaborative project.
03 June 2012 – 09 June 2012	<b>Visiting Researcher</b> Italian Institute of Technology - IIT- dept RBCS - Robotics Brain and Cognitive Sciences,

Genova (Italy)

Research in the field of Non Invasive Brain Stimulation and Psychophysiology of language-concept interface, starting a collaborative project.

## **AMBITI DI RICERCA**

Non Invasive Brain Stimulation (NIBS), TMS: Transcranial Magnetic Stimulation, tDCS: Transcranial Direct Current Stimulation, Cognitive Neurosciences, Visuospatial Attention, Neglect, Language, Brain Plasticity, Physiology of Pain Perception, fMRI, Connectomics, qEEG.

## **ALTRE ATTIVITA**

Maker, with skills in Arduino programming and 3D printing.

personal website: [www.giuseppegiglia.altervista.org](http://www.giuseppegiglia.altervista.org)