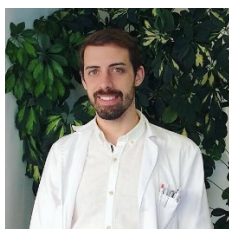


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EDUCATION

Doctorate in Clinical and Health Psychology. (2016-present). Autonomous University of Madrid. Madrid, Spain. Thesis presentation: May 2021.

Master of Clinical Neurology. (2020-present). Francisco de Vitoria University and Spanish Society of Neurology (SEN).

University specialist in Clinical Neuropsychology. (2009-2010). Pablo de Olavide University. Seville, Spain.

Master's degree in Psychology. (2006-2008). University of Salamanca. Salamanca, Spain.

Bachelor's degree in Psychology. (2003-2006). University of Salamanca. Salamanca, Spain.

EXPERIENCE

Secretary at International Society of Neuroregulation and Research (ISNR). (2020-present)

Director at NEPSA Rehabilitación Neurológica. Salamanca, Spain. (2012-present). Neuropsychology, qEEG, LORETA analysis, neurofeedback, psychophysiology. (<https://nepesa.es/>).

Neuropsychology and Health Psychology Master's Tutor at Valencian International University (VIU). Valencia, Spain. (2019-present). Supervising and assessing Master's theses.

Neuropsychology Master's Tutor at University of Salamanca. Salamanca, Spain. (2013-present). Supervising and assessing Master's theses.

Education and Research Representative at IFEN Institut für EEG-Neurofeedback. Munich, Germany. (2016-present). Neurofeedback and qEEG training. IFEN Spain Director.

Teacher at Proyecto Ineuro®. (03/2014 –04/2014). Memory Rehabilitation Course.

Teacher at Pablo de Olavide University. Seville, Spain. (2011– 2014). Teacher at the Master's in Clinical Neuropsychology, Master's in Neurorehabilitation.

Neuropsychologist at Hospital Centro de Cuidados LAGUNA - Fundación Vianorte-Laguna. Madrid, Spain. (09/2011-08/2012). Coordinator of the neurorehabilitation service and neuropsychologist at the dementia unit.

Neuropsychologist at Neuroclínica Méndez Berenguer. (09/2009 – 09/2010). Badajoz, Spain. Neuropsychological examination and generating reports (TBI, CVA, dementia, TDAH, developmental delay, etc.). Designing and implementing rehabilitation programs and/or cognitive stimulation. Coordinator of the rehabilitation team. (www.neuroclinicaberenguer.com).

PUBLICATIONS

- Pérez-Elvira, R., Oltra-Cucarella, J. and Carrobles, J.A. (2021). Effects of quantitative electroencephalogram normalization using 4-channel Live Z-Score training neurofeedback for children with learning disabilities: Preliminary data. *Behavioral Psychology*, 29(1), 191-206.
- Pérez-Elvira, R., Oltra-Cucarella, J., Carrobles, J.A., Moltó, J., Flórez, M., Parra, S., Agudo, M., Saez, C., Guarino, S., Costea, M.R., and Neamtu, B. (2021). Enhancing the effects of neurofeedback training: The motivational value of reinforcers. *Brain Sciences*, 11(4), 457.
- Pérez-Elvira, R., Oltra-Cucarella, J., Carrobles, J.A., Teodoru, M., Bacila, C. and Neamtu, B. (2021). Individual Alpha Peak Frequency, an Important Biomarker for Live Z-Score training Neurofeedback in Adolescents with Learning Disabilities. *Brain Sciences*, 11(2), 167.
- Pérez-Elvira, R., Oltra-Cucarella, J. y Carrobles, J.A. Effects of QEEG normalization using 4-Channel Live Z-Score Training Neurofeedback for children with learning disabilities: Preliminary data. *Behavioral Psychology*. (in press).

- Pérez-Elvira, R., Oltra-Cucarella, J. y Carrobles, J.A. Comparing Live Z-Score Training and Theta/Beta Protocol to Reduce Theta-to-Beta Ratio: A Pilot Study. *NeuroRegulation*, 7(2), 58-63 10.15540/nr.7.2.58
- Pérez-Elvira, R. and Jimenez Gómez, A. (2020). sLoreta Neurofeedback in Fibromyalgia. *Neuroscience Research Notes*, 3 (1), 1-10. <https://doi.org/10.31117/neuroscirn.v3i1.40>
- Pérez-Elvira, R., Carrobles, J.A., Lopez Bote, D. and Oltra-Cucarella, J. (2019). Efficacy of Live Z-Score Neurofeedback Training for Chronic Insomnia: A Single-Case Study. *NeuroRegulation*, 6 (2), <https://doi.org/10.15540/nr.6.2.93>
- Pérez-Elvira, R., López Bote, D., Guarino, S., Agudo Juan, M., De Leon, R.J., Feiner, T and Bejarano, S. (2018). Neurometric Results of a Case Series Using live Z-Scores Neurofeedback, *International Journal of Psychophysiology*, 131, S139. <https://doi.org/10.1016/j.ijpsycho.2018.07.375>
- Feiner, T., Agudo Juan, M. and Pérez-Elvira, R. (2018). Cognitive and Psychophysiological Test Operations as Assessment Tool for Neurofeedback Clinicians: A Pilot Study on its Preliminary Normative Data and Validity, *NeuroRegulation*, 5 (4)
- Pérez-Elvira, R., Agudo Juan, M., De León, R. and Feiner, T. (2018). Cognitive and Psychophysiological Test Operations as Assessment Tool for Neurofeedback Clinicians. *ISNR Conference*, Phoenix (Arizona).
- Oltra-Cucarella, J., Pérez-Elvira, R., Espert, R., & Sohn McCormick, A. (2016). Are cognitive interventions effective in Alzheimer's disease? A controlled meta-analysis of the effects of bias. *Neuropsychology*, 30(5), 631–652. <https://doi.org/10.1037/neu0000283>
- Oltra-Cucarella J, Pérez-Elvira R, Duque P. (2014). Beneficios de la codificación profunda en la enfermedad de Alzheimer. Análisis del rendimiento en una tarea de memoria mediante el *Item Specific Deficit Approach*. *Neurología*, 29, 286–293.
- Pérez-Elvira, R. and Carpena, M.G. (2011). Scoping study on operation NeurOptimal. disponible: https://www.researchgate.net/publication/319914751_Scoping_Study_on_OPERATI ON_NeurOptimal
- Pérez-Elvira, R. and Clavel, M. (2011). Radiotherapy-related cognitive impairment in brain tumors. *Psicooncología*, 8 (2/3), https://DOI: 10.5209/rev_PSIC.2011.v8.n2-3.37880
- Oltra-Cucarella, J., Pérez-Elvira, R. and Expert, R. (2010). Weight gain and affective variables in Anorexia Nervosa. A neuropsychological approach. *Congreso Nacional de Neuropsicología*, Oviedo.
- Pérez-Elvira, R. (2010) Neuropsychology of multiple sclerosis. *Revista Psicología Científica. com*, 12

CONFERENCE PRESENTATIONS

- **Pérez-Elvira R, Neamtu B. and Costea R. (2020).** Neurofeedback methods efficiency in different pediatric conditions. *4th Eastern European Conference of Mental Health “In and Out of Your Mind”* – Virtual, 19-22 November.
- **Pérez-Elvira R., and Carrobles, J.A. (2020).** Normalización del QEEG mediante el entrenamiento de neurofeedback de puntuaciones Z en niños con trastornos de aprendizaje. *6th International Congress of Clinical and Health Psychology in Children and Adolescents.* 18-21 November.
- **Pérez-Elvira R., and Carrobles, J.A. (2020).** Eficacia del entrenamiento en neurofeedback de puntuaciones Z versus el protocolo de entrenamiento Theta/Beta en pacientes con TDAH. *6th International Congress of Clinical and Health Psychology in Children and Adolescents.* 18-21 November.
- **Introduction to Quantitative Electroencephalography.** 03/04/2020. NeuronUp Academy.
- **Attention Models and QEEG in the Differential Diagnosis of Attention Disorders.** 22/07/2019. 4th National Congress of Psychology. *IV Congreso Nacional de Psicología,* Vitoria.
- **Neurometrics results of a case series using live Z-score neurofeedback.** 09/2018. 19th World congress of psychophysiology. Lucca, Italy.
- **Feiner, T., Agudo Juan, M. and Pérez-Elvira, R. (2018).** Cognitive and Psychophysiological Test Operations as Assessment Tool for Neurofeedback Clinicians: A Pilot Study on its Preliminary Normative Data and Validity, *ISNR Conference*
- **Introduction to Neurofeedback.** 01/02/2018. 10th Meeting of the Clinical Neuropsychology Consortium. Bilbao, Spain.
- **Transkraniellen Gleichstromstimulation (tDCS) in Verbindung mit Neurofeedback.** 08/03/2017. EEG Tage at the Ludwig-Maximilians-Universität (LMU) in Munich (Germany).
- **Ancillary Use of Transcranial Direct Current Stimulation in Neurofeedback Interventions: A Case Study of Adult ADHD with Depressive Symptoms.** 11/06 2016. BFE Conference on Neurotherapies.
- **Effectiveness of Cognitive Intervention in Amnesic Mild Cognitive Impairment. Test-Retest Differences with Alzheimer's disease.** 04/12/2013. 1st Conference of Researchers: "Research and Aging".

- **Weight gain and affective variables in Anorexia Nervosa. A neuropsychological approach.** 11/2010. 3rd National Congress of Neuropsychology of the Federation of Spanish Societies of Neuropsychology (FANPSE).
- **Pérez-Elvira et al. (2010). Forensic Neuropsychology and New Technologies: Regarding a Psychogenic Paraplegia Case.** 11/2010. 3rd National Congress of Neuropsychology of the Federation of Spanish Societies of Neuropsychology (FANPSE).

TEACHING AND MENTORING –EXPERIENCE

- BCIA Didactic Course, Stress Therapy Solution, Salamanca 29 may – 2 june, 2019.
- Mentor for BCIA certificants.
- Regular Neurofeedback and QEEG Instructor for IFEN (Institut Für EEG-Neurofeedback, Munich – Germany).
- Professor/Tutor Master Thesis, Health Psychology Masters Degree, International University of Valencia (Spain).

TRAINING

Psychological Intervention: Current Implementations. UNED. Plasencia, Spain.

Social Skills in Psychiatry from Occupational Therapy. University of Salamanca. Salamanca, Spain.

The Psychologist at the Correctional Facilities: Theory and Practice. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Ethical Dilemmas of Legal Psychologists. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Early Attention. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Psychological Treatment of Chronic Pain. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Intervention for Anxiety: Carpe Diem training center, 70 h.

Suicide among the Adult Population. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Psychological Approach to the Study of Work-Related Accidents. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Child Sexual Abuse: Assessment and Clinical-Forensic Intervention. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Group Intervention with Families at Early Childhood. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Stroke Prevention Strategies in Extremadura: (3rd Module) Rehabilitation, Follow-up and Social Reintegration of Stroke Patients. FundeSalud, Virgen del Puerto Hospital in Plasencia, Spain. Extremadura Health Service. Janssen-Cilag Laboratories.

Stroke Prevention Strategies in Extremadura: (5th Module) Stroke Investigation. FundeSalud, Infanta Cristina Hospital in Badajoz, Spain. Extremadura Health Service. Pfizer Laboratories.

Psychology while Acquiring and Developing the Motor Behavior: Adaptive Models of Behavioral Learning. Considerations about the Teaching-Learning Process. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Cognitive Impairment: Methodologies to Prevent it. State Reference Centre for the Care of Persons with Alzheimer's disease and other Dementias. Salamanca, Spain.

Eating Disorders. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

Obsessive-Compulsive Disorder and Compulsions. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

3rd National Congress of Neuropsychology. Oviedo, Spain. 26-28/11/2010.

Simulation. Remote Continuous Learning (FOCAD) at General Council of Official Colleges of Psychologists (COP).

PROFESSIONAL ASSOCIATIONS

Member (and secretary) of the International Society of Neuroregulation and Reserch

Member of the Official College of Psychologists of Castilla-León (License No. CI-3622).

Member of the Clinical Neuropsychology Consortium.

Member of the Spanish Society of Neurology.

CERTIFICATIONS

Specialist in Clinical Neuropsychology. College of Psychologist of Spain.

Board Certified Neurofeedback BCN. Biofeedback Certification Alliance International BCIA. (10/2017).

InfraSlow Fluctuations Training Neurofeedback. Neurofeedback Services New York PC. (12/2016).

Zertifizierter in QEEG Analyse. Institut Für EEG Neurofeedback. (2016)

BCIA Neurofeedback 36Ce Course. New Mind Academy. (2015)

Zertifizierter Neurofeedbacktherapeut. Institut Für EEG Neurofeedback. (2014)

Functional Neuropsychology – Level A . Proyecto Ineuro®. (06/2014).

Neuropsychology Specialist Certification. Official College of Psychologists of Madrid (10/2011).

GRADIOR Specialist. Fundación Intras. (09/2011).

SKILLS

Software: NeuroGuide, WinEEG, BrainDx, BrainAvatar, LPR

Languages: Spanish, English and Italian. Strong comprehension of Portuguese.

REFERENCES

Dr. Giuseppe A. Chiarenza, President of International Organization of Psychophysiology.

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