

José Manuel Muñoz

Philosopher and Cognitive Scientist

Curriculum Vitae

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For more information—including additional achievements not covered here—please contact

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Specializations: Philosophy of Mind, 4E Cognition, Free Will, Neuroethics.

Professional and Academic History

- Sep 2018–Present: Assistant Professor of Psychology
Department of Psychology
European University of Valencia
- Nov 2019: Visiting Scholar
Host: Eric García-López
National Institute of Criminal Sciences, Mexico City
- 2016: Ph.D. in Logic and the History and Philosophy of Science
National Distance Education University (UNED), Madrid
- 2006: B.S./M.S. (*Licenciado*) in Biology
University of Valencia

Awards, Recognitions, and Scholarships

- 2020: Accreditation as Assistant Professor (*Profesor Ayudante Doctor*), National Agency for Quality Assessment and Accreditation (ANECA), Spain.
- 2018: Recognition of one six-year period of research (*sexenio de investigación*), National Commission for the Evaluation of Research Activity (CNEAI), Spain.

Publications

Books:

- García-López, E., Muñoz, J. M., & Andorno, R. (Eds.). (2021, forthcoming). *Neurorights and mental freedom: Emerging challenges to debates on human dignity and neurotechnologies*. *Frontiers*.
- Muñoz, J. M., García-López, E., & Rusconi, E. (Eds.). (2020, in press). *Neurolaw: The call for adjusting theory based on scientific results*. *Frontiers*.

The following articles are included in this volume:

- Muñoz, J. M., García-López, E., & Rusconi, E. (2020, in press). Editorial: Neurolaw: The call for adjusting theory based on scientific results. *Frontiers in Psychology*.

Mercurio, E., García-López, E., Morales-Quintero, L. A., Llamas, N. E., Marinaro, J. Á., & Muñoz, J. M. (2020). Adolescent brain development and progressive legal responsibility in the Latin American context. *Frontiers in Psychology, 11*, Article 627.

Book Chapters:

Muñoz, J. M. (2020, in press). Filosofía para el neuroderecho: Cerebro, mente y acción. In E. García-López & A. I. Ruiz (Coords.), *Neuroderecho y psicopatología forense, tomo I*. INACIPE.

Muñoz, J. M. (2020, in press). La causalidad mental: Un problema filosófico esencial para el neuroderecho. In E. García-López (Coord.), *Derecho penal y neurociencia*. INACIPE.

Muñoz, J. M. (2020, in press). Neurotecnologías, control mental y derechos humanos. In P. Baños (Auth.), *El dominio mental*. Ariel.

Special Issues and Sections:

Muñoz, J. M., & Villar, V. M. (Eds.). (2021, forthcoming). Current challenges in neuroethics [Special section]. *Scio*, (21).

Articles in Journals:

Ruiz, A. I., & Muñoz, J. M. (2020, in press). Neuroprevención: Un nuevo paradigma para el estudio de la reincidencia delictiva. *Revista Penal*, (46), 221–229.

Ruiz, A. I., & Muñoz, J. M. (2020, in press). Reincidencia delictiva: ¿Neuropredicción o neuroprevención? *El Mundo del Abogado*.

Muñoz, J. M. (2019). Chile—Right to free will needs definition. *Nature*, 574(7780), 634.

Villar, V. M., & Muñoz, J. M. (2019). El libre albedrío y la búsqueda de la felicidad. *Scio*, (16), 61–82.

Muñoz, J. M. (2018). Causalidad mental y neurociencia: El modelo de la poda semántica. *Theoria*, 33(3), 379–399.

Muñoz, J. M. (2017). Somatic markers, rhetoric, and post-truth. *Frontiers in Psychology*, 8, Article 1273.

Muñoz, J. M. (2015). Mecánica cuántica y libre albedrío: Cinco cuestiones fundamentales. *Principia*, 19(1), 65–92.

Muñoz, J. M. (2013). Neurofilosofía y libre albedrío. *Daimon*, (59), 57–70.

Muñoz, J. M. (2012). Hacia una sistematización de la relación entre determinismo y libertad. *Daimon*, (56), 5–19.

Conference Papers:

Muñoz, J. M. (2021, in press). Neurociencia y libre albedrío: Cinco cuestiones fundamentales. In D. G. Murray (Ed.), *Proceedings of the 7th World Conference on Metaphysics*. Editorial Fundación Fernando Rielo.

Muñoz, J. M. (2019). Bucles extraños, conciencia y libre albedrío. In E. Nájera, A. de Murcia, & J. Pulla (Eds.), *Interessos filosòfics del present* (pp. 133–146). Societat de Filosofia del País Valencià.

Muñoz, J. M. (2019). Pinceladas sobre la neuroética del libre albedrío en España. *Cuadernos de Bioética*, 30(100), 354.

Book Reviews:

Muñoz, J. M. (2020). [Review of the book *Biology and subjectivity: Philosophical contributions to non-reductive neuroscience*, edited by M. García-Valdecasas, J. I. Murillo, & N. F. Barrett]. *Philosophical Psychology*, 33(7), 1045–1048.

Fiction and Poetry Works:

Muñoz, J. M. (2020). X-volución. *El Narratorio*, 5(55), 57–60.

Presentations and Talks

Invited Talks:

“Neurorights’: el neuroderecho a través del espejo,” at the Permanent Seminar on Neurolaw and Forensic Psychopathology, National Institute of Criminal Sciences, Mexico City, June 2020.

“De la neuroética al neuroderecho: algunas cuestiones de actualidad,” at the course “Valores Éticos,” B.S. in Psychology, European University of Valencia, December 2019.

“Neuroderechos, ¿sí o no?,” at the Permanent Seminar on Neurolaw and Forensic Psychopathology, National Institute of Criminal Sciences, Mexico City, November 2019.

“Genes, neuronas y violencia: el libre albedrío frente al determinismo fatalista,” at the 4th Cycle of Talks “El papel de la psicología en la impartición de justicia,” Judicial Power of Mexico City, November 2019.

“Filosofía para el neuroderecho: cerebro, mente y acción,” at the Permanent Seminar on Neurolaw and Forensic Psychopathology, National Institute of Criminal Sciences, Mexico City, November 2019.

Talk at the inaugural lesson of the M.S. in Forensic Psychopathology and the Justice System, National Institute of Criminal Sciences, Mexico City, November 2019.

“Neuroderechos: el libre albedrío como paradigma de su dificultad regulatoria,” at the 2nd Conference on Neuroscience in Criminal Law, National University of La Matanza, San Justo, November 2019.

“Fundamentos filosóficos del neuroderecho,” at the 1st Conference on Neuroscience in Criminal Law, National University of La Matanza, San Justo, October 2018.

“El libertarismo frente a los experimentos ‘tipo Libet,’” at the Science, Reason and Faith Group’s Permanent Seminar, University of Navarra, Pamplona, September 2016.

“¿Somos escultores de nuestro cerebro?: emergencia contextual, sistemas complejos y causalidad mental,” at the Mind-Brain Group’s Permanent Seminar, University of Navarra, Pamplona, May 2016.

Contributed Talks:

“Neurotecnologías y derechos humanos” (with V. M. Villar), at the 2nd Conference of the Society of Christian Philosophers (SoFiC), CEU Cardenal Herrera University and Catholic University of Valencia, Valencia, September 2020.

“Sobre el libre albedrío: ¿qué es el incompatibilismo?,” at the 8th International Conference on Human Sciences, Autonomous University of Madrid, December 2019.

“Pinceladas sobre la neuroética del libre albedrío en España,” at the 12th International Conference of the Spanish Association of Bioethics and Medical Ethics (AEBI), CEU Cardenal Herrera University, Valencia, October 2019.

“Perspectives on neurolaw and neuroethics from Spain,” at the 19th Annual Conference of the International Association of Forensic Mental Health Services (IAFMHS), Montreal, June 2019.

“Neurociencia y libre albedrío: cinco cuestiones fundamentales,” at the 7th World Conference on Metaphysics, Pontifical University of Salamanca, October 2018.

“Bucles extraños, conciencia y libre albedrío,” at the 22nd Valencian Conference of Philosophy, University of Alicante, March 2018.

“¿Es la libre voluntad un producto del inconsciente? Benjamin Libet,” at the 19th Conference of the Philosophical Society of Castilla-La Mancha (SFCM), University of Castilla-La Mancha, Ciudad Real, March 2018.

“Contenido mental y neuroplasticidad,” at the 2nd International Conference of the Spanish Network of Philosophy (REF), University of Zaragoza, September 2017.

Media Appearances

“Neurotecnologías: creando alucinaciones,” interview at the TV show *Cuarto Milenio*, Season 15, Program 21, *Cuatro* channel, Spain, February 9, 2020.

Research Projects and Groups

As Full Member:

2020–Present: “Espacios de progresión de las neurociencias en el derecho: aplicación en el campo de los derechos humanos, derecho penal, ejecución de la pena, neurociencia forense y neurotecnologías,” principal investigator: José Ángel Marinero, National University of La Matanza, San Justo.

2019–Present: “Derecho penal y comportamiento humano,” principal investigator: Eduardo Demetrio, University of Castilla-La Mancha, Toledo.

2019–Present: “Emoción, cognición, acción,” principal investigator: Alfredo Esteve, Catholic University of Valencia.

2019: “Convivencia escolar: educación emocional para profesores,” principal investigator: Virginia Romero, European University of Valencia.

2018–2019: “Las neurociencias y su receptividad en el proceso penal, en el derecho penal juvenil y en la ejecución de la pena. Encuadre ético de sus incidencias,” principal investigator: José Ángel Marinero, National University of La Matanza, San Justo.

As External Collaborator:

2016–Present: “Mente-cerebro: biología y subjetividad en la filosofía y en la neurociencia contemporáneas,” principal investigator: José Ignacio Murillo, University of Navarra, Pamplona.

2017: “Neurociencias en el derecho penal: traslación vinculante de las proposiciones emergentes de la investigación empírica de las ciencias del cerebro,” principal investigator: José Ángel Marinero, National University of La Matanza, San Justo.

Supervising and Teaching

Theses:

2019–2020: One master's degree final thesis supervised for M.S. in General Health Psychology, European University of Valencia.

2019–2020: Three bachelor's degree final theses supervised for B.S. in Psychology, European University of Valencia.

Bachelor's Courses:

2019–2020: "Neuropsicología" (two semesters), for B.S. in Psychology, European University of Valencia.

2019–2020: "Biología" (one semester), for B.S. in Criminology, European University of Valencia.

Lifelong Learning Courses:

2017–2019: "Neurociencia y libre albedrío" (three semesters), National Distance Education University (UNED), Madrid.

Service and Memberships

Editorial Appointments:

2018–Present: Review Editor for the journal *Frontiers in Psychology* (for the section on Theoretical and Philosophical Psychology).

Refereeing:

Journals: *Anuario Filosófico*, *Daimon*, *Frontiers in Psychology*.

Evaluation and Advice:

2019–2020: Member of the specialized academic committee for the development of the study plan for Ph.D. in Neurolaw and Forensic Psychopathology, National Institute of Criminal Sciences and National Institute of Neurology and Neurosurgery, Mexico City.

Examining:

2019–2020: Fourteen master's degree final theses examined for M.S. in General Health Psychology, European University of Valencia.

2019–2020: Seven bachelor's degree final theses examined for B.S. in Psychology, European University of Valencia.

Society Memberships:

Association for the Scientific Study of Consciousness (ASSC).

International Neuroethics Society (INS).

Spanish Society for Logic and the Methodology and Philosophy of Science (SLMFCE).