

Adriana Lucía Ruiz Rizzo[ORCID](#) | [GoogleScholar](#) | [OSF](#)**Education**

- 2014.04 – 2018.06 **Ph.D. in Systemic Neurosciences**
 Graduate School of Systemic Neurosciences (GSN), LMU Munich, Germany
 Dissertation: [Visual Processing Speed in the Aging Brain](#)
- 2011.09 – 2013.09 **M.Sc. in Cognitive and Clinical Neuroscience**
 Maastricht University, Maastricht, the Netherlands
 Thesis: [Neurocognitive Processes Associated With Peer Preference in Preschool Children](#)
- 2021.02 – 2022.02 **Postgraduate Degree in Applied Statistics**
 Fundación Universitaria Los Libertadores, Bogotá, Colombia
 Thesis: Predictors of Finding Older Adults Reported Missing Based on Supervised Machine Learning Models
- 2003.07 – 2008.05 **B.A. in Psychology**
 Universidad de Antioquia. Medellín, Colombia
 Thesis: Description of the Neuropsychological Features of Explicit Memory in Adults with History of Major Depression from Adolescence

Research Experience

- 2021.04 – Present **LMUexcellent Post-Doctoral Research Fellow**
 - Department of Psychology, LMU Munich
- 2019.10 – 2021.03 **Post-Doctoral Research Fellow**
 - Department of Psychology, Institute of Gerontology, Wayne State University, Detroit, MI, U.S.A
- 2018.07 – 2019.09 **Post-Doctoral Research Fellow**
 - Department of Psychology, General and Experimental Psychology Unit, LMU Munich
- 2018.07 – 2019.09 **Research Supervisor**
 - International Elite Network Bavaria affiliated M.Sc. program in Neuro-cognitive Psychology (NCP), Department of Psychology, LMU Munich

- 2014.04 – 2018.06 **Ph.D. Candidate**
- GSN LMU Munich.
- 2012.10 – 2013.08 **Research Intern**
- Donders Institute, Radboud University Nijmegen, Nijmegen, the Netherlands
- 2008.04 – 2011.08 **Research Assistant**
- Grupo de Neurociencias de Antioquia (GNA) research group, Universidad de Antioquia, Medellín, Colombia
- 2007.05 – 2007.11 **Research Intern**
- Laboratorio de Neurociencias, Universidad del Zulia, Maracaibo, Venezuela
- 2006.08 – 2007.05 **Research Intern Honors Program**
- GNA research group, Universidad de Antioquia, Medellín, Colombia

Most Recent Selected Publications

1. **Ruiz-Rizzo AL**, Pruitt PJ, Finke K, Müller HJ, Damoiseaux JS (*In press*). Lower-Resolution Retrieval of Scenes in Older Adults With Subjective Cognitive Decline, *Archives of Clinical Neuropsychology*, acab061, doi.org/10.1093/arclin/acab061 [[open access](#)]
- Data and scripts [open](#)
2. Küchenhoff S, Sorg C, Schneider SC, Kohl O, Müller HJ, Napiórkowski N, Menegaux A, Finke K*, **Ruiz-Rizzo AL*** (2021). Visual processing speed is linked to functional connectivity between right frontoparietal and visual networks. *European Journal of Neuroscience*, 53, 3362-77. doi.org/10.1111/ejn.15206 [[open access](#)] * equal contribution
- First published as [preprint](#)
- Data and scripts [open](#)
3. Penning MD*, **Ruiz-Rizzo AL***, Redel P, Müller HJ, Salminen T, Strobach T, Behrens S, Schubert T, Sorg C, Finke K (2021) Alertness training increases visual processing speed in healthy older adults. *Psychological Science*, 32(3), 340-353. doi.org/10.1177/0956797620965520 [[open access](#)] * equal contribution
4. Haupt M, **Ruiz-Rizzo AL**, Sorg C, Finke K (2020). Right-lateralized fronto-parietal network and phasic alertness in healthy aging. *Scientific Reports*, 10, 4823. doi.org/10.1038/s41598-020-61844-z [[open access](#)]
- First published as [preprint](#)
5. **Ruiz-Rizzo AL**, Beissner F, Finke K, Müller HJ, Zimmer C, Pasquini L, Sorg C (2020). Human subsystems of medial temporal lobes extend locally to amygdala nuclei and globally to an allostatic-interoceptive system. *Neuroimage*, 207, 116404. doi.org/10.1016/j.neuroimage.2019.116404 [[open access](#)]

- First published as [preprint](#)
- Data and scripts [open](#)

6. **Ruiz-Rizzo AL**, Sorg C, Napiorkowski N, Neitzel J, Menegaux A, Müller HJ, Vangkilde S, Finke K (2019). Decreased cingulo-opercular network functional connectivity mediates the impact of aging on visual processing speed. *Neurobiology of Aging*, 73, 50-60 doi.org/10.1016/j.neurobiolaging.2018.09.014 [[public repository](#)]

Funding

2019.10 – Present	LMUexcellent Post-Doctoral Research Fellow. Funded by the European Union's Framework Programme Horizon 2020 (LMUResearchFellows) and by LMUexcellent, funded by the Federal Ministry of Education and Research (BMBF) and the Free State of Bavaria
2011.09 – 2013.08	Colfuturo National High-Potential Scholarship for Master's Studies Abroad. Colombia
2011.09 – 2013.08	Enlazamundos Regional (Antioquia) High-Potential Scholarship for Master's Studies Abroad. Colombia
2016.06 – 2016.06	FENS-IBRO/PERC Travel Grant to attend the FENS Forum 2016 in Copenhagen. Denmark
2008.11 – 2009.05	Project: Training Course on Executive Functions for Preschool Teachers of the city of Medellín. Talent Young Woman in Science and Technology Award. Colombia
2007.05 – 2007.11	Studentship from the European Commission-funded ALFA Programme. Colombia
2006.11 – 2007.05	Undergraduate thesis project seed grant from the Human and Social Research Center, Universidad de Antioquia. Colombia

Awards and Honors

2020.09	SCHUHFRIED Science Award for the work on "Alertness training increases visual processing speed in healthy older adults". Austria
2020.03	1st Place Poster Presentation Prize (postdoctoral level) at the 10th Annual Graduate and Postdoctoral Research Symposium, Wayne State University. United States
2017.03	2nd Best Talk Prize at the Retreat of the Neurology Department of the Universitätsklinikum Jena. Germany
2013.10	Alejandro Ángel Escobar National Award in Biological Sciences and Physics

for Research of Genetic Alzheimer's Due to E280A Mutation in the presenilin-1 (PS1) Gene in Families of Antioquia. Colombia

- 2008.11 **Outstanding Undergraduate Researcher Award.** Mayoralty of Medellin. Colombia
- 2008.11 **Best Score in the National Higher-Education Quality Exam in Psychology Honor.** Faculty of Human and Social Sciences, Universidad de Antioquia. Colombia
- 2008.08 **Talent Young Woman in Science and Technology Award,** Mayoralty of Medellin. Colombia
- 2007.11 **Dean's Honors List,** Universidad de Antioquia. Colombia
- 2005.10 **Best Advanced Student in Psychology in 2004 Honors,** Universidad de Antioquia. Colombia

Teaching Experience

- 2018.02 – 2019.09 **Lecturer**
- International Elite Network Bavaria affiliated M.Sc. program in Neuro-Cognitive Psychology, Department of Psychology, LMU Munich, Germany
 - Subjects: neuropsychological methods and cognitive neuroscience of aging
- 2010.09 – 2011.08 **Lecturer**
- Department of Psychology, Universidad de Antioquia, Medellín, Colombia
 - Subjects: Theories of the mind; Biopsychology; Neuropsychology
- 2008.01 – 2011.08 **Tutor**
- School of Medicine, Universidad de Antioquia, Medellín, Colombia
 - Subjects: Memory and Amnesias; Language and Aphasias

Professional Activities

Ad Hoc Reviewer for the journals NeuroImage, Cerebral Cortex, Human Brain Mapping, Journal of Cognitive Neuroscience, Journal of the International Neuropsychological Society, Journal of Integrative Neuroscience, Frontiers in Aging Neuroscience, Frontiers in Psychology