

# José Carlos García Alanis, M.Sc.

## *Curriculum Vitae*

### Education

- Jan 2015 – Present     **PhD in Psychology**  
Philipps-Universität Marburg, Germany  
Doctoral Thesis: The electrophysiology of individual differences in executive-dependent decision making: Differential effects of person-environment interactions on goal directed behaviour.
- Oct 2008 – Sep 2014     **Advanced Degree in Psychology**  
Philipps-Universität Marburg, Germany  
5-year programme (M.Sc. equivalent).  
Majors: Biological and Experimental Psychology, Clinical Psychology.

### Research Experience

- Oct 2014 – Present     **Graduate Research Assistant**  
Department of Psychology, Philipps-Universität Marburg, Germany.  
**Lab Manager**  
Neuropsychology Lab. (PI: Martin Peper, PhD), Department of Psychology, Philipps-Universität Marburg, Germany.
- Oct 2018     **Visiting Researcher**  
Baker Lab. for Cognitive Neuroimaging and Stimulation (PI: Travis E. Baker, PhD), Center for Molecular and Behavioral Neuroscience, Rutgers University, NJ.
- Jan 2016 – Apr 2016     **Visiting Researcher**  
McConnell Brain Imaging Centre (PI: Alain Dagher, PhD), Montreal Neurological Institute, McGill University, Montreal, Canada.

### Internships

- May 2014 – Sep 2014     **Clinical Research Intern**  
Dep. of Psychotherapy, Schön Klinik, Bad Arolsen, Germany.
- Sep 2013 – Dez 2013     **Clinical Research Intern**  
Anxiety Disorders Research Group, Department of Psychiatry and Psychotherapy, Charité Universitätsmedizin, Berlin, Germany.

### Skills and Proficiencies

- Programming:     **R** (advanced), **Python** (advanced), **MATLAB** (advanced), **LaTeX** (intermediate).  
                         **Other Software:** SPSS, NBS Presentation, BrainVision Analyzer.
- Language:     **English** (fluent, TOEFL score 92), **German** (fluent, Goethe C2), **Spanish** (native).

## Teaching Experience

Oct 2014 – Present

### **Graduate Teaching Assistant**

Department of Psychology, Philipps-Universität Marburg, Germany.

**2018:** Motivation and Emotional Perspectives on Self-Control.  
Models of Cognitive Control: Functions and Deficits.

**2017:** Empirical Research Internship (Effects of Social Feedback on Cognitive Control).

**2016:** Neuropsychological Disorders in Neurology and Psychiatry.  
Empirical Research Internship (Effects of High-Caloric Food-Cues on Cognitive Control).

**2015:** Neuropsychological Diagnostic and Rehabilitation.

**2014:** Neuroscientific Perspectives on Social Cognition.

## Grants and Awards

2018: **Best Poster Award** at the 44th DGPs/DGPA Tagung Psychologie und Gehirn conference (2018), Gießen, Germany.

2016: **DAAD-IPID4all** Travel Grant for Research Stay at Montreal Neurological Institute, Montreal, Canada.

2015: **DAAD-IPID4all** Travel Grant for 55th Annual Meeting of the Society for Psychophysiological Research (SPR), Seattle, WA

2013: **DAAD-STIBET** Degree Completion Grant.

2011: **DAAD-STIBET** International Students Scholarship (Philipps-Universität Marburg, Germany).

## Outreach and Memberships

Jan 2018 – Present

**Founding Member**, Open Science Initiative University Marburg.

Jul 2015 – Jul 2017

**PhD Students' Representative**, Marburg University Research Academy.

2013:

**International Students' Representative**, International Academic Committee University of Marburg.

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<https://github.com/JoseAlanis/cvlatex>

## Publications

### *Journal Articles*

- García Alanis, J. C.**, Baker, T. E., Peper, M., & Chavanon, M.-L. (*in press*). Social context effects on error-related brain activity are dependent on interpersonal and achievement related traits.
- García Alanis, J. C.**, Güth, M. R., & Peper, M. (*in prep.*). Fronto-parietal oscillations reflect distinct proactive and reactive cognitive control mechanisms in the human brain.
- Güth, M. R., **García Alanis, J. C.**, & Peper, M. (*in prep.*). Electrophysiological correlates of cognitive control during the reappraisal of pain in subjects with psychopathic personality traits.
- Vainik, U., Baker, T. E., Dadar, M., Zeighami, Y., Michaud, A., Zhang, Y., **García Alanis, J. C.**, Misic, B., Collins, D. L., & Dagher, A. (2018). Neurobehavioral correlates of obesity are largely heritable. *Proceedings of the National Academy of Sciences*, 115(37), 9312. <https://doi.org/10.1073/pnas.1718206115>
- Bahn, D., Vesker, M., **García Alanis, J. C.**, Schwarzer, G., & Kauschke, C. (2017). Age-dependent Positivity-Bias in Children's Processing of Emotion Terms. *Frontiers in Psychology*, 8, 1268. <https://doi.org/10.3389/fpsyg.2017.01268>

### *Talks*

- García Alanis, J. C.**, Herholz, P., Leinweber, K., Krause, E., & Krippes, K. (2018, June). Library Carpentry, VDB-Landesverband Hessen (following: [Library Carpentry: software skills training for library professionals](#)). Presentation at Philipps-Universität Marburg, Germany.
- García Alanis, J. C.**, (2018, June). Reproducible science workshop: Practical steps to improve the reproducibility of your research. In Erik M. Müller (Chair), B-EXP-Praktikum H: Modulation muskulärer Reflexe durch emotionale Reize (Open Science Expra). Presentation at the Department of Psychology, Philipps-Universität Marburg, Germany.
- García Alanis, J. C.**, (2016, February). Performance monitoring ERPs in the context of social interaction. In L. Fellows & A. Dagher (Chair), Human Neuroimaging Lab Meeting. Presentation at the Montreal Neurological Institute (Canada), Montreal, QB.
- García Alanis, J. C.**, Chavanon, M.-L., Baker, T. E. & Peper, M. (2015, September). Effects of agentic and affiliative extraversion on electrophysiological measures of performance monitoring during social interaction. In D. Hagemeyer (Chair), Genetics and Biological Foundations. Symposium conducted at the DPPD 13. Arbeitstagung der Fachgruppe Differentielle Psychologie, Persönlichkeitspsychologie und Psychologische Diagnostik (Germany), Mainz, RP.

### *Posters (selected)*

- García Alanis, J. C.**, Güth, M. R., & Peper, M. (2018, May). Fronto-parietal oscillations reflect distinct proactive and reactive cognitive control mechanisms in the human brain. Poster presented at the 44th DGPs/DGPA Tagung Psychologie und Gehirn (Germany), Gießen, HE.
- García Alanis, J. C.**, & Peper, M. (2017, October). The time course of cognitive control: New insight under relaxed linearity assumptions. Poster presented at the 57th Annual Meeting of the Society for Psychophysiological Research (Austria), Vienna, W.

## Publications (continued)

- García Alanis, J. C.**, Chavanon, M.-L., Musci, C., & Peper, M. (2016, August). Fronto-parietal oscillatory patterns reflect preparatory top-down control and active behavioural adaption during a continuous performance task. Poster presentation at the 6th Motivation and Cognitive Control Symposium (Scotland), St. Andrews (FIF).
- García Alanis, J. C.**, Chavanon, M.-L., Baker, T. E., & Peper, M. (2015, October). Agentic and affiliative extraversion differentially modulate the effects of two social contexts on electrophysiological measures of outcome monitoring. Poster presented at the 55th Annual Meeting of the Society for Psychophysiological Research (SPR), Seattle, WA.
- García Alanis, J. C.**, Chavanon, M.-L., Baker, T. E., & Peper, M. (2015, June). Effects of interpersonal motivation and social context on error-related brain potentials. Poster presented at the DGPs/DGPA 41. Tagung Psychologie und Gehirn (Germany), Frankfurt am Main, HE.
- Güth, M. R., **García Alanis, J. C.**, & Peper, M. (2018, May). Keep calm and carry on: Reduced central-parietal positivity and increased resistance to emotional interference in subjects with psychopathic traits during a continuous performance task. Poster presented at the 44th DGPs/DGPA Tagung Psychologie und Gehirn (Germany), Gießen, HE.
- Ronoh, E. K., **García Alanis, J. C.**, Taentzer, G., & Peper, M. (2018, May). Induction of unilateral neglect-like behaviour in healthy subjects: Exploring ambulatory assessment techniques. Poster presented at the 44th DGPs/DGPA Tagung Psychologie und Gehirn (Germany), Gießen, HE.
- Thiele, J.-C., **García Alanis, J. C.**, Molter, A., & Peper, M. (2018, May). Risky behaviour in an Iowa Gambling Task is enhanced by an interpersonal competitive context. Poster presented at the 44th DGPs/DGPA Tagung Psychologie und Gehirn (Germany), Gießen, HE.
- Hammelrath, L., **García Alanis, J. C.**, Güth, M. R., Chavanon, M.-L., & Peper, M. (2016, May). The cognitive consequences of suppressing emotional expression - an ERP study. Poster presented at the DGPs/DGPA 42. Tagung Psychologie und Gehirn (Germany), Berlin, BE.
- Güth, M. R., **García Alanis, J. C.**, Chavanon, M.-L., Hammelrath, L., & Peper, M. (2016, May). Individual differences in reward sensitivity predict dynamic exertion of cognitive control during emotion suppression. Poster presented at the DGPs/DGPA 42. Tagung Psychologie und Gehirn (Germany), Berlin, BE.