

Tony Carricarte
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▪ **EDUCATION**

- May 2020 - present **Doctoral candidate** – Neural Dynamics of Visual Cognition group, Department of Psychology and Education, Free University of Berlin, Berlin, Germany
Thesis project: Laminar activation pattern of V1 and hMT+ during apparent motion perception
Supervisor: Dr. Radoslaw M. Cichy & Prof. Dr. med. Philipp Sterzer
- Oct 2019 – present **Doctoral candidate** – Charité – Universitätsmedizin Berlin, Einstein Center for Neurosciences, Berlin, Germany.
- Sep 2017 – Aug 2019 **Neurasmus: European Master in Neuroscience**, University of Bordeaux, Bordeaux, France
- Sep 2017 – Aug 2019 **Göttingen Graduate School of Neurosciences and Molecular Biosciences**, University of Göttingen, Göttingen, Germany
- GPA: 1.7/1.0
 - Thesis project: Hemisphere-dependent attentional effect on stimulus visibility during generalized flash suppression.
Supervisor: Prof. Dr. Melanie Wilke & Prof. Dr. Stefan Treue
- Sep 2010 – Jul 2015 **Bachelor of Science in Biology**, School of Biology, University of Havana, Cuba
- *Summa cum laude*
 - GPA: 4.93/5.0 (equivalent to 1.0/1.0)
 - Thesis project: Functional connectivity and electroencephalographic differences in two subtypes of Attentional Deficits and Hyperactive Disorder
Supervisor: Dr. Vivian Reigosa Crespo

▪ **PROFESSIONAL EXPERIENCE**

- Sept 2015 – Aug 2017 **Researcher**, Department of Educational Neuroscience, Cuban Center for Neuroscience, Cuba
Head of the department and supervisor: Dr. Vivian Reigosa Crespo
- Project: Technology for the management of neurodevelopmental disorders
- Project: Effects of commercial electrical stimulator on working memory performance

▪ **ADDITIONAL ACADEMIC TRAINING**

- Nov 2019 – Dic 2019 **Research Internship**, Research Group Visual Perception, Department of Psychiatry, Charité – Universitätsmedizin Berlin, Berlin, Germany
Supervisor: Dr. med. Veith Weilhhammer
Head of the group: Prof. Dr. med. Philipp Sterzer
- May 2018 – Jul 2018 **Research Internship**, Cognitive Neuroscience Laboratory, German Primate Center, Göttingen, Germany
Project: Attentional modulation of MT neural activity caused by optogenetic inhibition of the frontal eye field
Supervisor: PhD. Janina Heuer
Head of the department: Prof. Dr. Stefan Treue

- Mar 2018 – May 2018 **Research Internship**, Cognitive Neurology Department, University Medical Center Göttingen, Göttingen, Germany
Project: Pupil dilation in response to the mental effort in a visual discrimination task
Supervisor: MSc. Kristin Kaduk
Head of the department: Prof. Melanie Wilke
- Jan 2018 – Mar 2018 **Research Internship**, Functional Imaging Laboratory, German Primate Center, Göttingen, Germany
Project: Decoding finger representations in the human primary somatosensory cortex
Supervisor: Dr. Renate Schweizer
Head of the department: Prof. Dr. Susann Boretius
- Apr 2017 – May 2017 **Graduate Course**, Modeling the Neural Activity, Cuban Center for Neuroscience, Cuba
- Feb 2016 – Mar 2016 **Graduate Course**, Null Model Statistics, University of Havana, Cuba
- May 2014 – Jun 2014 **Undergraduate Research Internship**, Department of Educational Neuroscience, Cuban Center for Neuroscience, Cuba
Head of the department and supervisor: Dr. Vivian Reigosa Crespo
- Sep 2011 – Jan 2015 **Undergraduate Teaching Assistantship**, Computation for Biological Science, School of Biology, University of Havana, Cuba
Head of the group: Prof. Dr. Andrés Machado García

▪ **PUBLICATIONS & PRESENTATIONS**

Conference proceedings

Carricarte, T., Romero, Y., Reigosa-Crespo, V. (2016). Functional Connectivity and Electroencephalographic Differences in Two Subtypes of Attention-Deficit/Hyperactivity Disorder. *International Journal of Psychophysiology*. Doi: 10.1016/j.ijpsycho.2016.07.240

▪ **AWARDS, GRANTS & SCHOLARSHIPS**

Oct 2019 – Aug 2022 Einstein Center for Neurosciences PhD Fellowship – 63 000 €

Sept 2017 – Aug 2019 Erasmus Mundus Joint Master Degree Scholarship – 49 000 €

▪ **TECHNICAL SKILLS**

Research methods and techniques	fMRI and EEG data preprocessing and analysis (Graph theory, GLM and MVPA)
Programming	C#, Matlab, Python
Video-game Engines	Unity 4.6

▪ **PROFESSIONAL MEMBERSHIPS & AFFILIATIONS**

2015 – present Cuban Society for Neuroscience

2018 – present Association for the Scientific Study of Consciousness

▪ **LANGUAGES**

Spanish	Native
English	C1
German	B1