

Clara Sophie Tepohl

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Education

- Aug 2018 – present: Doctoral Program in Integrative Biology, concentration in Neuroscience at Florida Atlantic University and Max Planck Florida Institute for Neuroscience
- Sep 2016 – Apr 2018: **Master of Science** in Neuroscience in Göttingen (grade 1.7 ≈ GPA of 3.7)
- Oct 2012 – Jul 2016: **Bachelor of Science** in Physics in Heidelberg (grade 1.3 ≈ GPA of 3.96)
- Sep 2014 – Apr 2015: Study abroad at the University of Ottawa, Canada (Baden-Württemberg-Stipend)

Research Experience

- Aug 2018 – present: Ph.D. (Max Planck Florida Institute for Neuroscience, David Fitzpatrick, Ph.D.)
The synaptic basis of binocular integration in the Ferret Primary Visual Cortex
- Oct 2017 – Apr 2018: Master's thesis (Max Planck Florida Institute for Neuroscience, David Fitzpatrick, Ph.D.)
Chronic Functional Imaging of Dendritic Spines in the Ferret Primary Visual Cortex
- May – Jun 2017: Lab Rotation (University Medical Center Göttingen, Prof. Silvio Rizzoli)
Implementation of Dual-color Spectral Demixing dSTORM
- Mar – Apr 2017: Lab Rotation (University Medical Center Göttingen, Prof. Tim Gollisch)
STC Analysis of Salamander Bipolar Cell Membrane Potential Responses to Light
- Jan – Feb 2017: Lab Rotation (MPI Biophysical Chemistry, Dr. Henrik Bringmann)
*Behavior and Neuronal Activity during Isoflurane Anesthesia in *Caenorhabditis elegans**
- Nov 2015 – Mar 2016: Bachelor's thesis (Interdisciplinary Center for Neurosciences, Prof. Hilmar Bading)
Patch Clamp Measurements of Glutamate Receptor Antagonism by Novel Neuroprotective Small Molecule

Employment

- Tutoring undergraduate students for the Beginners Laboratory Physics (2015) and Theoretical Physics II (2016)
- Working at Heidelberg Engineering preparing and digitalizing a study (2013/14)
- Tutoring high school students in mathematics, physics, chemistry, English and German (2008-2011)
- Internships:
- Three-week internship at the company RT-Produktion creating and correcting interactive worksheets for educational films (July 2015)
 - Four-week internship at the Max-Planck-Institute for plasma physics in Munich-Garching (February/March 2013)
 - Four-week internship at the machine factory Kaspar Walter in the department of chemical engineering in the laboratory (August/September 2012)

Funding and Fellowships

- 2018 – 2023: IMPRS for Brain & Behavior Scholarship, fully funded tuition and salary
- 2016 – 2018: IMPRS Neurosciences Stipend, fully funded tuition and salary
- 2014 – 2015: Baden-Württemberg-Scholarship, financial support for study abroad

Service and Outreach

- Jul 2019 – present: External PhD student representative of MPFI for the Max Planck Society PhDnet
- 2019 – 2020: NWIS (Network for Women in Science) MPFI Head of Event Committee
- Apr 2018 – present: Student representative of IMPRS Brain and Behavior
- 2016/17: Vice student representative of IMPRS Neuroscience

STEAM field trip (August 2019)

Mentees on the Move (December 2018)

Representing Max Planck Florida Institute for Neuroscience at the Max-Planck Day in Munich (September 2018)

Brain Blitz at the South Florida Science Center and Aquarium (March 2018)

Languages

Native German speaker, fluency in English and French, familiarity in Spanish