

Olga Kornienko

Education and Positions

- Oct. 2011 -present *PhD in Computational Neuroscience*
Research topic: "Statistical analysis of prefrontal cortex dynamics in decision making and working memory"

BCCN Heidelberg/Mannheim graduate school

SFB 636 graduate school: "Learning, memory, and brain plasticity: Implications for psychopathology", University of Heidelberg
- Oct. 2005 -Aug. 2011 *Diploma in Biomathematics*, University of Greifswald, Germany
Major: Statistics/Stochastics, Genetics
Diploma thesis: "Feedback in EEG Measurements"
Overall degree grade: 1.5
- Jul. 2009 -Dec. 2009 *International student*, Massey University Palmerston North, New Zealand

Poster Sessions

- Oct. 2012 Kornienko O, Ma L, Hyman JM, Seamans JK, Durstewitz D. Reconstructing neural population dynamics during sequence processing in rat prefrontal cortex. Poster Session presented at: Neuroscience 2012, SfN's 42nd annual meeting, 2012 Oct. 13-17, New Orleans, LA.

Work Experience

- Apr. 2010 -Aug. 2010 *Internship*: High-throughput gene expression analysis: Implementation of a Rgui pipeline for biomarker discovery of microarray gene expression data, applying a meta-analysis approach, In Silico Sciences - Biostatistics Roche Diagnostics GmbH, Pharma Research Scientific Informatics, Penzberg, Germany
- Jul. 2009 -Feb. 2010 *Project Computational genomics and phylogenetic inference*:
Evaluation of SATe, a tool for simultaneous sequence alignment and tree estimation, with special regard to ancestral reconstruction, Allan Wilson Centre for Molecular Ecology and Evolution, Massey University Palmerston North, New Zealand
- Nov. 2008 -Apr. 2009 *Student assistant*: Visualization of genomic data, Institute for Microbiology, University of Greifswald, Germany
- Feb. 2009 -Apr. 2009 *Internship*: High-throughput protein expression analysis:

Implementation of a Rgui program for statistical analyses of two-dimensional gel electrophoresis data, Unit for Epidemiology, Biometry and Mathematical Modeling, Federal Institute for Risk Assessment, Berlin, Germany

Sep. 2008 -Oct. 2008

Internship Mathematical modeling of cell growth: The Influence of Temperature as Parameter on Growing Processes of Salmonella in Eggs, Unit for Epidemiology, Biometry and Mathematical Modeling, Federal Institute for Risk Assessment, Berlin, Germany

Conferences and Workshops

Oct. 2012

Society for Neuroscience, 42nd Annual Meeting, New Orleans/ USA