

## CURRICULUM VITAE

### Dorit Kliemann

Email: [dkliemann@uiowa.edu](mailto:dkliemann@uiowa.edu)

#### ACADEMIC POSITIONS

---

##### **The University of Iowa (USA)**

Department of Psychological and Brain Sciences  
Assistant Professor

starting August 2020

##### **California Institute of Technology (USA)**

Division of Humanities and Social Sciences  
Postdoctoral Scholar  
Advised by Ralph Adolphs

09/2017 – 08/2020

##### **Massachusetts Institute of Technology (USA)**

McGovern Institute for Brain Science  
Postdoctoral Fellow  
Postdoctoral Associate  
Advised by John Gabrieli, Rebecca Saxe

10/2015 – 08/2017

10/2013 – 09/2015

##### **Massachusetts General Hospital/Harvard Medical School (USA)**

Athinuola A. Martinos Center for Biomedical Imaging  
Research Fellow  
Advised by Martin Reuter, Bruce Fischl

10/2013 – 08/2017

##### **Freie Universität Berlin (Germany)**

Postdoctoral Researcher  
Advised by Hauke Heekeren

02/2013 – 09/2013

#### DEGREES and EDUCATION

---

##### **Freie Universität Berlin (Germany) &**

2008 - 2013

##### **Max Planck Institute for Human Development (Germany) (2008-2009)**

Dr. phil. in Psychology (summa cum laude)

Thesis: 'Implicit and Explicit Facial Emotion Recognition in Autism:

Insights from Behavior, Gaze and Functional Magnetic Resonance Imaging'

Advised by Hauke Heekeren

##### **University of Bremen (Germany)**

2002 - 2008

Diplom in Psychology (eq. to Master's degree)

#### TEACHING

---

Fall Term 2018/19

Social Psychology (Undergraduate Course), PSY115, California Institute of Technology

Fall Term 2017/18

2017, 2016, 2014

Tutorial Staff at the workshop on FreeSurfer software package at the A. A. Martinos Center for Biomedical Imaging, Charlestown, MA

2009 (Spring)

Experimental Design (Psychology, Freie Universität Berlin, Germany)

## CURRICULUM VITAE

### GRANTS

---

Della Martin Postdoctoral Fellowship <i>2-year Fellowship, BBE Caltech</i>	2018 - 2020
Feodor Lynen Return Fellowship - Humboldt Foundation <i>1-year Fellowship to conduct research in Germany</i>	(declined)
Feodor Lynen Research Fellowship - Humboldt Foundation <i>2-year Postdoctoral Fellowship at MIT/HMS/MGH</i>	2013-2015
DAAD Postdoctoral Stipend for 2013-2015 <i>2-year Postdoctoral Stipend of the German Academic Exchange Service</i>	(declined)
DFG Postdoctoral Fellowship for 2013-2015 <i>2-year Postdoctoral Stipend of the German Research Foundation</i>	(declined)
MISTI MIT-Germany Seed Fund Research visit 03-04/2013 at MIT and Symposium Funding 06/2014 in Berlin	2013/2014
Bremer Studienstiftung e.V. Internship-Stipend Financial support for 6-month internship at MIT	2006
Brede Stiftung Internship Stipend Financial support for 6-month internship at MIT	2006

### AWARDS

---

Cognitive Neuropsychology Travel Award (OHBM 2015)	2015
Heinz-Heckhausen Junior Research Award (DGPs)	2014
Weber-Bosch-Price (Society for Research in Autism Spectrum Conditions)	2014
Junior Research Award (Biological Psychology/Neuropsychology, DGPs)	2012
Society for Neuroscience Graduate Student Travel Award	2011

### AD-HOC REVIEWING

---

Archives of General Psychiatry/JAMA Psychiatry, Autism, Biological Psychiatry, Cerebral Cortex, Cognition and Emotion, Current Biology, European Journal of Child Psychology and Psychiatry, Epilepsia, Frontiers in Human Neuroscience, Human Brain Mapping, Journal of Autism and Developmental Disorders, Journal of Cognitive Neuroscience, Journal of Neuroscience, Journal of Visualized Experiments, Molecular Autism, Neuropsychologia, Neuroimage, Social Cognitive and Affective Neuroscience, Scientific Reports – Nature, Society for Psychology and Philosophy, Epilepsia

### OUTREACH

---

Presenting Autism Research at Caltech, Education Spectrum Open House event, December 3<sup>rd</sup> 2019, Pasadena, CA, USA

Contributions to daily blog sharing perspectives on Autism research presented at the Society for Neuroscience Annual Meeting (<https://www.spectrumnews.org/news/reactions-sfn-2018/>), San Diego, CA, USA, November 5<sup>th</sup>-7<sup>th</sup> 2018

Speaker at “Mental Health Awareness” Panel at the Pasadena City College, CA, USA, November 29<sup>th</sup> 2017

## CURRICULUM VITAE

Invited Podcast Speaker Spectrum News; Spectrum Stories: The secret lives of adults with autism, 16<sup>th</sup> May 2017, <https://spectrumnews.org/features/podcasts/the-secret-lives-of-adults-with-autism/>

Science Saturday for Kids at the MIT Museum of Science, Cambridge, MA, USA, February 2017

Presenting the Social Cognition Training Tool (SCOTT) for individuals in the Autism Spectrum to the public at the “Lange Nacht der Wissenschaften”, Freie Universität Berlin, Germany, 2011, 2012

Co-facilitator (05/2008 – 10/2009) and member (11/2009-2012) of the Autism Research Cooperation ([www.autismusforschungs-koooperation.de](http://www.autismusforschungs-koooperation.de), bringing together adults on the Autism Spectrum and scientist with the goal to jointly design and conduct research projects, relevant to the autistic community)

### INVITED TALKS

---

- |   |            |
|---|------------|
| <i>“From networks to cognition: insights from autism and hemispherectomy”</i><br>University of Iowa (Iowa City, Iowa, USA)  | April 2019 |
| <i>“Functional connectivity after hemispherectomy”</i><br>Johns Hopkins University (Baltimore, MD, USA)   | Feb 2019   |
| <i>“Neural basis of social difficulties in Autism”</i><br>T&C Chen Center for Social and Decision Neuroscience Symposium (Pasadena, CA, USA)  | Feb. 2019  |
| <i>“Brain function in Patients with Hemispherectomy”</i><br>Caltech, BEE Seminar Series (Pasadena, CA, USA)   | Nov. 2018  |
| <i>“Recommendations for Processing of rs-fMRI Data in Agenesis of the Corpus Callosum”</i><br>Cortical Connections 2018 Scientific Meeting (Costa Mesa, CA, USA)                      | July 2018  |
| Emotion & Social Cognition Lab, CalTech (Pasadena, CA, USA)   | June 2016  |
| Social Learning Lab, Stanford University (Palo Alto, CA, USA)   | Sept. 2015 |
| Development of a Socio-emotional Competence Training<br>Workshop: Facial Expressions – Technology – Coding (Berlin, Germany)  | Feb. 2015  |
| Implicit and Explicit Facial Emotion Recognition in Autism Spectrum<br>49. Congress of the German Society for Psychology (DGPs) (Bochum, Germany)                                     | Sept. 2014 |
| Atypical Gaze in Autism<br>Scientific Meeting for Autism spectrum conditions (WTAS) (Frankfurt, Germany)  | March 2014 |
| Social Impairments in Autism Spectrum Disorder:<br>Understanding the underlying behavioral & neural mechanisms<br>Laboratory of Neural Systems, Rockefeller University (NYC, NY, USA) | April 2013 |
| Social Impairments in Autism Spectrum Disorder:<br>Understanding the underlying behavioral & neural mechanisms<br>Social Cognitive Neuroscience Laboratory, MIT (Cambridge, MA, USA)  | April 2013 |

**PEER-REVIEWED PUBLICATIONS**

---

Richards, R., Greimel, E., Kliemann, D., Koerte, I. K., Schulte-Körne, G., Reuter, M., & Wachinger, C. (2020). Increased hippocampal shape asymmetry and volumetric ventricular asymmetry in autism spectrum disorder. *NeuroImage: Clinical*, 26, 102207.

Kliemann, D., Adolphs, R., Tyszka, J. M., Fischl, B., Yeo, B. T., Nair, R., Dubois, J., Paul, L. K. (2019). Intrinsic functional connectivity of the brain in adults with a single cerebral hemisphere. *Cell reports*, 29(8), 2398-2407.

Kliemann, D., & Adolphs, R. (2018). The social neuroscience of mentalizing: challenges and recommendations. *Current Opinion in Psychology*. 24:1-6. doi:10.1016/j.copsyc.2018.02.015.

Kliemann, D., Richardson, H., Anzellotti, S., Ayyash, D., Haskins, A. J., Gabrieli, J. D., & Saxe, R. R. (2018). Cortical responses to dynamic emotional facial expressions generalize across stimuli, and are sensitive to task-relevance, in adults with and without autism. *Cortex*, 103:24-43. doi:10.1016/j.cortex.2018.02.006.

Saygin, Z. M.\*, Kliemann, D.\*, Iglesias, J. E., van der Kouwe, A. J. W., Boyd, E., Reuter, M., Stevens, A., Van Leemput, K., McKee, A., Frosch, M. P., Fischl, B., Augustinack, J. C. (2017). High-resolution magnetic resonance imaging reveals nuclei of the human amygdala: manual segmentation to automatic atlas. *NeuroImage*, 155: 370-382. (\* authors contributed equally to this work)

Anzellotti, S., Kliemann, D., Jacoby, N., Saxe, R. R. (2017) Directed Network Discovery with Dynamic Network Modeling. *Neuropsychologia*, 99: 1-11.

Rosenblau, G., Kliemann, D., Dziobek, I., & Heekeren, H. R. (2017). Emotional prosody processing in Autism Spectrum Disorder. *Social Cognitive and Affective Neuroscience*, nsw118.

Kliemann, D., Jacoby, N., Anzellotti, S., & Saxe, R. R. (2016). Decoding task and stimulus representations in face-responsive cortex. *Cognitive Neuropsychology*, 1-16.

Rosenblau, G., Kliemann, D., Lemme, B., Walter, H., Heekeren, H. R., & Dziobek, I. (2016). The role of the amygdala in naturalistic mentalising in typical development and in autism spectrum disorder. *The British Journal of Psychiatry*, 208(6): 556-564.

Boelte, S., Ciaramidaro, A., Schlitt, S., Hainz, D., Kliemann, D., Beyer, A., Poustka, F., Freitag, C., Walter, H. (2015). Training-induced plasticity of the social brain in autism spectrum disorder. *The British Journal of Psychiatry*, 207 (2) 149-157.

Rosenblau, G., Kliemann, D., Heekeren, H. R., & Dziobek, I. (2015). Approximating implicit and explicit mentalizing with two naturalistic video-based tasks in typical development and autism spectrum disorder. *Journal of autism and developmental disorders*, 45(4), 953-965.

Kliemann, D., Rosenblau, G., Bölte, S., Heekeren, H. R., & Dziobek, I. (2013). Face puzzle—two new video-based tasks for measuring explicit and implicit aspects of facial emotion recognition. *Frontiers in psychology*, 4.

Kliemann, D., Dziobek, I., Hatri, A., Baudewig, J., & Heekeren, H. R. (2012). The role of the amygdala in atypical gaze on emotional faces in autism spectrum disorders. *The Journal of Neuroscience*, 32(28), 9469-9476.

## CURRICULUM VITAE

Hepach, R., Kliemann, D., Grüneisen, S., Heekeren, H. R., & Dziobek, I. (2011). Conceptualizing emotions along the dimensions of valence, arousal, and communicative frequency—implications for social-cognitive tests and training tools. *Frontiers in psychology, 2*.

Kliemann, D., Dziobek, I., Hatri, A., Steimke, R., & Heekeren, H. R. (2010). Atypical reflexive gaze patterns on emotional faces in autism spectrum disorders. *The Journal of Neuroscience, 30*(37), 12281-12287.

Yoshida, W., Dziobek, I., Kliemann, D., Heekeren, H. R., Friston, K. J., & Dolan, R. J. (2010). Cooperation and heterogeneity of the autistic mind. *The Journal of Neuroscience, 30*(26), 8815-8818.

Kliemann, D., Young, L., Scholz, J., & Saxe, R. (2008). The influence of prior record on moral judgment. *Neuropsychologia, 46*(12), 2949-2957.

*Last updated August 2020*