

Curriculum Vitae

Linda T. Betz • Department of Psychiatry and Psychotherapy •
Kerpener Str. 62 • 50937 Köln • E-mail: linda.betz@uk-koeln.de



Personal

Date of Birth	19.12.1993
Place of Birth	Neumarkt i. d. OPf., Germany
Nationality	German
Languages	German (Native), English (fluent), Spanish (fluent), Norwegian (beginner)

Experience

since 11/2020	Co-project leader (together with Dr. Marlene Rosen) in experience sampling study “PhenoNetz”, aimed at phenotyping of transdiagnostic psychopathology in the Early Recognition Center for Mental Disorders, University Hospital of Cologne <i>Tasks:</i> Data management and analysis, patient assessment
since 02/2019	PhD Candidate at the University Hospital of Cologne, Section for Prediction and Prevention of Mental Disorders <i>Topic:</i> Modeling Symptom Networks in the Psychosis-Affective Spectrum, and beyond <i>Supervisor:</i> Prof. Dr. Joseph Kambeitz
02/2018 – 01/2019	Research Assistant at the University Hospital Munich, Section for Neurodiagnostic Applications
08/2017 – 10/2017	Research Project at the University Hospital Munich, Section for Neurodiagnostic Applications <i>Topic:</i> Prediction of Response to Cognitive Training in Elderly Adults – A Machine Learning Approach <i>Supervisors:</i> Prof. Dr. Joseph Kambeitz, Dr. Lana Kambeitz-Illankovic
02/2017 – 04/2017	Research Project at the University Hospital Munich, Section for Neurodiagnostic Applications <i>Topic:</i> A Meta-Analysis of the Iowa Gambling Task in Patients with Schizophrenia <i>Supervisor:</i> Prof. Dr. Joseph Kambeitz
12/2016 – 06/2017	Research Assistant at the University Hospital Munich, Section for Neurodiagnostic Applications
01/2016 – 06/2016	Research Internship at University Hospital Regensburg, Section for Cognitive Neuroscience/Tinnitus Research Center
10/2014 – 03/2015	Research Internship at University Regensburg, Department for

Education

10/2016 – 08/2018	Master of Science in Neuro-Cognitive Psychology, Ludwig-Maximilians-University Munich (final grade 0.83, excellent, best 10%) <i>Master thesis:</i> Causal modeling of risk factors in psychiatry using graphical models
04/2013 – 08/2016	<i>Supervisors:</i> Prof. Dr. Nikolaos Koutsouleris, Prof. Dr. Joseph Kambeitz Bachelor of Science in Psychology University of Regensburg (final grade 1.1, very good, best 5%) <i>Bachelor thesis:</i> Stress Reactivity in Chronic Tinnitus <i>Supervisors:</i> Prof. Berthold Langguth, Dr. Martin Schecklmann
07/2015 – 12/2015	Exchange semester at the University of the Incarnate Word, San Antonio/Texas, USA
09/2004 – 06/2012	Gymnasium Parsberg in 92331 Parsberg, A-levels (final grade 1.0, very good)

Grants & Scholarships

12/2020	Award for best publication at Department of Psychiatry and Psychotherapy, University Hospital of Cologne in 2020 (750€)
11/2020	Köln Fortune – The Research Promotion Program: Grant for “PhenoNetz”-Experience-Sampling-Project (1 year), together with Dr. Marlene Rosen
04/2013 – 08/2018	Scholarship from the German National Academic Foundation
01/2013 – 08/2018	Excellence Scholarship of the State of Bavaria

Reviewer	Psychological Medicine, Early Intervention in Psychiatry
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Publications

First author (* denotes shared first authorship):

Betz, L. T.*, Penzel, N.*, Kambeitz-Ilankovic, L., Rosen, M., ... Kambeitz, J. for the PRONIA consortium (2020). General Psychopathology Links Burden of Recent Life Events and Psychotic Symptoms in a Network Approach. *npj Schizophrenia* (accepted).

Betz, L. T., Penzel, N., Rosen, M., & Kambeitz, J. (2020). Relationships between childhood trauma and perceived stress in the general population: a network perspective. *Psychological Medicine*, 15, 1-11.

Rosen, M.*, Betz, L. T.*, Schultze-Lutter, F., Chisholm, K., ... Kambeitz, J. for the PRONIA consortium (manuscript under review). Towards

Clinical Application of Prediction Models for Transition to Psychosis: A Systematic Review and External Validation Study in the PRONIA Sample. *Neuroscience & Biobehavioral Reviews*.

Kambeitz-Ilankovic, L.*, **Betz, L. T.**,* Dominke, C., Haas, S. S., Subramaniam, K., Fisher, M., ... & Kambeitz, J. (2019). Multi-outcome meta-analysis (MOMA) of cognitive remediation in schizophrenia: Revisiting the relevance of human coaching and elucidating interplay between multiple outcomes. *Neuroscience & Biobehavioral Reviews*.

Betz, L. T., Brambilla, P., Ilankovic, A., Premkumar, P., Raffard, S., ... & Kambeitz J. (2019). Deciphering reward-based decision-making in schizophrenia: A meta-analysis and behavioral modeling of the Iowa Gambling Task. *Schizophrenia Research*, 204, 7-15.

Betz, L. T., Mühlberger, A., Langguth, B., & Schecklmann, M. (2017). Stress reactivity in chronic tinnitus. *Scientific Reports*, 7.

Collaborations:

Müller, H., **Betz, L. T.**, & Bechdolf, A. (2020). A Comprehensive Meta-analysis of the Self-serving Bias in Schizophrenia Spectrum Disorders Compared to Non-clinical Subjects. *Neuroscience & Biobehavioral Reviews*.

Doll C. M., Michel C., **Betz L. T.**, Schimmelmänn B. G., Schultze-Lutter F. (manuscript under review). Stigmatization of depression and psychosis in the community - its relation to mental health literacy and stereotypes. *British Journal of Psychiatry*.

Penzel, N., Antonucci, L.A., **Betz, L. T.**, ..., Kambeitz, J. for the PRONIA consortium (2020). Association between Cannabis Use Initiation Age and Gray Matter Covariance Networks in Recent Onset Psychosis (manuscript under review). *Neuropsychopharmacology*.

Rosen M., **Betz, L. T.**, Kaiser, N., Haidl, T. K., Ruhrmann, S., & Kambeitz, J. (manuscript in preparation). Added Value of Clinical Phenotyping to Parsimonious Prognostic Models for Personalized Outcome Prediction in Risk-Populations.

Teaching

since 11/2020

Teaching assistant for “Multivariate and Neuroimaging Methods in Psychiatry: potential for diagnosis, prognosis and treatment response prediction” for Master course in Psychology at Ludwig-Maximilians-University Munich

04/2020

Workshop “Introduction to R for data management and analysis”, Department of Psychiatry and Psychotherapy, University Hospital Cologne

10/2018

Teaching assistant at the “PRONIA Machine Learning Autumn School”,
University Hospital Munich, Section for Neurodiagnostic Applications

Supervision

Co-supervision of medical doctoral students (together with Prof. Dr. Joseph Kambeitz): current: Simon Herstell, Natalie Hanke, Pilar Albert Porcar, past: Fatameh Filihagh

Supervision of Master students: Ruth Chechelnizki

IT-Skills

Programming

R (very good)

Git (good)

Python (good)

C (basic)

Software

MATLAB (good)

SPM (good)

Linux (basic)
