

# MILAN WIEDEMANN

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## PERSONAL SUMMARY

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I am a PhD candidate at the University of Oxford investigating processes of change in cognitive therapy for Posttraumatic Stress Disorder (PTSD). Testing the theoretical models underpinning cognitive therapy for PTSD has strengthened my understanding of the importance that clinical interventions are rooted in empirical science and continually evaluated and refined through research. I appreciate the importance of innovative research projects testing and evaluating technological advances in health care, particularly in clinical psychology. I value, advocate, and implement open science practices in my work. In addition to my research interests I am enjoying to contribute to open-source software tools that help to visualise and analyse data.

## EDUCATION AND QUALIFICATIONS

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| <b>University of Oxford</b><br>DPhil in Experimental Psychology at the Oxford Centre for Anxiety Disorders and Trauma<br>Thesis: Processes of Change in Cognitive Therapy for Posttraumatic Stress Disorder<br>Supervised by Prof. Anke Ehlers and Prof. David M. Clark | <i>October 2016 - Present</i> |
| <b>Technische Universität Braunschweig</b><br>MSc in Psychology<br>Study focus: Clinical Psychology   | August 2013 - September 2015  |
| <b>Technische Universität Braunschweig</b><br>BSc in Psychology   | August 2011 - September 2013  |
| <b>University of Groningen</b><br>BSc in Psychology   | September 2010 - August 2011  |
| <b>DRK-Rettungsschule Goslar</b><br>Rettungssanitäter (in English 'Paramedic')  | July 2008 - March 2009        |

## CLINICAL & RESEARCH EXPERIENCE

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| <b>University of Oxford</b><br><i>Part-time Research Assistant, Oxford Centre for Anxiety Disorders and Trauma</i>   | <i>October 2016 - Present</i><br><i>Oxford, UK</i>      |
| <ul style="list-style-type: none"><li>• Creating videos for training clinical psychologists in specialised cognitive behavioural treatments</li><li>• Teaching and supervising Research Assistants in filming and editing techniques</li></ul>   |   |
| <b>University of Oxford</b><br><i>Research Assistant, Oxford Centre for Anxiety Disorders and Trauma</i>   | April 2015 - August 2016<br><i>Oxford, UK</i>           |
| <ul style="list-style-type: none"><li>• Production of patient testimonials and educational videos together with clinical psychologists</li><li>• Animation of psycho-educational illustrations</li><li>• Administration of text, video and audio content for online therapy programmes</li></ul> |   |
| <b>Technische Universität Braunschweig</b><br><i>Part-time Research Assistant, Institute of Clinical Psychology</i>  | September 2012 - March 2015<br><i>Braunschweig, GER</i> |
| <ul style="list-style-type: none"><li>• Conducting clinical interviews with adolescents for a longitudinal study</li><li>• Setting up and managing large databases for national and international research teams</li></ul>   |   |

**Local Health Authority Berlin Pankow***Intern, Social Psychiatric Department*

February 2012 - March 2012

*Berlin, GER*

- Conducting initial clinical interviews as well as follow-up interviews under supervision
- Making house calls as part of a multidisciplinary team in emergency situations

**TEACHING EXPERIENCE**

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**University of Oxford***Tutor (8 weeks), Department of Experimental Psychology*

Hilary Term 2020

*Oxford, UK*

- Module: Psychological Disorders and Individual Differences

**University of Oxford***Demonstrator (8 weeks), Department of Experimental Psychology*

Hilary Term 2018

*Oxford, UK*

- Module: Psychological Disorders and Individual Differences

**Technische Universität Braunschweig***Teaching Assistant, Institute of Clinical Psychology*

April 2014 - March 2015

*Braunschweig, GER*

- Module: Practical Course of Psychological Diagnostics
- Module: Fundamentals of Psychological Diagnostics

**Technische Universität Braunschweig***Teaching Assistant, Institute of Methodology and Biopsychology*

September 2012 - January 2014

*Braunschweig, GER*

- Module: Laboratory Experience and Analysis with Statistical Software

**ADDITIONAL EXPERIENCE**

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**Arbeiter-Samariter-Bund Braunschweig***Part-time Paramedic*

May 2010 - March 2015

*Braunschweig, GER*

- Medical care during emergency and non-emergency patient transports

**Arbeiter-Samariter-Bund Braunschweig***Civilian Service*

July 2008 - March 2009

*Braunschweig, GER*

- Training as a 'Paramedic' (in German: Rettungssanitäter)
- Medical care during emergency and non-emergency patient transports

**SCHOLARSHIPS**

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**Mental Health Research UK***Travel Grant*

May 2018

**Wolfson College, University of Oxford***Travel Grant*

June 2017

**Mental Health Research UK***4-year PhD Scholarship*

October 2016

**Erasmus plus***Graduate Student Scholarship*

February 2015

**SELECTED PROFESSIONAL DEVELOPMENT**

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| <b>Berlin Oxford Teaching Alliance for Quantitative Neuroscience</b><br><i>Bernstein Center for Computational Neuroscience Berlin, 2 days</i> | March 2019    |
| <b>Preparing for Teaching in Psychology</b><br><i>University of Oxford, Department of Experimental Psychology, 1 day</i>                      | March 2019    |
| <b>DeGPT Autumn School</b><br><i>Deutschsprachige Gesellschaft für Psychotraumatologie, 4 days</i>  | October 2018  |
| <b>Psychological Networks Summer School</b><br><i>University of Amsterdam, 5 days</i>   | August 2018   |
| <b>Summer School of Advanced Quantitative Methods</b><br><i>University of Oxford, Department of Education, 5 days</i>                         | May 2018      |
| <b>Testing for Mediation and Moderation Using Mplus</b><br><i>Figure It Out - Statistical Consultancy and Training, 1 day</i>                 | June 2017     |
| <b>Multilevel Analysis for Longitudinal Data</b><br><i>Universität Landau, Methodenzentrum, 3 days</i>  | February 2016 |
| <b>Structural Equation Models for Longitudinal Data</b><br><i>Universität Landau, Methodenzentrum, 2 days</i>                                 | February 2016 |

## TECHNICAL STRENGTHS & OTHER SKILLS

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| <b>Statistics &amp; Data science</b> | R, Mplus, Python, JASP, jamovi, SPSS                |
| <b>Software development</b>          | Git, Continuous integration, Shiny                  |
| <b>Scientific writing</b>            | R Markdown, Zotero, LaTeX, BibTeX, Microsoft Office |
| <b>Video &amp; Audio editing</b>     | Final Cut X, Audacity, iZotope RX                   |
| <b>Languages</b>                     | German (native), English (fluent)                   |

## PUBLICATIONS

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### Peer-reviewed

1. **Wiedemann, M.**, Stott, R., Nickless, A., Beierl, E. T., Wild, J., Warnock-Parkes, E., Grey, N., Clark, D. M. & Ehlers, A. Cognitive processes associated with sudden gains in cognitive therapy for posttraumatic stress disorder in routine care. *Journal of Consulting and Clinical Psychology*. doi:10.1037/ccp0000488 (2020).
2. **Wiedemann, M.**, Thew, G. R., Stott, R. & Ehlers, A. suddengains: An R package to identify sudden gains in longitudinal data. *PLOS ONE*. doi:10.1371/journal.pone.0230276 (2020).
3. Kosir, U., **Wiedemann, M.**, Wild, J. & Bowes, L. Psychiatric disorders in adolescent cancer survivors: A systematic review of prevalence and predictors. *Cancer Reports*, e1168. doi:10.1002/cnr2.1168 (2019).
4. Kosir, U., **Wiedemann, M.**, Wild, J. & Bowes, L. Cognitive Mechanisms in Adolescent and Young Adult Cancer Patients and Survivors: Feasibility and Preliminary Insights from the Cognitions and Affect in Cancer Resiliency Study. *Journal of Adolescent and Young Adult Oncology*. doi:10.1089/jayao.2019.0127 (2019).
5. Wild, J., Warnock-Parkes, E., Grey, N., Stott, R., **Wiedemann, M.**, Canvin, L., Rankin, H., Shepherd, E., Forkert, A., Clark, D. M. & Ehlers, A. Internet-delivered cognitive therapy for PTSD: A development pilot series. *European Journal of Psychotraumatology* **7**. doi:10.3402/ejpt.v7.31019 (2016).

## Software

1. *lcs*m: An R package for latent change score modeling (2020). <https://milanwiedemann.github.io/lcsm/>.
2. *suddengains*: An R package to identify sudden gains in longitudinal data (2020). <https://milanwiedemann.github.io/suddengains>.

## PRESENTATIONS

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### Conference presentations

1. **Wiedemann, M.**, Thew, G. R., Stott, R. & Ehlers, A. Automating the identification of sudden gains within psychological therapy datasets: A new R package. *World Congress of Behavioural and Cognitive Therapies, Berlin, Germany* (2019).
2. **Wiedemann, M.**, Stott, R., Nickless, A., Beierl, E. T., Wild, J., Warnock-Parkes, E., Grey, N., Clark, D. M. & Ehlers, A. Cognitive processes of sudden gains in cognitive therapy for PTSD in routine clinical care. *World Congress of Behavioural and Cognitive Therapies, Berlin, Germany* (2019).
3. **Wiedemann, M.**, Janecka, M., Wild, J., Warnock-Parkes, E., Stott, R., Grey, N., Clark, D. M. & Ehlers, A. A test of theory-derived mediators of clinical improvement in cognitive therapy for PTSD. *World Congress of Behavioural and Cognitive Therapies, Berlin, Germany* (2019).
4. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Predictors and processes of sudden gains in cognitive therapy for PTSD. *European Association for Behavioural and Cognitive Therapies, Ljubljana, Slovenia* (2017).

### Talks

1. **Wiedemann, M.** My journey from error messages to R Packages - Building tools to improve reproducibility and productivity in clinical psychology. *R User Group Oxford, UK* (2020).
2. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Processes of change in cognitive therapy for PTSD - Taking a closer look at how therapy works. *University of Pennsylvania, DeRubeis Lab* (2018).
3. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Processes of change in cognitive therapy for PTSD - Sudden symptom improvements during therapy. *University of Groningen, WEIRD Seminar Series* (2018).
4. **Wiedemann, M.**, Clark, D. M. & Ehlers, A. Sudden gains in cognitive therapy for PTSD - Can large and stable improvements between sessions help us understand how therapy works? *University of Exeter, Mood Disorder Centre, The Think-Tank Seminar* (2018).
5. **Wiedemann, M.** Digital methods in internet-delivered cognitive therapy for PTSD: Results from a pilot study. *Local Health Authority Berlin Pankow* (2016).
6. **Wiedemann, M.** Mental health care in England - Overview of the improving access to psychological therapies (IAPT) programme. *Local Health Authority Berlin Pankow* (2015).