



## Curriculum Vitae: Jessica Fritz

Douglas House  
18B Trumpington Road  
Cambridge CB2 8AH  
United Kingdom

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### PERSONAL

Date of birth 12-06-1992  
Place of birth Kassel, Germany  
E-mail jf585@cam.ac.uk

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### EDUCATION

2016 - present PhD in Psychiatry, at Cambridge University  
2014 - 2016 Research Masters in Clinical and Health Psychology at Leiden University, mean grade = 8.75  
2015 - 2016  
Research Masters Thesis, in the Department of Psychiatry at the University of Cambridge: *'The Neural Basis of Social Support Following Exposure to Childhood Adversities'*, grade = 9  
2015 - 2016  
Research Masters Internship, in the Department of Psychiatry at the University of Cambridge: statistical seminars, clinical interviewing and assessment trainings, attending symposia, research planning, participant recruitment, participant assessments using clinical, cognitive and neuroimaging techniques, as well as data analysis, grade = 9.5  
2011 – 2014 Bachelor in Psychology at Leiden University, mean grade = 8.17  
2013 – 2014  
Honours Research Bachelors Project: *'Dynamic Testing, Static Testing and Cognitive Flexibility in Relation to School Achievement of 7- to 9 Year Old Children'*, grade = 9

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### FUNDING

2017 Travel Grant for my Young Researcher Talk at the 3rd International Symposium on Resilience Research (339,45€)  
2017 MRC DTP Flexible Supplement Fund for a 1-week internship with Eiko Fried at the University of Amsterdam PsychoSystems Group (£1730.00)  
2016 3.5 year Pinsent Darwin Fund (£52,500) + 3 year 2k Sackler Fund (£6,000)  
2016 3 year MRC Doctoral Training Grant (~ £7.857 annually)  
2016 MRC DTP Training Support/Additional Allowances Fund (£5,300)  
2015 Erasmus Internship Scholarship (1,560 €)

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### PUBLICATIONS (submitted/ under review)

2019 **Fritz, J.**, Stochl, J., Fried, E. I., Goodyer, I. M., van Borkulo, C. D., Wilkinson, P. O., & van Harmelen, A.-L. (2019). Resilience Factor Changes between Early and Late Adolescence. *Manuscript under review*. Pre-print available from: <https://osf.io/rk8d7>  
- Analysis code is available from: [http://jessica-fritz.com/?page\\_id=31](http://jessica-fritz.com/?page_id=31)  
2019 Schlechter, P.,\* **Fritz, J.**,\* & Wilkinson, P. O. (2019). Exploring Ways of Measuring Childhood Adversity: A Comparison of Presence vs. Absence,

Severity and Frequency Indicators. *Manuscript under review*. Pre-print available from: <https://osf.io/zf8r9/>

- Analysis code is available from: [http://jessica-fritz.com/?page\\_id=31](http://jessica-fritz.com/?page_id=31)

-\*shared first author

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## PUBLICATIONS (published/ in press)

- 2018 **Fritz, J.**, Fried, E. I., Goodyer, I. M., Wilkinson, P. O., van Harmelen, A.-L. (2018). A Network Model of Resilience Factors for Adolescents with and without Exposure to Childhood Adversity. *Scientific Reports*, 8: 15774. <https://doi.org/10.1038/s41598-018-34130-2>
- Analysis code is available from: [http://jessica-fritz.com/?page\\_id=31](http://jessica-fritz.com/?page_id=31)
- 2018 **Fritz, J.**, de Graaff, A.-M., Caisley, H., van Harmelen, A.-L., & Wilkinson, P. O. (2018). A Systematic Review of Amenable Resilience Factors that Moderate and/ or Mediate the Relationship between Childhood Adversity and Mental Health in Young People. *Frontiers in Psychiatry. Special Issue: Resilience, Life Events, Trajectories and The Brain*, 9: 230. <https://doi.org/10.3389/fpsy.2018.00230>
- 2019 **Fritz, J.**, Stretton, J., Askelund, A. D., Walsh, N., Schweitzer, S., Elzinga, B. E., Goodyer, I. M., Wilkinson, P. O. & van Harmelen, A.-L. (2019). Mood and Neural Responses to Social Rejection Do not Seem to Be Altered in Resilient Adolescents with a History of Adversity. *Development and Psychopathology*, 1-13. <http://dx.doi.org/10.1017/S0954579419000178>
- 2019 Kalisch, R., Cramer, A. O. J. Binder, H., **Fritz, J.**, Leertouwer, I., Lunansky, G., Meyer, B., Timmer, J., Veer, I. M., & van Harmelen, A.-L. (2019). Deconstructing and reconstructing resilience: a dynamic network approach. *Perspectives on Psychological Sciences*. <https://doi.org/10.5281/zenodo.3228687>
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## PROTOCOLS

- 2017 **Fritz, J.**, van Harmelen, A.-L., & Wilkinson, P. O. *RESIST – Resilience Study: What Helps Students to Adapt to Exam Stress?* Approved on the 20<sup>th</sup> of December 2017 by the Cambridge Psychology Research Ethics Committee. PRE.2017.096
- 2016 **Fritz, J.**, de Graaff, A. M., Caisley, H., van Harmelen, A.-L., & Wilkinson, P. O. Resilience following Childhood Adversity (CA): A Systematic Review of Resilience Factors which Mitigate the Risk of Psychopathology after the Exposure to CA. PROSPERO: International prospective register of systematic reviews. 2016. CRD42016051978. Available from: [https://www.crd.york.ac.uk/prospéro/display\\_record.php?RecordID=51978](https://www.crd.york.ac.uk/prospéro/display_record.php?RecordID=51978)
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## PRESENTATIONS

- 2019 **Fritz, J.**, (2019, 18<sup>th</sup> July). *Unravelling the Complex Nature of Resilience Factors (RFs) following Childhood Adversity: An Investigation of RF Mean Levels and RF Interrelations during Adolescence*. Presented at the 9th World Congress of Behavioural and Cognitive Therapies, Berlin, Germany.
- 2019 **Fritz, J.**, (2019, 07<sup>th</sup> February). *Unravelling the Complex Nature of Resilience Factors (RFs) following Childhood Adversity: An Investigation of RF Mean Levels and RF Interrelations during Adolescence*. Presented at the Johannes Gutenberg University Medical Center, Mainz, Germany.

- 2018 **Fritz, J.**, (2018, 21<sup>st</sup> November). *Do Resilience Factors (RFs) Fluctuate from Early to Late Adolescence? An Investigation of RF Interrelations and RF Mean Levels*. Presented at the Cambridge Psychiatry Symposium: Showcasing Graduate Research, Trinity College, University of Cambridge, Cambridge, UK.
- 2018 **Fritz, J.**, Fried, E. I., Goodyer, I. M., Wilkinson, P. O., & van Harmelen, A.-L. (2018, 09<sup>th</sup> March). *A Network Model of Resilience Factors for Adolescents with and without Exposure to Childhood Adversity*. Presented at the Neuroscience in Psychiatry Network (NSPN) Scientific Meeting, Douglas House, Department of Psychiatry, University of Cambridge, Cambridge, UK.
- 2017 **Fritz, J.**, Fried, E. I., Goodyer, I. M., Wilkinson, P. O., & van Harmelen, A.-L. (2017, 14<sup>th</sup> December). *Using network models to reveal behavioural resilience structures*. Presented at the Cambridge Resilience Symposium, Douglas House, Department of Psychiatry, University of Cambridge, Cambridge, UK.
- 2017 **Fritz, J.**, Fried, E. I., Goodyer, I. M., Wilkinson, P. O., & van Harmelen, A.-L. (2017, 28<sup>th</sup> September). *Unravelling the Complexity of Resilience: A Network Model of Putative Resilience Factors for Adolescents with and without Childhood Adversity*. Presented at the 3rd International Symposium on Resilience Research, Mainz, Germany.
- 2017 **Fritz, J.**, van Harmelen, A.-L., & Wilkinson, P. O. (2017, 02<sup>nd</sup> August). *Mental Health Resilience to Exam Distress*. Presented at the Medical Education Research Group Meeting, Primary Care Unit, University of Cambridge, Cambridge, UK.
- 2017 **Fritz, J.** (2017, 09<sup>th</sup> March). *Unravelling the Complex Concept of Resilience*. Presented at the Neuroscience in Psychiatry Network (NSPN) Scientific Meeting, Chicheley Hall, Milton Keynes, UK.

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## POSTERS

- 2019 **Fritz, J.**, Stochl, J., Fried, E. I., Goodyer, I. M., van Borkulo, C. D., Wilkinson, P. O., & van Harmelen, A.-L. (2019, March). *Resilience Factor Changes between Early and Late Adolescence*. Poster presented at the International Convention for Psychological Sciences, Paris, France.
- 2017 **Fritz, J.**, Fried, E. I., Goodyer, I. M., Wilkinson, P. O., van Harmelen, A.-L. (2017, September). *Unravelling the Complexity of Resilience: A Network Model of Putative Resilience Factors for Adolescents with and without Childhood Adversity*. Poster presented at the 6<sup>th</sup> Cambridge Neuroscience Biennial Symposium: Neural Networks in Health and Disease, University of Cambridge, Cambridge, UK.
- 2016 **Fritz, J.**, Stretton, J., Walsh, N., Schweitzer, S., Dalgleish, T., Elzinga, B. E., Goodyer, I. M., & van Harmelen, A.-L. (2016, July). *The Neural Basis of Social Support following Exposure to Childhood Adversities*. Poster presented at the Science Symposium of the Faculty of Social and Behavioural Sciences, Leiden University, The Netherlands.
- 2014 Resing, W. C. M., Stad, F. E., & **Fritz, J.** (2014, July). *Dynamic Testing, Static Testing and Cognitive Flexibility in Relation to School Achievement of 7- to 9 Year Old Children*. Poster presented at the Science Symposium of the Faculty of Social and Behavioural Sciences, Leiden University, The Netherlands.

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## ORGANIZED SYMPOSIA AND OTHER OUTREACH

- 2018 I was part of the organization committee of the 1st International Spring

- School on Resilience Research (May 21 – 25, 2018, Seon Abbey, Germany). See: <https://www.german-resilience-center.uni-mainz.de/1st-international-spring-school-on-resilience-research/>
- 2017 I wrote parts of Dr. Anne-Laura van Harmelen’s resilience module of a Mental Health MOOC for adolescents (Massive Open Online Course, led by the University of Groningen). Available at: <https://www.futurelearn.com/courses/young-people-mental-health#section-topics>
- 2016 **Fritz, J.,** Kalisch, R., & van Harmelen, A.-L. (2016, December). *Examining Resilience in Longitudinal Cohort Studies using Multi-Modal Data Analysis*. Symposium conducted at the University of Cambridge, Cambridge, United Kingdom.
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## TRAININGS

### Statistical

- 2019 Longitudinal Structural Equation Modelling, Summer Stats Camp, Albuquerque
- 2019 An Introduction to Machine Learning, University of Cambridge
- 2018 Multiple Imputation Autumn School, Stats Camp London
- 2018 Bayesian Statistics Summer School, Utrecht University
- 2018 Resilience Research Spring School, Deutsches Resilienz Zentrum (i.e. German Resilience Center)
- 2017 Network Analysis Winter School, University of Amsterdam
- 2015 Matlab Introduction for Beginners, University of Cambridge
- 2015 Introduction to Statistics with R, University of Cambridge
- 2015 R Programming, John Hopkins University, Coursera Course

### Scientific Management

- 2018 Leadership Workshop, University of Cambridge
- 2017 Managing Research Effectively and Reproducibly, University of Cambridge
- 2016 How to Conduct Clinical Research Studies, University of Cambridge
- 2015 Good Clinical Practice, University of Cambridge

### Clinical Assessment

- 2016 MRI Preprocessing, University of Cambridge
- 2016 MRI Safety, University of Cambridge, Cognition and Brain Sciences Unit
- 2015 MRI Safety, University of Cambridge, Wolfson Brain Imaging Centre
- 2015 Structured Clinical Interview for the DSM (SCID), University of Cambridge
- 2015 Wechsler Abbreviated Scale of Intelligence (WASI), University of Cambridge
- 2013 Cambridge Neuropsychological Test Automated Battery (CANTAB), Center for Human Drug Research
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## EXTRACURRICULAR

### Committee Involvement

- 2018 - 2019 MRC PhD Student Committee

2017 - 2018            Treasurer for the Cambridge University Refugee Aid and Action Society

### **Research Achievements**

2013 - 2015            Research Assistant, at the Center for Human Drug Research (CHDR) in Leiden, The Netherlands: EEG and cognitive assessments, conduction of pain experiments, and data management

### **Clinical Achievements**

2014                    Summer Internship, in the Neuropediatric Department of the 'Klinikum Kassel' Hospital in Kassel, Germany: cognitive, socio-emotional and behavioural diagnostic testing

2013                    Summer Internship, in the Psychiatry Department of the 'Reinhard-Nieter' Hospital in Wilhelmshaven, Germany: clinical assessments, shadowing of clinical interviews (e.g. SCID), shadowing of group and individual therapy sessions

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### **SKILLS**

#### **Computer Expertise**

- R
- Matlab
- EQS
- SPSS
- E-Prime
- MS Office
- Qualtrics
- RedCap

#### **Language Expertise**

- German: native
- English: fluent, TOEFL grade = 115/120
- Dutch: fluent, NT2 grade = 92%

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Cambridge, 18.07.2019



Jessica Fritz