



Curriculum Vitae: Jessica Fritz

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

PERSONAL

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

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

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 €)

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
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

-*shared first author

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
- 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. *Manuscript accepted in Perspectives on Psychological Sciences*.
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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 20th 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/prospero/display_record.php?RecordID=51978
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PRESENTATIONS

- 2019 **Fritz, J.**, (2019, 07th 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, 21st 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, 09th 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, 14th 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, 28th 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, 02nd 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, 09th March). *Unravelling the Complex Concept of Resilience*. Presented at the Neuroscience in Psychiatry Network (NSPN) Scientific Meeting, Chicheley Hall, Milton Keynes, UK.

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 6th Cambridge Neuroscience Biennial Symposium: Neural Networks in Health and Disease, University of Cambridge, Cambridge, UK.
- 2016 **Fritz, J.**, Stretton, J., Walsh, N., Schweitzer, S., Dalglish, 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.

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, Seeon 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 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

- 2017 - present 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
- EQS
- E-Prime
- Qualtrics
- Matlab
- SPSS
- MS Office
- RedCap

Language Expertise

- German: native
 - English: fluent, TOEFL grade = 115/120
 - Dutch: fluent, NT2 grade = 92%
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Cambridge, 18.05.2019



Jessica Fritz