

## Curriculum Vitae (25<sup>th</sup> April, 2020)

### 1. Personal Information

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Name: Eva Patricia Unternaehrer  
 Date of birth: 21<sup>st</sup> of April, 1984  
 Nationality: Swiss  
 Marital Status: Married  
 Children: Milo Noam Horisberger, 4<sup>th</sup> of March, 2017

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 ResearchGate: [https://www.researchgate.net/profile/Eva\\_Unternaehrer](https://www.researchgate.net/profile/Eva_Unternaehrer)  
 Google Scholar: <https://scholar.google.ch/citations?user=9AZkmKEAAAAAJ&hl=en>

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### 2. Education

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08/2010 – 02/2014 Doctoral Studies in Psychology (PhD Diploma, *summa cum laude*)  
 Date of Defense: 25.02.2014  
 Advisors: Prof. Dr. Roselind Lieb, Prof. Dr. Gunther Meinlschmidt  
 Thesis Title: "Psychosocial Stress and DNA Methylation – Implications for Risk and Resilience"  
 Department of Psychology, University of Basel, Switzerland

09/2008 – 08/2010 Graduate Studies in Psychology (M.Sc. Diploma)  
 Major in Cognitive and Brain Sciences  
 Advisor: Prof. Dr. Klaus Opwis, Prof. Dr. Pasquale Calabrese  
 Department of Psychology, University of Basel, Switzerland

09/2005 – 08/2008 Undergraduate Studies in Psychology (B.Sc. Diploma)  
 Department of Psychology, University of Basel, Switzerland

### 3. Employment History

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Since 06/2019 Senior Researcher and Lecturer at the Child and Adolescent Research Department (Advisor: Prof. Christina Stadler), current (60%)  
 Psychiatric University Clinics, University of Basel, Basel, Switzerland

Since 02/2018 Postdoctoral Researcher and Lecturer (current) at the Division of Clinical Neuropsychology (Advisor: Prof. Jens Pruessner), current  
 Department of Psychology, University of Constance, Constance, Germany  
 02/2018 – 05/2019 80% pensem  
 06/2019 – 12/2019 25% pensem  
 since 01/2020 20% pensem

12/2015 – 02/2017 Postdoctoral Researcher at the Ludmer Centre for Neuroinformatics and Mental Health (Advisor: Prof. Michael Meaney)  
 Douglas Mental Health University Institute, McGill University, Montréal, Canada

06/2014 – 11/2015 Postdoctoral Researcher at the Douglas Mental Health University Institute (Advisor: Prof. Michael Meaney), Early Postdoc.Mobility Fellowship  
 McGill University, Montréal, Canada

04/2011 – 04/2014 Doctoral Researcher at the Division of Clinical Psychology und Epidemiology (Advisors: Prof. Roselind Lieb, Prof. Gunther Meinlschmidt)  
 Department of Psychology, University of Basel, Switzerland

#### 4. Institutional Responsibilities

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03/2013 – 04/2014 Workgroup for the course evaluation at the University of Basel, Switzerland  
 02/2013 – 04/2014 Committee for the evaluation of doctoral programmes at the University of Basel, Switzerland

#### 5. Approved Research Projects

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06/2014 – 11/2015 “Epigenetics and the Intergenerational Transmission of Maternal Care”  
 Early Postdoc Mobility Fellowship  
 awarded by Swiss National Science Foundation (85'500 CAD)

#### 6. Supervision of Junior Researchers

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Basel University  
 Psychiatric Clinics,  
 Switzerland  
 Since 06/2019 EU Project: femNAT-CD and START NOW – Evaluation of a Skillstraining for children and adolescents suffering from CD and ODD”  
 Supervision of Masterstudents in data analysis and thesis writing  
 Ilaria Cino; Tabea Mueller; Alexandra Schmid; Sophie Schnell; Florence Schuhmacher

Basel University  
 Psychiatric Clinics,  
 Switzerland  
 Since 06/2019 Project “SMARTIES – Study of Mobile Phone Addiction, Relationship Ties, Social Interactions, Emotion Regulation, and Stress”  
 Supervision, Coordination and Training of Masterstudents and Interns  
 Lea Dabis (I); Carla Holzapfel

University of  
 Constance,  
 Germany  
 Since 02/2018 Project “Early Life Adversity, the HPA axis, and Metabolic Health”  
 Supervision of Bachelorstudents (BS) and interns (I), teaching and training of PhD students (PhD, focus: method & statistics)  
 Ulrike Bentele (PhD); Daniela DeAngelis (I); Bernadette Denk (PhD); Maria Meier (PhD); Ira Wendland (BS)

McGill University,  
 Montreal, Canada  
 06/2014 – 02/2017 CIHR Project “Maternal Adversity, Vulnerability and Neurodevelopment Project”  
 Teaching and training of PhD students (focus: method & statistics)  
 Andrée-Anne Bouvette-Turcot; Lawrence Ming Chen

University of Basel,  
 Switzerland  
 04/2011 – 04/2014 SNSF Project “Psychotherapy and Psychobiology of Globus Sensations”  
 Supervision, Coordination and Training of Masterstudents in various methods and research skills  
 Lara Büechi; Regula Gerber; Stephanie Greub; Lisa Hochstrasser; Nina Kind; Isabelle Kuchler; Canan Oezden; Melanie Sonderegger; Rebekka Theill; Andrea Wegmüller; Janine Weibel

#### 7. Teaching

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09/20 One day intensive Course “Introduction to Neuroscience Research – The Epigenetics of Mental Disorders”, Faculty of Biology, University of Barcelona  
 Invitation as Expert in the Field of Behavioral Epigenetics

since 06/2020  
 University of Basel AG Stadler Masterkolloquium Seminar Series (15 students; HS19, FS20)  
 Scientific input, discussion, feedback; teaching of science skills

since 02/2018  
 University of Constance R Basics Bootcamp Series (20-30 students; SS18, WS18, SS19, WS19)  
 Basics of R coding and simple statistics

since 02/2018  
 University of Constance Selected Statistical Models in R (20-30 students; SS18, WS18, SS19, SS20)  
 R coding of selected statistical models, including Linear/non-linear regression, AN(C)OVA, multilevel mixed models, logistic regression, factor analysis, clustering techniques

08/13 – 02/2014  
 University of Basel Behavioral Epigenetics Seminar (25 students, HS13)  
 Introduction into the novel field of behavioral epigenetics, focus on psychosocial stress and DNA methylation

**8. Memberships in panels, boards,**


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12/2015 – 02/2017	LORIS epigenomics work group, Ludmer Centre for Neuroinformatics and Mental Health, Montreal, Canada
Reviewing Activities	Developmental Psychiatry Archives of Women's Mental Health Frontiers in Psychology Neuroscience and Biobehavioral Reviews Psychophysiology Translational Psychiatry

**9. Active Memberships in Scientific Societies, Fellowships**


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none

**10. Organization of Conferences**


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08/2020	Neurobiology of Parenting, Stockholm, Sweden "The Parental Brain" (200 attendees expected)
11/2014	Two-day Student Researcher Meeting in Montréal, Canada "Maternal Adversity, Vulnerability and Neurodevelopment Study – Current Research Projects" (20 attendees)
09/2009	sesam Summer School, Basel, Switzerland "Human Development: A Biopsychosocial Perspective" (50 attendees)

**11. Prizes, Awards, Fellowships**


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since 02/2020	antelope career program for highly qualified female postdoctoral researchers University of Basel, Switzerland
07/2018	Wiley Young Investigator Prize Annual Meeting of the International Society for Neuroendocrinology Toronto, Canada
09/2015	Best Poster Prize Annual Meeting of the International Society for Psychoneuroendocrinology Edinburgh, Scotland
05/2012 – 04/2013	PhD mentoring und training excellent doctoral candidates (Dissplus) University of Basel, Switzerland
03/2009	Deutsche Gesellschaft für Psychophysiology und ihre Anwendung (DGPA) Fellowship invitation for Spring School "The ABC of Stress: Biopsychological Assessment, Basics and Consequences" in Dresden, Germany

**12. Career Breaks**


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03/2017 – 02/2018	Maternal Leave (Milo, 4.3.2017)
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**13. Skills**


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Assessment Methods	Psychophysiology (skin conductance, heart rate, respiration, EMG, biopac, mindware, e-prime); Standardized Structured Clinical Interview
Statistics	Broad spectrum of different multivariate statistics, multilevel models, Machine Learning, R, R-studio, SPSS, JASP, bioinformatics (Genetics/Epigenetics)
Wet Laboratory	Preanalytics of Blood, Saliva, Buccal Cells, DNA extraction, analysis of DNA methylation, DNA quantification, Salivary Cortisol- and Alpha Amylase analysis (ELISA)
Other Skills	Project Management, National and International Networking