

Curriculum Vitae (July, 2023)

Personal Information

Name: Eva Patricia Unternaehrer
 Date of birth: 21st of April, 1984

Research Profiles: [ORCID: 0000-0002-3507-1883](#); [ResearchGate](#); [Google](#); [Open Science Framework](#); [Website](#)

Current Position Senior Researcher
 Child- and Adolescent Research Department (AG Stadler)
 Psychiatric University Hospitals Basel (UPK)

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Education

02/2018 – 11/2020 **Postdoctoral Studies**; Advisor: Prof. Dr. Jens C. Pruessner
 Department of Psychology, University of Constance, Germany

06/2014 – 02/2017 **Postdoctoral Studies**; Advisor: Prof. Dr. Michael J. Meaney
 Douglas Mental Health University Institute, McGill University, Montréal, Canada

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

09/2008 – 08/2010 **Graduate Studies** in Psychology (M.Sc. Diploma)
 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

Employment History

Since 06/2019 **Senior Researcher** at the Child and Adolescent Research Department;
 Psychiatric University Clinics, University of Basel, Basel, Switzerland

Since 11/2020 **Lecturer** at the Department of Psychology, University of Constance, Germany
 Work Penum: 2-4 Semester Week Hours (Seminars)

Since 09/2019 **Lecturer** at the Department of Psychology, University of Basel, Switzerland
 Work Penum: 2-4 Semester Week Hours (Seminars and Masterprojects)

02/2018 – 11/2020 **Postdoctoral Researcher** at the Department of Psychology, University of Constance, Germany

12/2015 – 02/2017 **Postdoctoral Researcher** at the Ludmer Centre for Neuroinformatics and Mental Health, Douglas Mental Health University Institute, McGill University, Montréal, Canada

- 06/2014 – 11/2015 **Postdoctoral Researcher** at the Douglas Mental Health University Institute on an Early Postdoc.Mobility Fellowship (SNSF), McGill University, Montréal, Canada
- 04/2011 – 04/2014 **Doctoral Researcher** at the Division of Clinical Psychology und Epidemiology, Department of Psychology, University of Basel, Switzerland
- 10/2010 – 04/2011 **Student Assistant** at the National Center of Competence in Research: Swiss Ethiological Study of Adjustment and Mental Health (NCCR sesam) and the Division of Clinical Psychology und Epidemiology, Department of Psychology, University of Basel, Switzerland

Institutional Responsibilities

- Since 09/2022 Research Coordination Group at the UPK Basel, Switzerland
- Since 08/2021 ScienceXChange at the UPK Basel, Switzerland
- 12/2015 – 02/2017 LORIS epigenomics work group, Ludmer Centre for Neuroinformatics and Mental Health, Montreal, Canada
- 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
- 04/2011 – 04/2014 Assistant Association of the Department of Psychology, University of Basel, Switzerland

Approved Research Projects

- 05/2023 – 04/2028 Canadian Institutes of Health Research (CIHR) Project Funding
“A longitudinal examination of health behaviours, family context, and disruptive behaviour from preschool to primary school“
 Role: Co-Applicant
 Amount: CAD 619'460 (5 year term)
- 01/2023 – 12/2023 Action Innocence, Swiss Federal Social Insurances Office (FSIO), Laboratoire de Recherche Sante-Social (LaReSS)
“SWIPE – Swiss Study on Preschool Screen Exposure“
 Role: Applicant
 Amount: CHF 92'210 (1 year term)
- 06/2022 – 05/2024 Research Funds of the University of Basel, Funding for Excellent Junior Researchers
“Childhood Trauma - Questioning, understanding, exploring, seeing, testing (CT-Quest)“
 Role: Co-Applicant
 Amount: CHF 74'496.00 (2 year term)
- 01/2021 – 12/2023 Research Funds of the University of Basel, Funding for Excellent Junior Researchers
“Study on Mobile Phone Addiction, Relationship Ties, Social Interactions, Emotion Regulation, and Stress (SMARTIES)“
 Role: Main Applicant, Principal Investigator
 Amount: CHF 78'487 (2 year term + 1 year extension due to COVID-19)

06/2014 – 11/2015 Swiss National Science Foundation, Early Postdoc Mobility Fellowship
“Epigenetics and the Intergenerational Transmission of Maternal Care”
 Role: Main Applicant, Principal Investigator
 Amount: CAD 85'500 (1.5 year term)

Teaching

since 09/19 AG Stadler Masterkolloquium, University of Basel (~20 students; each semester since HS19)

since 02/18 R Basics Bootcamp Series, University of Constance (20-30 students; SS18, WS18, SS19, WS19, WS20, SS21, WS21, WS22)

since 02/18 Selected Statistical Models in R Series, University of Constance (20-30 students; SS18, WS18, SS19, SS20, SS23)

04/23 Workshop: Statistics with R, UPK Basel (~15 researchers)

08/2013 – 02/2014 Behavioral Epigenetics Seminar (25 students, HS13)

Prizes, Awards, Fellowships

02/2020 Antelope Career Program for highly qualified female postdoctoral researchers; University of Basel, Switzerland

07/2018 Wiley Young Investigator Prize at Annual Meeting of the International Society for Neuroendocrinology; Toronto, Canada

09/2015 Best Poster Prize at Annual Meeting of the International Society for Psychoneuroendocrinology, Edinburgh, Scotland

06/2014 Early Postdoc.Mobility Fellowship by the Swiss National Science Foundation

05/2012 PhD mentoring und training excellent doctoral candidates (Dissplus) at the University of Basel, Switzerland

03/2009 Fellowship invitation for Spring School “The ABC of Stress: Biopsychological Assessment, Basics and Consequences” in Dresden, Germany by the Deutsche Gesellschaft für Psychophysiologie und ihre Anwendung (DGPA)

Memberships in panels, boards, Scientific Societies, Fellowship

DGKJP Deutschen Gesellschaft für Kinder- und Jugendpsychiatrie, Psychosomatik und Psychotherapie

DGPA Deutsche Gesellschaft für Psychophysiologie und ihre Anwendung

ISPNE International Society for Psychoneuroendocrinology

SSECR Swiss Society for Early Childhood Research

Reviewing Activities

Archives of Women's Mental Health; Child and Adolescent Psychiatry; Developmental Psychobiology; Developmental Psychiatry; Development and Psychopathology; Epigenomics; Frontiers in Psychology; Interpersona; Journal of Child and Adolescent Psychiatric Nursing; Molecular Psychology; Neuroscience and Biobehavioral Reviews; Personality and Individual Differences; PlosONE; Psychoneuroendocrinology; Psychophysiology; Translational Psychiatry; Deutsche Forschungsgemeinschaft (DFG Grant Proposals)

Organization of Conferences

08/2020	Neurobiology of Parenting, Stockholm, Sweden: "The Parental Brain" (200 attendees expected) => cancelled due to COVID-19
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)

Skills

Statistics:	Broad spectrum of different multivariate statistics, multilevel models, Machine Learning, R, R-studio, SPSS, bioinformatics
Wet Laboratory:	Preanalytics of Blood, Saliva, Buccal Cells, DNA extraction, analysis of DNA methylation, DNA quantification, Salivary Cortisol- and Alpha Amylase analysis (ELISA)
Psychophysiology:	Skin Conductance, Heart Rate, Respiration, EMG, Biopac, Mindware, E-prime
Clinical:	Standardized Structured Clinical Interview; Behavioral Observations Coding; Standardized Diagnostic Tests