

CURRICULUM VITAE

Personal information

name: Dr. Tina Barbara Lonsdorf
 date of birth: 13.12.1980
 place of birth: Merzig (Germany)
 nationality: German
 languages: business fluent: German (native tongue), English, Swedish
 basic: French, Spanish
 marital status: married, 3 sons (*12/2009, 09/2012, 10/2017)
 parental leave: 12/2009 - 07/2010 (8 month)
 09/2012 - 02/2013, 05/2013 (8 month)
 10/2017-3/2018 (full time) 3/2018-11/2018 (part-time)

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Current occupation/ functions

since 06/2017 **Principle Investigator**
 Institute for Systemic Neuroscience, University Medical Center, Hamburg-Eppendorf

 since 05/2015 **Spokesperson** of the scientific network for the “European Interdisciplinary study of Fear and Extinction Learning as well as the Return of Fear (EIFEL-ROF)” funded by the German Research Foundation (DFG LO 1980/2-1)
 website: <http://emhfc.blogs.uni-hamburg.de/dfg-funded-research-network/>

 since 01/2013 **Principle Investigator** in the Collaborative Research Center CRC/SFB-TRR 58 „Fear, Anxiety, Anxiety-Disorders“ and since 2016 **leading coordinator of a multi-centric fMRI data acquisition** („Imaging-Backbone“)
 Sub-projects B07 (since 2013) and Z02 (since 2016)

 since 01/2013 **Head of the research group** „Fear, Anxiety & Stress“
 Institute for Systemic Neuroscience, University Medical Center, Hamburg-Eppendorf

Current members of my research group

- 3 Post-Doc: M. Kuhn (PhD student 2013-2017, since 05/2017 Post-doc), R. Sjouwerman (PhD student 2015-2019, since 2/2019 Post-doc), Mana Ehlers (since 7/2019)
- 3 PhD students: M. Klingelhöfer-Jens (since 2018), Alexandros Kastrinogiannis (since 2019), Alina Koppolt (since 2019)
- 1 Physician (part-time): J. Fuß (since 2017)
- 1 Study Psychologist (part-time): K. Rosenkrantz (since 2016)
- 2 MD-students: Simin Mahaleh, Sadaf Shahsavari
- 1 MA-student: H. Carsten
- 1 BA-student: Tabea Venrath
- 2 Student research assistants: K. Rozario, S. Weisser

Previous members of my research group

- PhD students: Dr. R. Scharfenort (2013-2016)
- Study Psychologists: D. Schümann (2013-2015), L. Kürbitz (2015)
- Visiting PhD students: G. Mertens (2013, University of Ghent)
- MA-students: M. Klingelhöfer-Jens (2017), I. Preuß (2015/2016), M. Möller (2015), M. Heldt (2017)
- BA-students: J. Niehaus (2015), M. Nehrke (2013)
- Research interns (full time): M. Nehrke (2013), M. Möller (2015), J. Hofacker (2015), M. Heldt (2016/2017), C. Nagel (2017), C. Carstens (2019)
- DAAD Rise student: R. Rachel (2015)

Academic development

09/2006-09/2012	Post-doctoral research fellow , Institute for Systemic Neuroscience, University Medical Center, Hamburg-Eppendorf
09/2006-09/2010	PhD (PhD in Clinical Neuroscience), Department of Clinical Neuroscience, Psychology Section und Center for Molecular Medicine, Neurogenetics Section, Karolinska Institutet, Stockholm, Schweden (no grading on PhD theses in Sweden) Thesis title: „Genetic gating of human fear, fear learning and extinction: Psychophysiological, brain imaging (fMRI) and clinical studies,„
2006/2007	Research visit (total: 5 month), Department of Biological and Clinical Psychology, University of Greifswald, Germany (Prof. Alfons Hamm)
2003-2006	Study of Psychology , Justus-Liebig University of Giessen, Germany (diploma, final grade: 1.1, with distinction) Thesis title: “The biological basis of extraversion – a multidimensional approach on the role of dopamine”

- 2005 **Research visit** (7 month), funded by the German Academic Exchange service, Department of Clinical Neuroscience Karolinska Institutet, Center for Psychiatry Research, Positron-Emission-Tomography (PET) group, Stockholm, Schweden (Prof. Dr. Lars Farde)
- 2003-2005 **Student research assistant and tutor**, Biological and Personality Psychology, Justus-Liebig University Giessen, Germany
- 2000-2002 Study of **Psychologie**, University Trier, Germany (intermediate diploma)
- 06/2000 University-entrance diploma (**Abitur**), Gymnasium Saarburg

Awards

- 2017 **Poster award to my PhD student M. Kuhn** (senior authorship), WASAD congress, Würzburg, Germany
- 2016 **Poster award to my PhD student M. Kuhn** (senior authorship), Annual meeting of the German Association of Biological Psychology and Neuropsychology (DGPS) and the German Association for Psychophysiology, Berlin, Germany
- 2011 Award for the participants at the Spring School “Genes, Brain, and Behavior - from Personality to Psychopathology” St. Goar, Germany (German Research Foundation, DFG)
- 2009 **Travel grant**, Society for Psychophysiological Research (SPR) in Berlin, Germany
- 2009 **Travel grant** Karolinska Institutet Travel fund
- 2008 **Poster award** (presenter), Annual meeting of the German Association of Biological Psychology and Neuropsychology (DGPS), Magdeburg, Germany
- 2008 Award for the participants at the Spring School, “Biopsychology of Emotions”, Kloster Seon, Germany (German Research Foundation, DFG)
- 2008 **Travel grant**, Gordon Research conference Genes & Behavior, Il Chiocco, Italy
- 2007 **Poster award** (presenter); 47 Annual meeting of the Society for Psychophysiological Research (SPR) in Savannah (GA, USA)
- 2006/2007 **PhD stipend**, German Academic Exchange Service (DAAD)
- 2006 Diploma with distinction (Years’ best grading in the final diploma degree)
- 2005 **Stipend for student Research abroad**, German Academic Exchange Service (DAAD)

Expertise in methods

- Brain Imaging** Funktional and structural MRI (1.5 & 3 Tesla), data analysis using Matlab, SPM and SPM-toolboxes (DARTEL, VBM), freesurfer

Psychophysiology	Acquisition and analysis of psychophysiological data (skin conductance responses, fear potentiated startle) Establishing psychophysiological measurements within MR environments (skin conductance responses, fear potentiated startle)
Molecular genetics	DNA isolation, SNP Genotypisierung using (RT-) PCR, RFLP analysis using gel-electrophoresis and enzymatic digestion, DNA sequencing
Endocrinology	Enzyme linked immunosorbent assay (ELISA) for salivary cortisol

Additional academic responsibilities

Equal opportunity commissioner within the Collaborative Research Center CRC/SFB-TRR 58 “Fear, Anxiety, Anxiety Disorders”

Responsible for psychophysiological equipment and laboratories at the Institute for Systems Neuroscience, University Medical Center Hamburg Eppendorf

- Introduction for new users
- Set-up, hard- and software
- Generation of software-templates
- Counseling

Memberships Scientific Associations

- German Association for Psychology, Biological Psychology and Neuropsychology
- German Association for Psychophysiology and its application (DGPA)
- German Association for Biological Psychiatry (DGBP)
- Society for Psychophysiological Research (SPR)
- Organization for Human Brain Mapping (OHBM)

Organisation of scientific meetings and conferences

05/2017 Organization of the “**European Meeting on Human Fear Conditioning (EMHFC)**” in Jesteburg, Germany (May 2017, with Prof. C. Büchel und Dr. J. Haaker)

since 2015 Organisation of workshops within the framework of the **scientific network** „for the (European) Interdisciplinary study of Fear and Extinction Learning as well as the Return of Fear (EIFEL-ROF)”
Bochum, Germany (05/2015): “**Psychophysiological measurements in fear conditioning research – different tools and procedures used in different labs** (guest: K. LaBar, Durham)
Hamburg, Germany (11/2015), Utrecht, Netherlands (04/2016), Giessen, Germany (01/2017): “**Discussions on homogenization of methods and outcome-measures as well as challenges in fear conditioning research**” during preparation and revision of the review article “Don’t fear fear conditioning – Methodological considerations for the design and analysis of studies on

human fear acquisition, extinction, and return of fear, *Neuroscience and Biobehavioral Reviews* (2017).

(guests: A. Hamm, Greifswald, K. Ressler, Boston; M. Craske, Los Angeles)

Hamburg, Germany (05/2017): „Lost in translation – Discussions on cross-species considerations in fear conditioning research (guests: S. Maren, Texas; K. Jüngling, Münster; C. Wotjak, München)

10/2013 Workshop on „Genetics in psychological research“ at the "Young Scientist Retreat" of the German Association for Psychophysiology and its application as well as the Section on Biological Psychology and Neuropsychology, Berlin, Germany

10/2013 Organisation of the **Internationalen Symposium of the CRC SFB/TRR 58** in Hamburg, Germany (with Prof. C. Büchel)

Ad-hoc reviewer (Journals)

Archives of General Psychiatry	JAMA Psychiatry
American Journal of Psychiatry	Journal of Affective Disorders
Am. Journal of Medical Genetics B: Neuropsychiatric Genetics	Journal of Clinical Psychopharmacology
Behavior Therapy	Journal of Neural Transmission
Biology of Mood and Anxiety Disorders	Journal of Neuroscience
Biological Psychiatry	Neurobiology of Learning and Memory,
Biological Psychology	Neuroimage
BMC Neuroscience, Brain Sciences	Neuroimage: Clinical
British Journal of Psychiatry	Neuroscience & Biobehavioral Reviews
Cognitive Affective and Behavioral Neuroscience	Neuropsychendocrinology
Cognitive Therapy and Research	Plasticity Research
Cognition and Emotion	Plos One
Cortex, European Psychopharmacology	Psychiatry Research: Neuroimaging
European Archives of Psychiatry and Clinical Neuroscience	Psychological Science
Genes Brain and Behaviour	Psychoneuroendocrinology
European Archives of Psychiatry and Clinical Neuroscience	Psychophysiology
Human Brain Mapping	Scientific Reports
International Journal of Psychophysiology	Social Cognitive and Affective Neuroscience
	Translational Psychiatry

Ad-hoc reviewer (funding organizations)

European Research Council (ERC), German Research Foundation (DFG), Research Foundation Flanders (FWO, Niederlande, Veni-scheme), Fonds zur Förderung der wissenschaftlichen Forschung (FWF, Austria)

Meeting contributions and organization of meeting symposia (exemplarily for 2016/2017)

2017

- 05/2017 talk **European Meeting on Human Fear conditioning (Hamburg, Germany):**
Individual differences in discriminating danger and safety:
Specificity to trait anxiety beyond other measures of negative affect and mediation of autonomic effects via the amygdala
- 05/2017 poster (first author) More than just noise: Individual differences in fear acquisition, extinction and return of fear in humans –biological, experiential, temperamental factors and methodological pitfalls
- 05/2017 poster (senior author) Modulation of defensive reactivity by GLRB allelic variation: Converging evidence from an intermediate phenotype approach
- 05/2017 poster (senior author) Don't fear 'fear conditioning': Methodological considerations for the design and analysis of studies on human fear acquisition, extinction, and return of fear
- 06/2017 talk and symposium chair **Annual meeting of the German Association for Biological Psychology and Neuropsychology as well as the German Association for Psychophysiological Research and its Application (Trier, Germany):**
Discriminating threat and danger signals during fear acquisition – Differential impact of trait anxiety, intolerance of uncertainty and neuroticism as well as mediation via amygdala activation
- 09/2017 talk and symposium chair **World Association for Stress-related and Anxiety Disorders (WASAD, Würzburg, Germany)**
Life-adversity shapes the return of fear - neural mechanisms and implications for relapse prevention
- 10/2017 talk and symposium chair **Society for Psychophysiological Research (Wien, Austria):**
Discriminating threat and danger signals during fear acquisition – Differential impact of trait anxiety, intolerance of uncertainty and neuroticism as well as mediation via amygdala activation
- 10/2017 poster (senior author) Functional heterogeneity of the human extended amygdala in fear and anxiety processes
- 10/2017 poster (senior author) Trait anxiety predicts SCR discrimination during fear acquisition and is mediated by the amygdala.

2016

- 05/2016 talk and symposium chair **Annual meeting of the German Association for Biological Psychology and Neuropsychology as well as the German Association for Psychophysiological Research and its Application**

		(Berlin, Germany): Neural correlates of and processes underlying generalized and differential return of fear
05/2016	talk and symposium chair	Adversity-induced relapse of fear – Mechanisms and implications for relapse prevention as well as modulation by acute psychosocial stress
05/2017	poster (senior author)	Do subjective ratings and startle probe presentations interfere with fear learning? A three-armed psychophysiological study
05/2017	talk	European Meeting on Human Fear conditioning (Utrecht, Netherlands): Reinstatement-induced return of fear –experimental boundary conditions, neural correlates and individual differences
05/2017	poster (senior author)	Experimental boundary conditions of fear acquisition, extinction and return of fear in humans
05/2017	poster (senior author)	The neural correlates of affective startle modulation -results from parallel EMG-fMRI
06/2016	talk	University Hospital Würzburg: Life adversity and its developmental timing – Impact on temperament, brain morphology and the return of fear
09/2016	talk	Annual Meeting of the German Association Biological Psychiatry (DGBP, Würzburg, Germany): Life adversity and its developmental timing – Impact on temperament, brain morphology and the return of fear
09/2016	talk	Annual Meeting of the German Association for Psychology (Leipzig, Germany): Contextual effects on extinction and reinstatement-induced return of fear
11/2016	poster (senior author)	Society for Neuroscience (San Diego, USA): The neural correlates of affective startle modulation -results from parallel EMG-fMRI
11/2016	task	Association for Anxiety Research (Tübingen, Germany): The impact of life adversity on fear generalization and the return of fear – Mechanisms and implications

Invited talks

- 2017 Inviation as debater for the panel discussion on “**Reproducibility in Biopsychological Research**”, Young Scientist pre-conference meeting, Annual meeting of the German Association for Biological Psychology and Neuropsychology and the German Association for Psychophysiological Research and its application, Trier, Germany
- 2016 University hospital Würzburg, Department of Psychiatry (Prof. Dr. Jürgen Deckert)
- 2015 University of Hamburg, Personality Psychology and Diagnostics (Prof. Dr. Jan Wacker)
Justus-Liebig University of Giessen, Clinical Psychology (Prof. Dr. Rudolf Stark/Dr. A. Hermann)
- 2014 University of Hamburg, Cognition Psychology (Prof. Dr. Lars Schwabe)
Ruhr-University of Bochum, Cognition Psychology e (Prof. Dr. Oliver Wolff)
- 2011 University of Ulm, Clinical and Biological Psychology (Prof. Dr. Iris-Tatjana Kolassa)
- 2009 DONDERS discussions, Netherlands
Swedish Serotonin Society

Media Coverage

- Arte Wissen (2017), Interview (TV report)
- Holstein Journal (01/2017); (newspaper, Interview in German).
- Grazia (07/2016). *Wie können wir mit unseren Ängsten umgehen* (magazine, Interview in German).
- Hamburger Abendblatt (10/2013). *Parkinson-Mittel kann gegen Angst helfen* (newspaper, Interview in German).
- Forskning & Framsteg (09/2009). *Att resonera med skräckan* (magazine, Interview in Swedish).
- Center for Molecular Medicine (2007). *Susceptibility to anxiety* (magazine).

Teaching qualifications

Advanced training in university didactics

since 01/2016	Advanced training in university didactics , Hamburg Center for University Teaching and Learning Certificates in „BASIS-qualifikations for university teachers“
01/2016	Oral exams/ Prüfungsgespräche erfolgreich führen (9.33 units à 45min)
02/2016	Supervising theses/ Schreibprojekte Studierender betreuen (8 units n à 45min)
03/2016	conceptual design of seminars / Anregende Seminare konzipieren (18.67 units à 45min)
04/2016	Integrating Resarch in Teaching / Forschung in die Lehre bringen (2 units à 45min)
09/2016	Teamwork in seminars / Gruppenarbeit sinnvoll einsetzen (8 units à 45min)
10/2016	conceptual design of lecutres / Vorlesungen mit Lernerfolg (8 units à 45min)

Teaching

SS: Summer term; WS: Winter term

Seminars

Title: **The impact of life adversity and its developmental timing on individual differences in neural and temperament variables**

Timepoint: SS 2017, SS2019

Language: English

Teaching format: Seminar (teaching assignment), BA Psychology

Personality Psychology and Diagnostics, University of Hamburg, Germany (Prof. Dr. J. Wacker)

Title: **Introduction into methods and topics of behavioral and psychiatric genetics**

Timepoint: WS 2016/2017

Language: German

Teaching format: Seminar (teaching assignment), MA Psychology

Cognition Psychology, University of Hamburg, Germany (Prof. Dr. L. Schwabe)

Title: **The impact of life adversity on individual differences in neural and temperament variables**

Timepoint: SS 2016

Language: English

Teaching format: Seminar (teaching assignment), BA Psychology

Personality Psychology and Diagnostics, University of Hamburg, Germany (Prof. Dr. J. Wacker)

Title: **Cognitive Neuroscience**

Timepoint: WS 2015/16

Language: English

Teaching format: blocked seminar (teaching assignment), MA Psychology

Biological and Neuropsychology, University of Hamburg, Germany (Prof. Dr. B. Röder)

Title: **Emotionen**

Timepoint: 2010

Language: Swedish

Teaching format: part of the seminar „Cognitive Neuroscience“

Department of Psychology, Karolinska Institutet, Stockholm, Schweden

Title: **Tutorial „Psychoneuroimmunology“**

Timepoint: 2003

Language: German

Teaching format: student tutorial

Biological and Personality Psychology, Justus-Liebig Universität Giessen, Germany

Vorlesungen

Title: **Methods in Cognitive Neuroscience: Emotion**

Timepoint: seit WS 2015/2016

Language: English

Teaching format: Lecture in a lecture series, MA psychology

Biological and Neuropsychology, University of Hamburg, Germany (Prof. Dr. B. Röder)

Title: **Methods in Cognitive Neuroscience: Genes, Brain & Behavior**

Timepoint: seit WS 2011/2012

Language: English

Teaching format: Lecture in a lecture series, MA psychology

Biological and Neuropsychology, University of Hamburg, Germany (Prof. Dr. B. Röder)

Title: **Neurobiologische Grundlagen der Angst**

Timepoint: seit WS 2012/2013 (jedes Semester)

Teaching format: German

Format: Lecture in a lecture series, medical program

University Medical Center, Hamburg-Eppendorf, Germany

Title: **Window to the brain: Neuronale Grundlagen der Angst**

Timepoint: WS 2012/2013-SS 2016 every summer and winter term)

Language: German

Teaching format: Lecture in a lecture series, medical program

University Medical Center, Hamburg-Eppendorf, Germany

Title: **Faszination Neurowissenschaften**

Timepoint: WS 2013/2014 – WS 2016/2017 (every summer and winter term)

Language: German

Teaching format: lecture within the „model degree program“ iMed

University Medical Center, Hamburg-Eppendorf, Germany

Title: **Pathways from Genes to Behaviour**

Timepoint: 2008-2009

Language: Swedish

Teaching format: Lecture, MA Psychology

Department of Clinical Neuroscience, Psychology Section, Stockholm, Sweden

Title: **Psychiatric Genetics**

Timepoint: May and September 2009

Language: Swedish

Teaching format: Lecture, advanced education for psychotherapists „Neuroscience for Psychiatrists“

Department of Clinical Neuroscience, Center for Psychiatric Research, Stockholm, Sweden

Supervision

PhD theses

Scharfenort, R. (07/2016) Investigation of the neural mechanisms underlying return of fear and their relation to individual differences. (Supervisor)

Kuhn, M. (thesis handed in 04/2017, examination date: 11.8.2017) Fearing Nature, Nurture and Thyself: Inter-individual differences shape the neurobiology of fear processing and anxious temperament. (Supervisor)

Sjouwerman, R. (ongoing) Systematic investigation of the experimental boundary conditions contributing to reinstatement of fear in humans. (Supervisor)

Immisch, C. (ongoing) Longitudinal and multimodal investigations of the modulation of fear- and anxiety-related processes by life adversity – predictive and buffering factors. (Supervisor)

MA theses

Klingelhöfer M. (2016), State Anxiety and Return of Fear, Master-thesis, University of Hamburg (Supervisor)

Preuß, I. (2016), Das Wiederauftreten von Furcht nach Reinstatement – eine translationale Studie, Master-thesis, Medical School Hamburg (Co-Supervisor)

Möller, M. (2015), Neural and psychophysiological correlates of fear-conditioning dependent on the 5-HTTLPR polymorphism and life adversity, Master-thesis, University of Bremen (Supervisor)

BA theses

Heldt, M. (2017), The impact of different indices for the calculation of extinction and extinction recall and their impact on results, Bachelor-thesis, Hamburg Medical School (Supervisor)

Niehaus, J. (2015), Contextual influences on return of fear through reinstatement and renewal in

humans: A multimodal fear conditioning study, Bachelor-thesis, University of Hamburg (Supervisor)

Nehrke, M. (2012), Multimodal assessment of long-term memory recall and reinstatement in a combined cue and context conditioning and extinction paradigm in humans, Bachelor-thesis, University of Hamburg (Supervisor)