

CURRICULUM VITAE

ACADEMIC & PROFESSIONAL CAREER

ASSISTANT

Department of Animal Ecology, Evolution and Biodiversity, Ruhr-University Bochum

Since 09/2016

POST DOC

Environmental Genomics Group, University of Birmingham, UK (Prof. Dr J.K. Colbourne)

02/2014-08/2016

POST DOC

Department of Animal Ecology, Evolution and Biodiversity, Ruhr-University Bochum

09/2013-01/2014

PROFESSIONAL CAREER OUTSIDE ACADEMIA (1 YEAR):

STAFF SCIENTIST

ELP GmbH, Wuppertal

01/2013-08/2013

REGULATORY ECOLOGIST

Federal Institute of Occupational Safety and Health
(permanent position)

08/2012-12/2012

POST DOC

Department of Animal Ecology, Evolution and Biodiversity, Ruhr-University Bochum

11/2011-07/2012

GUEST SCIENTIST

Department of Ecology I, LMU Munich (Prof. Dr. C. Laforsch)

08/2011-10/2012

DISSERTATION

Department of Animal Ecology, Evolution and Biodiversity, Ruhr-University Bochum „Cellular and Neuronal Mechanisms of Phenotypic Plasticity in *Daphnia spec.*“ (Prof. Dr. R. Tollrian)

02/2008-10/2011

STAFF SCIENTIST

Department of Zoology and Neurobiology Ruhr- University Bochum
(Prof. Dr. K.-P. Hoffmann)

10/2007- 01/2008

DIPLOM BIOLOGIST

Department of Zoology and Neurobiology Ruhr- University Bochum
(Prof. Dr. K.-P. Hoffmann)

10/2007- 01/2008



Dr. Linda C. Weiss

Dipl.-Biol.

Date of birth: 27.11.1982

Nationality: Deutsch

Marital status: married,

1 daughter ^{*2019}, 1 son ^{*2020}

CONTACT

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D Habichtstraße 1,
45527 Hattingen

EDUCATION

Ruhr- University Bochum

10/2002 – 09/2007

FOCAL AREAS

Neurobiology, Physiology,
Ecology

SHORT LISTINGS

Full Professorship (W3)

Animal Physiology, Greifswald
University

Linda C. Weiss

AWARDS

- 2021 **Walther-Arndt Research Award of the German Zoological Society**
- 2019 Lore Agnes Prize „Best Practice- Science & Career Development for female Scientists“
- 2019 Best Poster Award at the Annual Meeting of the German Zoology Society, Jena-Germany
- 2016 Peer Mentoring Beneficiary
- 2016 Travel Award for Young Scientists; Society of Experimental Biology
- 2016 Poster Award: Society of Experimental Biology Annual Meeting 2016
- 2016 Returnee Fellowship of the Leopoldina- Academy of Natural Scientists
- 2014 PerCaD *Post Doc Career Development* Award- University of Birmingham, UK
- 2014 Post Doc Scholarship by the Leopoldina- Academy of Natural Scientists
- 2012 Gautam N: *F1000 Recommendation of* [Weiss LC et al., PLoS ONE 2012, 7(5):e36879]. Faculty of 1000 DOI: 10.3410/f. 717951600. 793456900. f1000.com/717951600#eval793456900
- 2008 Ruhr-University Research School PhD Scholar financed by the Excellence- Initiative of the German Science Foundation
- 2008 Ruhr-University Research School financial support funded by the Excellence- Initiative of the German Science Foundation
- 2007 Scholar of the International Graduate School of Neuroscience

REVIEWER & EDITORIAL ENGAGEMENTS

1. Guest Editor; *Frontiers in Integrative Neuroscience Special Issue: Sensory Ecology: Receptors, Modulators and Effectors* (www.frontiersin.org/research-topics/21470/sensory-ecology-of-phenotypic-plasticity-from-receptors-via-modulators-to-effectors)
2. Editor Conference Proceedings der Cladocera 2017 in *Hydrobiologia*
3. Referee for the German Science Council DFG, European Science Foundation, NERC (National Environment Research Council, UK)
4. Reviewer for 26 international Journals:
 - o Ecology & Evolution
 - o Molecular Ecology
 - o Journal of Limnology
 - o Crustaceana
 - o American Naturalist
 - o Acta Tropica
 - o Ecological Research
 - o International Review of Hydrobiology
 - o Journal of Limnology & Oceanography
 - o Functional Ecology
 - o Journal of Plankton Research
 - o Ecology Letters
 - o Journal of Experimental Biology
 - o Journal of Zoological Science
 - o Hydrobiologia
 - o Journal of Experimental Zoology
 - o Oecologia
 - o Proceedings of the Royal Society B
 - o PeerJ
 - o BMC Genomics
 - o Fundamental and Applied Limnology
 - o Scientific Reports
 - o Journal of Structural Biology
 - o Molecular Biology Reports
 - o Journal of Structural Biology
 - o Animal Ecology

NATIONAL UND INTERNATIONAL CONFERENCES

Active participation at over 30 national und international conferences (e.g. Society of Experimental Biology, German Zoological Society, Crustacean Society, Cladocera, German Limnological Society, German Ecological Society, International Coral Reef Symposium, *Daphnia* Genomics Consortium, ESEB, ASLO).

Plenary Talks: Crustacean Society 2009, DZG 2021, DynaTrait 2021

Gastvorträge in: Göttingen, Aachen, Birmingham, San Diego, Konstanz, Potsdam, Köln

COMMITTEE & ADVISORY BOARD MEMBER

1. Mid-level-faculty member
2. Member of the faculty council
3. Member of the commission for excellent teaching
4. Member of the commission for internationalization of the Ruhr-University
5. Member of the examinations board of the Master in Biodiversity
6. Member of several appointment committees

MEMBERSHIPS IN ACADEMIC SOCIETIES

- Leopoldina Academy of Sciences
- Deutsche Zoologische Gesellschaft
- Society of Experimental Biology
- German association of University Professors and Lecturers
- ZWU-Center for Water and Environmental Sciences
- Deutsche Neurowissenschaftliche Gesellschaft

COLLABORATIONS

1. (Sub)-Cellular strategies associated with developmental arrest- Diapause in *Daphnia*
[Dr. Rocio Gomez- Lencero, Autonomous University of Madrid, Spain](#)
2. Expression of *Zeitgeber* genes in *Daphnia*
[Dr. Anke Schwarzenberger, University Constance](#)
3. Epigenetic control of transgenerational inducible defenses in *Daphnia*
[Dr. Luisa Orsini, University of Birmingham, UK](#)
4. Predator induced differential gene expression in different *Daphnia* species
[Dr. Andrey Rozenberg, Technion, Haifa, Israel](#)
5. Chemical identification of predator specific chemical cues
[Prof. Dr. Oliver Schmitz; University Duisburg und Essen; Germany](#)
[Dr. Sven Meckelmann; University Duisburg und Essen; Germany](#)
6. Carnivorous plant interactions
[Dr. Simon Poppinga, University Freiburg](#)
[Prof. Dr. Thomas Speck, University Freiburg](#)
[Dr. Sebastian Kruppert, Friday Harbor Institute Washington, USA](#)
7. Using *Daphnia* opsins for Optogenetics
[Dr. Olivia Masseck, University Bremen](#)
8. Anthropogenic effects on freshwater ecosystems
[Ruhr Verband](#)

FURTHER ENGAGEMENTS

Since 08/2018	Laser safety-officer §5 Abs. 2, OStrV
Since 07/2017, 2021	Safety officer for of genetically modified organisms (S1) §15 GenTSV
08/2017	Spirit Summer School in Göttingen “Molecular Genetics for Zoologist- Gene editing in non-model species”
12/2014	Microinjections and Gene editing applications (CRISPR/Cas9, RNAi), Osaka; Japan
08/2014	“Environmental Genomics” Workshop; Mount Desert Island Bio Labs; Bar Harbor, USA
05/2014-05/2017	Ecology of the eye bacteria in the flashlight fish <i>Photoblepharon</i> spec.; Red Sea, Egypt
11/2011; 02/2012	Project related work: Coral reef Restauration; Neatherland Antilles
11/2010- 01/2011	Project related work: Ocean acidification; Lizard Island Research Station, Australia



Bochum, November 17th, 2021

Dr. Linda Weiss

