

## VIKTORIIA RADCHUK

### Curriculum vitae

#### PERSONAL INFORMATION

---

Nationality: Ukrainian

Born: 01.05.1985

Status: married to Leif Uhsadel, two children born 2019 and 2021

Phone: (+49)1575-6038711 (cell)

Address: Valentinskamp 30, 20355 Hamburg

Email: [radchuk@izw-berlin.de](mailto:radchuk@izw-berlin.de)

Web: <https://www.viktoriaradchuk.com/>

#### ACADEMIC CAREER

---

- June 2020 – present – **Senior scientist** (permanent position), Leibniz institute for Zoo and Wildlife Research (Germany)
- 2016 – 2020 **Postdoctoral research fellow**, Leibniz Institute for Zoo and Wildlife Research (Germany), Supervisor: S. Kramer-Schadt
- 2014 – 2016 **Postdoctoral research fellow**, Leibniz Institute for Zoo and Wildlife Research (Germany), Supervisors: S. Kramer-Schadt & J. Fickel
- 2013 – 2014 **Postdoctoral research fellow**, German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig (Germany), Supervisors: V. Grimm, F. De Laender & P. van den Brink
- 2013 **Postdoctoral research fellow**, Hedmark University College (Norway), Supervisors: H. P. Andreassen & R. A. Ims

#### EDUCATION

---

- 2008 – 2012 **PhD in Biological Sciences**, Université Catholique de Louvain (Belgium)  
Thesis: Dealing with biological complexity in Population Viability Analysis: lessons from two endangered butterfly species  
Supervisor: Prof. N. Schtickzelle
- 2006 – 2008 **MSc in Environmental Sciences**, Wageningen University (The Netherlands)  
MSc Thesis: Influence of weather variability on butterflies' behaviour and dispersal in the National Park "De Hoge Veluwe"  
Supervisors: Prof. R. Leemans, Dr. J. Verboom & Dr. A. Cormont
- 2002 - 2006 **BSc in Ecology and Environmental Protection**, National Agricultural University of Ukraine

## FELLOWSHIPS & AWARDS

---

- 2018 – 2019 sDiv grant for workshop ‘sTraitChange’, German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig (Germany), PI (together with Prof. M. Visser), 30,000€
- 2014 – 2017 Postdoctoral research fellowship (‘Chargé de recherches’) from Fonds de la Recherche Scientifique (FNRS), Belgium – *not taken because of the decision to stay in Germany for personal reasons*
- 2013 – 2014 sDiv grant for an individual postdoc, German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig (Germany)
- 2008 – 2012 PhD Scholarship from Fonds pour la recherche dans l’Industrie et dans l’Agriculture (FRIA), Université Catholique de Louvain, Belgium
- Jan-Apr 2011 Travel grant from FNRS for a research visit at UFZ, Germany (host: Prof. V. Grimm)
- 2006 – 2008 MSc MATRA Scholarship for Eastern-European countries, Wageningen University, The Netherlands
- 2002 – 2006 Excellence Scholarship for BSc in Ecology and Environmental Protection, National Agricultural University of Ukraine

## (CO-)SUPERVISION: DOCTORATE STUDENTS

---

- 2021 - **Thibault Fronville:** ‘Assessing performance and facilitating application of statistical methods to infer species interactions from telemetry data’  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 2021 - **Filippa Erixon:** ‘Intraspecific trait variation in movement behavior as mechanisms for species coexistence’. Co-supervisor, main supervisors: Prof. M. Dammhahn, Prof. V. Grimm and Prof. F. Jeltsch  
Potsdam University
- 2021 - **Molly Gilmour:** ‘Movement in a Landscape of Fear - cascading effects on biodiversity and coexistence’. Co-supervisor, main supervisors: Prof. J. Eccard, PD. N. Blaum  
Potsdam University
- 2021 - **Julia Pawlak:** ‘The role of scale-dependent movement and dispersal on zooplankton meta-community structure in kettle holes of varying hydroperiod’. Co-supervisor, main supervisor: Prof. Guntram Weithoff  
Potsdam University
- 2021 - **Marius Grabow** ‘Effects of host-pathogen dynamics on a community with moving hosts’. Co-supervisor, main supervisors: Prof. S. Kramer-Schadt, PD. N. Blaum  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 2018 - **Ana Patricia Calderon:** ‘Using agent-based movement modelling to improve the connectivity of jaguar populations (*Panthera onca*) in northern Mesoamerica’. Co-supervisor, main supervisor: Prof. S. Kramer-Schadt  
Leibniz Institute for Zoo and Wildlife Research (Berlin)

- 2018 - **Rohit Chakravarty**: ‘Niche partitioning in bat communities along an elevational gradient and the impacts of climate change on species coexistence’. Co-supervisor, main supervisor: Prof. C. Voigt  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 2018 - 2022 **Tobias Kürschner**: ‘Pathogen evolution in changing landscapes’. Co-supervisor, main supervisors: Prof. S. Kramer-Schadt, PD. N. Blaum  
Leibniz Institute for Zoo and Wildlife Research (Berlin) (thesis submitted April 2022)
- 2015 - 2019 **Cédric Scherer**: ‘Combined effects of land-use and individual movement decisions shape disease dynamics through mobile mammal links’. Co-supervisor, main supervisors: Prof. S. Kramer-Schadt, PD N. Blaum and Prof. V. Grimm  
Leibniz Institute for Zoo and Wildlife Research (Berlin)

### (CO-)SUPERVISION: UNDERGRADUATE STUDENTS

---

- 03.2022 – **Pierre Moulin**: Internship ‘Causality between population dynamics and demographic structure of rodents’  
05.2022  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 06.2021 – **Johannes Marold**: BSc Thesis ‘Accuracy of a new high throughput wildlife movement tracking system in comparison with GPS tracking’  
09.2021  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 02.2021 – **Johannes Marold**: Internship ‘Comparing movement data collected on raccoons in Uckemark (Germany) using GPS vs ATLAS system’  
05.2021  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 02.2020 – **Sinah Drenke**: MSc Thesis ‘Using social network analysis on a population of reintroduced Northern Bald Ibis (*Geronticus eremita*) to understand decisions of migratory association’, Co-supervisor, main supervisor: Prof. S. Kramer-Schadt  
08.2020  
Leibniz Institute for Zoo and Wildlife Research (Berlin) / TU Berlin
- 09.2018 – **Carys Jones**: Internship ‘How effects of climate change on traits reflect on the demography and population dynamics’  
07.2019  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 06.2018 – **Bluene Bogaert**: Internship ‘Impact of different types of density-dependent emigration on population dynamics’  
08.2018  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 04.2018 – **Anton Vlaschenko**: Internship ‘Effect of habitat types on bat community composition in Eastern Ukraine’  
07.2018  
Leibniz Institute for Zoo and Wildlife Research (Berlin)
- 03.2018 – **Sinah Drenke**: BSc Thesis ‘Demography and population viability of the Northern Bald Ibis (*Geronticus eremita*), a reintroduced bird species’, Co-supervisor, main supervisor: Prof. S. Kramer-Schadt  
04.2019  
Leibniz Institute for Zoo and Wildlife Research (Berlin) / TU Berlin
- 05.2010 – **Eleonore Danhier**: MSc Thesis (2011) ‘Impacts de changements environnementaux sur différents stades de développement de deux espèces reliques glaciaires: *Boloria eunomia* et *Boloria aquilonaris*’. Co-supervisor, main supervisor: Prof. N. Schtickzelle  
01.2011  
Université Catholique de Louvain (Belgium)
-

- 02.2011 – **Marlene Massouh:** Internship ‘Study of the *Boloria aquilonaris* population with CMR method in Grande Fange natural reserve (Belgian Ardenne)’.  
06.2011  
Université Catholique de Louvain (Belgium)
- 04.2009 – **Dido Gosse:** MSc Thesis ‘Does sockeye salmon (*Oncorhynchus nerka*) form metapopulations? The case of the Pedro Ponds, Iliamna Lake, Alaska’. Co-supervisor, main supervisor: Prof. N. Schtickzelle  
12.2009  
Université Catholique de Louvain (Belgium)

## TEACHING ACTIVITIES

---

- 2018, 2021 Guest lectures on ‘Population ecology’ at FU Berlin, MSc course ‘Biodiversity and Evolution’ (course organisers: C. Mazzoni and M. Monaghan)
- 2019, 2021, Teaching involving lectures ‘Concepts and theories in biodiversity studies’ and  
2022 ‘Measuring biodiversity’, a student seminar and an R-tutorial at TU Berlin, BSc / MSc course ‘Biodiversity Dynamics’ (course organiser: S. Kramer-Schadt), volume: 2SWS
- 2019 A practical ‘Analysing large datasets in ecology’ for BioMove research training group, Potsdam, Germany
- 2017 Invited lecture ‘Quantifying multidimensionality of ecological stability’ at Young Modellers Meeting, Buchenbach, Germany
- 2014 Lecturer at Hedmark University College (Norway), PhD course ‘Population modeling’ for International Research School in Applied Ecology (IRSAE), together with Prof. T. Willebrand, volume: one week block course
- 2012 – 2013 Teaching assistant for Bachelor courses ‘Analysis of biological data’, ‘Biometry’, ‘Integrated Ecology and Biogeography: Biogeography of Belgium’, ‘Integrated Ecology and Biogeography: biodiversity of the natural environments’, Université Catholique de Louvain (Belgium)
- 2011 – 2012 Teaching assistant for Bachelor course “Projet en Biologie”, Université Catholique de Louvain (Belgium)

## ORGANIZATION OF SCIENTIFIC MEETINGS

---

- 2018 – 2019 Organiser of two workshops of the working group sTraitChange, Synthesis Centre for Biodiversity Sciences (sDiv), Germany, 20 participants
- 2019 Wildlife Research and Conservation Conference - WRC, Berlin, Germany, over 250 participants (new conference design and co-organiser)
- 2016 Organiser of the session ‘Ecological models as tools to assess persistence of ecological systems in face of environmental pressures’, Ecosummit 2016, Montpellier (France), approx. 60 participants to the session

## REVIEWING ACTIVITIES

---

- Reviewer for - journals** American Naturalist, Applied Entomology and Zoology, Biodiversity and Conservation, Biological Conservation, Conservation letters, Global Change Biology, Global Ecology and Biogeography, Ecography, Ecological Applications, Ecology Letters, Ecological Modelling, Ecosystems, Environmental Modelling

---

	and Software, European Journal of Entomology, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Ecology, Journal of Theoretical Biology, Landscape ecology, Mammalian Biology, Nature Ecology and Evolution, Oecologia, Oikos, PNAS, PLOS Biology, PlosOne, Scientifica, Trends in Ecology and Evolution
<b>- grant proposals</b>	Agence National de la Recherche (ANR, France), Deutsche Forschungsgemeinschaft (DFG, Germany), Israel Science Foundation (ISF), Natural Environment Research Council (NERC, UK), National Natural Science Foundation of China (NSFC, China), PhD SENSE programme (The Netherlands), sDiv workshops (Germany), Swiss National Science Foundation (SNSF, Switzerland), National Science Centre Poland (OSF)
<b>Associate editor</b>	Scientific Reports (since 2016) Invited Guest Editor for the Special Feature ‘Stability across spatial and temporal scales’ in Frontiers in Ecology and Evolution (2021) Invited Guest Editor for the Virtual Issue in Ecological Modelling (2017)

---

## INSTITUTIONAL RESPONSIBILITIES

---

2022 - present	Member of the Worker’s council
2017 – 2019	Co-organiser of the statistics club at the Leibniz Institute for Zoo and Wildlife Research (IZW), Germany
2018 – 2019	Organiser of the journal club at the Leibniz Institute for Zoo and Wildlife Research (IZW), Germany
2013 – 2014	Organiser of the journal club at the Synthesis Centre for Biodiversity Sciences (sDiv), German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Germany

## ADDITIONAL QUALIFICATIONS

---

European Driving License (class B)  
Languages: Ukrainian (mother tongue), Russian (bilingual), English (fluent), German (very good), French (good)

## SELECTED INVITED TALKS

---

Feb 2022	Invited talk ‘ <i>Responses of phenotypic traits and populations to climate change</i> ’ at the meeting of Biodiversity and adaptation working group of Canada (remote)
Feb 2016	Invited talk ‘ <i>Distribution ranges of mammals in Southeast Asia are shaped by the legacy of paleoclimate and species life history traits</i> ’ at the BioDiv seminar at the Earth and Life Institute of Université Catholique de Louvain (Belgium)
July 2015	Invited talk ‘ <i>Ways for model validation in ecology</i> ’ at the International Conference “How to Build Trust in Computer Simulations: Towards a General Epistemology of Validation” (Hannover, Germany)