

Professional experience

Freie Universität Berlin, Germany

Since Oct 2011 Junior professor at the Institute of Biology

University of British Columbia, Vancouver, Canada

2009-2011 Postdoctoral fellow at the Department of Zoology (with Diane Srivastava) with field work at the Área de Conservación Guanacaste (ACG), Costa Rica

University of Zurich, Switzerland

2005-2009 Dissertation with distinction (Faculty of Science Award): *On biodiversity in grasslands: coexistence, invasion and multitrophic interactions*, Institute of Environmental Sciences, University of Zurich (supervisors: Bernhard Schmid & Christine Müller) with field work in The Jena Experiment, Germany

Seed sustainability, Swiss Federal Institute of Technology (ETH) Zurich

2007-2008 Project coordinator, Management of transdisciplinary research projects in the field of sustainability

Academic training

Lincoln University, Christchurch, New Zealand

2002-2003 Diploma thesis: *Breeding success and summer foraging behaviour of skylarks on the Canterbury Plains, New Zealand* (supervisors: Juliane Filser & Stephen Wratten)

University of Bremen, Germany

2001-2003 Postgraduate studies in Biology (Diplom, Final grade: "sehr gut"/"very good"), Major: Ecology, Research project: *Environmental management and ecological assessment*

Flinders University, Adelaide, Australia

2000-2001 Undergraduate studies in Ecology

Albert-Ludwigs-University, Freiburg Brsg., Germany

1997-1999 Undergraduate studies in Biology

Research funding

- 2012-2013 Freie Universität Berlin, Internal Research Fund (EUR 18 910).
- 2012 Freie Universität Berlin Center for International Cooperation grant for pre-project exploration, ACG Costa Rica (EUR 3000).
- 2012 Dahlem Centre of Plant Sciences Research Grant (EUR 10 000).
- 2010-2011 National Geographic Society Research and Exploration Grant, University of British Columbia, Vancouver (EUR 4497).
- 2010-2011 Velux Foundation Grant for Research, University of British Columbia, Vancouver (EUR 16 277).
- 2009-2011 Swiss National Science Foundation Fellowship, University of British Columbia, Vancouver (EUR 47 095).

Selected invited presentations

Biodiversity maintenance and biodiversity loss in a multitrophic world (2013), Keynote speaker, Assembly of the Biodiversity Exploratories, Mainz.

Multitrophic biodiversity: insights from miniature ecosystems in Costa Rican bromeliads (2012), University of Bremen.

Bottom-up and top-down forces in nature (2012), Philipps University Marburg.

Enemies or gardeners: effects of herbivores on plant communities (2011), Workshop Gastropodochory, University of Bern.

From nematodes to parasitic wasps: plant diversity research from a zoologist's perspective (2008), NIOO-KNAW, Heteren, The Netherlands.

Selected conference presentations

Petermann JS, Kratina P, Srivastava DS (2012), The diversity of small things: Trophic control and dispersal in Costa Rican bromeliad protists, Ecological Society of America meeting, Portland, USA.

Petermann JS, Kratina P, MacDonald AM, Marino NAC, Srivastava DS (2011), Food, foe or forest? Determinants of protist community structure in Costa Rican bromeliads. Canadian Society for Ecology and Evolution meeting, Banff, Canada.

Petermann JS, Müller CB, Weisser W, Schmid B (2008), Aphid-parasitoid interactions change with declining plant diversity. EURECO-GFÖ, Leipzig, Germany.

Teaching

- 2012-2013 *Biodiversität ausgewählter Standorte* (Biodiversity of selected habitats), Bachelor course, FU Berlin.
- 2012-2013 *Ökologische Exkursion Italien* (Ecology Fieldtrip to Italy), Bachelor course, FU Berlin.
- 2012-2013 *Zoologische Bestimmungsübungen* (Animal taxonomy), Bachelor course, FU Berlin.
- 2010-2011 *Skills and Concepts for Advanced Ecology*, Master course, UBC, Vancouver, Canada.

Professional service

- Associate faculty member of the Faculty of 1000 (with B. Schmid)
- Article reviewing for Ecology Letters, Revista Biologia Tropical, Oecologia, Ecology, Proceedings of the Royal Society B, Journal of Plant Ecology, Oikos, Journal of Ecology, Agricultural and Forest Entomology, Insect Conservation and Diversity, Journal of Vegetation Science, Flora
- Research grant reviewing for SNF, Switzerland, Sparkling Science, Austria
- Scientific travel grant reviewing for the Women's Office, FU Berlin

Memberships

Ecological Society of Germany GfÖ (since 2013), Ecological Society of America ESA (since 2011), Friends of the Bloedel Conservatory Vancouver (since 2010), Friends of the Botanical Garden Bern PRO FLORA (since 2008)