# DR. INGA KRISTIN SCHARNWEBER

University of Potsdam
Plant Ecology and Nature Conservation
Am Mühlenberg 3
14476 Potsdam-Golm, Germany

scharnweber@uni-potsdam.de
Phone: +49 (0) 331 9776254
https://www.kscharnweber.com/
Citizenship: German

## EDUCATION AND ACADEMIC APPOINTMENTS

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| 03 2021-present | **Plant Ecology and Nature Conservation, University of Potsdam, Germany**<br>Postdoctoral researcher and Scientific Coordinator of the Research Training Group "BioMove" (https://www.bio-move.org/) |
| 01 2019 | **Evolutionary Biology Centre, Department of Ecology and Genetics; Limnology, Uppsala University, Sweden**<br>Docent in Biology with specialization in Limnology |
| 05 2014-11 2020 | **Evolutionary Biology Centre, Department of Ecology and Genetics; Limnology, Uppsala University, Sweden**<br>Postdoctoral researcher |
| 10 2013-04 2014 | **Department of Biology and Ecology of Fishes, Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin, Germany**<br>Postdoctoral researcher |
| 02 2010-09 2013 | **Department of Biology and Ecology of Fishes, Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin, Germany**<br>PhD within the TERRALAC-project: *The effects of structural complexity on ecological and evolutionary processes in shallow lake ecosystems*. Degree: outstanding (*summa cum laude*) |
| 10 2006-01 2010 | **Department of Biology, University of Potsdam, Germany**<br>Advanced studies of Biological Sciences with focus on Animal Ecology, Evolution, Limnology and Behavior<br>External diploma thesis at Texas A&M University, College Station, Texas, USA: *Trophic niche segregation between sexual and asexual species of the genus Poecilia*. Degree: excellent, with distinction |
| 04 2004-09 2006 | **Department of Biology, University of Hamburg, Germany**<br>Basic studies of Biological Sciences. Intermediate diploma.<br>Degree: excellent |

## RESEARCH INTERESTS

Aquatic ecosystem ecology; evolutionary ecology; aquatic-terrestrial linkages; food web ecology; trophic ecology; nutritional landscapes, trophic biomarkers.

## LEAVE OF ABSENCE (TOTAL OF 2 YEARS AND 8 MONTHS)

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| 11 2020-03 2021 | Unemployment |
| 09 2019-08 2020 | Maternity leave (100%), equal to 12 months of full time leave |
| 10 2017-08 2019 | Maternity leave (25%), equal to 5.75 months full-time leave |
| 05 2017-09 2017 | Maternity leave (50%), equal to 2.5 months full-time leave |
| 08 2016-04 2017 | Maternity leave (100%), equal to 9 months full-time leave |

## AWARDS AND HONORS

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| 07 2018 | Selected for participation in the 2018-2019 mentorship program for scientists of underrepresented gender in the beginning of their research career of the Faculty of Science and Technology, Uppsala University, Sweden |
| 05 2018 | King Carl XVI Gustaf 50th Anniversary Fund for Science, Technology and the Environment (SEK 85 000) |
| 11 2014 | 2014 Young Female Researchers' Award of the Researchers' Association Berlin, Germany (Forschungsverbund Berlin) (€ 3000) |
| 11 2014 | Nominated for the 2014 Young Researchers' Award of Wissenschaftsgemeinschaft Gottfried Willhelm Leibniz, Germany |
| 09 2014 | 2014 Young Researchers' Award of the German Limnological Society (DGL) (€ 300) |

## PUBLICATIONS IN PEER-REVIEWED JOURNALS

https://scholar.google.com.au/citations?hl=en&user=GPCScGYAAAAJ

34. **Scharnweber, K**., Peura, S., Attermeyer, K., Bertilsson, S., Bolender, L., Buck, M., Einarsdóttir, K., Garcia, S. L., Gollnisch, R., Grasset, C., Groeneveld, M., Hawkes, J., Lindström, E. S., Manthey, C., Rengefors, K., Sedano-Núñez, V. T., Tranvik, L. J., Övergaard, R. & Székely, A. J. 2021. Comprehensive analysis of chemical and biological problems associated with browning agents used in aquatic studies. Limnology and Oceanography: Methods **19 (12)** 818-835.
33. **Scharnweber, K**.*, Andersson, M. L.*, Chaguaceda, F., Eklöv, P. Intra-specific differences in metabolic rates shape carbon stable isotope trophic discrimination factors of muscle tissue in the common teleost Eurasian perch (*Perca fluviatilis*). Ecology and Evolution **11 (14):** 9804-9814. *both authors contributed equally.
32. Twining, C. W., Bernhardt, J. R., Derry, A. M., Hudson, C., Ishikawa, A., Kabeya, N., Kainz, M. J., Kitano, J., Kowarik, C., Ladd, S. N., Leal, M. C., **Scharnweber, K.**, Shipley, J. R., Matthews, B. The evolutionary ecology of fatty-acid variation: implications for consumer adaptation and diversification. Ecology Letters **24 (8)** 1709-1731.
31. **Scharnweber, K.,** Chaguaceda, F., Eklöv, P. Fatty acid accumulation in feeding types of a natural freshwater fish population. Oecologia **196:** 53-63.
30. Chaguaceda, F., **Scharnweber, K.**, Dalman, E., Tranvik, L. & Eklöv, P. 2021. Short-term apparent mutualism drives responses of aquatic prey to increasing productivity. Journal of Animal Ecology **90 (4)**: 834-845.
29. Grasset, C., Sobek, S., **Scharnweber, K.,** Moras, S., Villwock, H., Andersson, S., Hiller, C., Chaguaceda, F., Colom, W. & Tranvik, L. 2020. Non-linear response of the $CO_2$-equivalent balance of freshwater ecosystems to productivity. Global Change Biology **26 (10)**: 5705-5715.
28. **Scharnweber, K.,** Gårdmark, A. 2020. Feeding specialists on fatty acid rich prey have higher gonad weights: pay-off in Baltic perch? Ecosphere **11(8)**:e03234. 10.1002/ecs2.3234.
27. **Scharnweber, K.** 2020. Morphological and trophic divergence of lake and stream minnows (*Phoxinus phoxinus*). Ecology and Evolution **10 (15):** 8358-8367.
26. Chaguaceda, F., Eklöv, P. & **Scharnweber, K**. 2020. Regulation of fatty acid composition related to ontogenetic changes and niche differentiation of a common aquatic consumer. Oecologia **193**: 325-336.
25. **Scharnweber, K.,** Chaguaceda, F., Dahlman, E., L. J. Tranvik & Eklöv, P. 2020. The emergence of fatty acids – Aquatic insects as vectors along a productivity gradient. Freshwater Biology. **65 (3)**: 565-578.
24. Marklund M. H. K., Svanbäck, R., Faulks, L., Breed, M., **Scharnweber, K.,** Zha, Y. & Eklöv, P. 2019. Asymmetrical habitat coupling of an aquatic predator – the importance of individual specialisation. Ecology and Evolution **9 (6):** 3405-3415.

23. Nydahl, A. C., Wallin, M. B., Tranvik, L. J., Hiller, C., Attermeyer, K., Garrison, J., Chaguaceda, F., **Scharnweber, K**. & Weyhenmeyer, G. A. 2019. Colored organic matter increases $CO_2$ in meso-eutrophic lake water through altered light climate and acidity. Limnology & Oceanography **64 (2):** 744-756.
22. Mehner, T., Lischke, B., **Scharnweber, K.,** Attermeyer, K., Brothers, S., Gaedke, U., Hilt, S. & Brucet, S. 2018. Empirical correspondence between trophic transfer efficiency in freshwater food webs and the slope of their size spectra. Ecology **99 (6):** 1463-1472.
21. Marklund, M. H. K., Svanbäck, R., Zha, Y., **Scharnweber, K.** & Eklöv, P. 2018. The influence of habitat accessibility on the dietary and morphological specialization of an aquatic predator. Oikos **127 (1):** 160-169.
20. Lischke, B., Mehner, T., Hilt, S., Attermeyer, K., Brauns, M., Brothers, S., Grossart, H. P., Köhler, J. **Scharnweber, K.** & Gaedke, U. 2017. Benthic carbon is inefficiently transferred in the food webs of two eutrophic shallow lakes. Freshwater Biology **62(10):** 1693-1706.
19. **Scharnweber, K.,** Strandberg, U., Karlsson, K. & Eklöv, P. 2016. Decrease of Population Divergence in Eurasian Perch (*Perca fluviatilis*) in Browning Waters: Role of Fatty Acids and Foraging Efficiency. PLOSone **11(9):** e0162470. doi:10.1371/journal.pone.0162470.
18. **Scharnweber, K.,** Strandberg, U. Marklund, M. H. K. & Eklöv, P. 2016. Combining resource use assessment techniques reveal trade-offs in trophic specialization of perch. Ecosphere **7(8)**: e01387. 10.1002/ecs2.1387.
17. Syväranta, J., **Scharnweber, K.**, Brauns, M. Hilt, S. & Mehner, T. 2016. Assessing the utility of hydrogen, carbon and nitrogen stable isotopes in estimating consumer allochthony in two shallow eutrophic lakes. PLOSone **11(5)**: e0155562. doi:10.1371/journal.pone.0155562.
16. Mikolajewski, D., **Scharnweber, K.**, Jiang, B., Leicht, S., Mauersberger, R. Johansson, F. & Rolff, J. 2016. Changing the habitat: the evolution of inter-correlated traits to escape from predators. Journal of Evolutionary Biology **29**: 1394-1405.
15. Mehner, T., Attermeyer, K., Brauns, M., Brothers, S., Diekmann, J., Gaedke, U., Grossart, H.-P., Köhler, J., Lischke, B., Meyer, N., **Scharnweber, K.**, Syväranta, J., Vanni M. J. & Hilt, S. 2016. Weak response of animal allochthony and production to enhanced supply of terrestrial leaf litter in nutrient-rich lakes. Ecosystems **19**: 311-325.
14. Lischke, B., Weithoff, G., Wickham, S. A., Attermeyer, K., Grossart, H.-P., **Scharnweber, K.**, Hilt, S. & Gaedke, U. 2016. Large biomass of small feeders: Ciliates may dominate herbivory in eutrophic lakes. Journal of Plankton Research **38 (1):** 2-15.
13. Tobler, M., **Scharnweber, K.**, Greenway, R., Passow, C., Arias-Rodriguez, L., & García-De-León, F. 2015. Convergent changes in the trophic ecology of extremophile fish occurring along replicated environmental gradients. Freshwater Biology **60(4)**: 768-780.
12. Hilt, S., Wanke, T., **Scharnweber, K**., Brauns, M., Syväranta, J., Brothers, S., Gaedke, U., Köhler, J., Lischke, B. & Mehner T. 2015. Contrasting response of two shallow eutrophic lakes to a partial winterkill of fish. Hydrobiologia **749(1)**: 31-42.
11. **Scharnweber, K.**, Vanni, M.J., Hilt, S., Diekmann, J., & Mehner, T. 2014. Boomerang ecosystem subsidies: Organic carbon inputs from land to lakes are returned to terrestrial food webs via aquatic insects. Oikos **123**: 1439-1448.
10. Brothers, S., Köhler, J., Attermeyer, K., Grossart, H-P., Mehner, T., Meyer, N., **Scharnweber. K** & Hilt, S. 2014. A feedback loop links brownification and anoxia in a temperate, shallow lake. Limnology and Oceanography **59(4)**: 1388-1398.
09. **Scharnweber, K.**, Syväranta, J., Hilt, S., Brauns, M., Vanni, M.J., Brothers, S., Köhler, J., Knežević-Jarić, J. & Mehner, T. 2014. Whole-lake experiments reveal the fate of terrestrial particulate organic carbon in benthic food webs of shallow lakes. Ecology **95 (6)**: 1496-1505.
08. Brothers, S., Hilt, S., Attermeyer, K., Grossart, H-P., Kosten, S., Lischke, B., Mehner, T., Meyer, N., **Scharnweber, K.** & Köhler, J. 2013. A regime shift from macrophyte to phytoplankton dominance enhances carbon burial in a shallow, eutrophic lake. Ecosphere **4:11** DOI: 10.1890/ES13-00247.1.

07. **Scharnweber, K.**, Watanabe, K., Syväranta, J., Wanke, T., Monaghan, M.T. & Mehner, T. 2013. Effects of predation pressure and resource use on morphological divergence in omnivorous prey fish. BMC Evolutionary Biology **13:132**, DOI: 10.1186/1471-2148-13-132.
06. **Scharnweber, K**., Plath, M. & Tobler, M. 2011. Trophic niche segregation between the sexes in two species of livebearing fishes (Poeciliidae). Bulletin of Fish Biology **13**:11-20.
05. **Scharnweber, K.**, Plath, M., Winemiller, K.O. & Tobler, M. 2011. Dietary niche overlap in sympatric asexual and sexual livebearing fishes (*Poecilia* spp.). Journal of Fish Biology **79**:1760-1773.
04. **Scharnweber, K.**, Plath, M. & Tobler, M. 2011. Examination of boldness traits in sexual and asexual mollies (*Poecilia latipinna*, *P. formosa*). Acta Ethologica **14**:77-83.
03. **Scharnweber, K.**, Plath, M. & Tobler, M. 2011. Feeding efficiency and food competition in coexisting sexual and asexual livebearing fishes of the genus *Poecilia*. Environmental Biology of Fishes **90**:197-205.
02. Riesch, R., Duwe, V., Herrmann, N., Padur, L., Ramm, A., **Scharnweber, K.**, Schulte, M., Schulz-Mirbach, T., Ziege, M. & Plath, M. 2009. Variation along the shy-bold continuum in extremophile fishes (*Poecilia mexicana*, *Poecilia sulphuraria*). Behavioural Ecology and Sociobiology **63**:1515-1526.
01. Ziege, M., Padur, L., Duwe, V., Ramm, A., **Scharnweber, K.**, Riesch, R. & Plath, M. 2008. Audience effect alters mate choice in male *Heterophallus milleri* (Poeciliidae). Bulletin of Fish Biology **10**:87-92.

## SUBMITTED PUBLICATIONS

Andersson, M. L., **Scharnweber, K**., & Eklöv, P. The interaction between metabolic rate, habitat choice, and resource use in a polymorphic freshwater species. Under review in Ecology and Evolution.

Mehner, T., Attermeyer, K., Brauns, M., Brothers, S., Hilt, S., Scharnweber, K., van Dorst, R., Vanni, M. J., Gaedke, U. Trophic transfer efficiency in lakes. Under review in Ecosystems.

## INVITED TALKS

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| 04 2021 | "Talk of the month" Berlin-Brandenburg Institute of Advanced Biodiversity Research (BBIB), Germany |
| 10 2020 | Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin, Germany |
| 08 2020 | Brandenburg University of Technology Cottbus-Senftenberg, Cottbus, Germany |
| 11 2019 | Swiss Federal Institute of Aquatic Science and Technology (Eawag), Kastanienbaum, Switzerland |
| 01 2019 | Research and Technology Centre, West Coast, Kiel University, Büsum, Germany |
| 04 2018 | Department of Earth Sciences, Campus Gotland, Uppsala University, Sweden |
| 04 2017 | Swedish University of Agricultural Sciences (SLU), Institute of Coastal Research, Öregrund, Sweden |
| 12 2016 | Royal Netherlands Institute for Sea Research (NIOZ), Texel, The Netherlands |
| 10 2014 | Annual Meeting of the German Limnological Society (DGL), Magdeburg, Germany |

## PRESENTATIONS AT SCIENTIFIC MEETINGS (FIRST AUTHOR)

- 2021: Annual Meeting of German Limnological Society (DGL), Leipzig, Germany
- 2021: IsoEcol2021, virtual Covid Interlude 11.5
- 2019: Swedish Oikos 2019, Uppsala, Sweden
- 2019: ASLO Aquatic Sciences Meeting, San Juan, Puerto Rico
- 2018: Perch as a keystone species, Workshop at University of Rostock, Germany
- 2018: Gene E. Likens Mini Symposium, Uppsala, Sweden
- 2017: DynaTrait Conference, Hannover, Germany
- 2017: Uppsala Water Centre Mini Symposium, Uppsala, Sweden

- 2015: ESA Annual Meeting, Baltimore, Maryland, USA
- 2015: Finnish National Ecology Meeting, Joensuu, Finland
- 2015: Oikos Meeting, Umeå, Sweden
- 2014: ASLO Aquatic Sciences Meeting, Portland, Oregon, USA
- 2013: Annual Meeting of German Limnological Society (DGL), Potsdam, Germany
- 2012: ASLO Aquatic Sciences Meeting, Otsu, Japan
- 2011: Meeting of the European Society for Evolutionary Biology (ESEB), Tübingen, Germany

## APPROVED RESEARCH PROJECTS

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| 2017-2019 | **Scharnweber, K.** (PI) *Patterns of morphological and trophic divergence of lake and stream minnows (Phoxinus phoxinus).* Olsson-Borghs Stiftelse, Research grant (SEK 200 000) |
| 2014-2016 | **Scharnweber, K.** (PI) *Boreal lakes in a changing climate: brown waters and the consequences for fish growth*. Olsson-Borghs Stiftelse, Research grant (SEK 209 000) |
| 2014-2016 | **Scharnweber, K.** (PI) *Population divergence along gradients of dissolved organic carbon– effects of food web structure and food quality*, German Academic Exchange Service (DAAD), PostDoc scholarship (€ 41 830) |
| 2009 | **Scharnweber, K.** (PI) *Trophic niche segregation between sexual and asexual species of the genus Poecilia*, German Academic Exchange Service (DAAD), Thesis scholarship (€ 3 700) |

## FUNDING

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| 11 2017 | Faculty of Science and Technology, Uppsala University, The Vice-Chancellor's travel grants from the Knut and Alice Wallenberg Foundation, *Travel grant* (SEK 2 900) |
| 09 2017 | German Limnological Society (DGL), *Travel grant* (€ 600) |
| 05 2016 | Council for Equal Opportunity, Faculty of Science and Technology, Uppsala University, *Back-to-Research-grant* (SEK 67 200), |
| 08 2015 | Center for International Cooperation of Freie Universität Berlin, *Networking grant* (€ 450) |
| 04 2015 | Liljewalchs Stiftelse, *Travel grant* (SEK 12 350) |
| 09 2013 | IGB Equal Opportunity Fund for young female Scientists and Families, *Gender support grant* (€ 14 200) |
| 07 2012 | German Academic Exchange Service (DAAD), *Travel grant* (€ 1 900) |
| 04 2009 | German Ichthyological Association (GfI), *Research grant* (€ 700) |

## TRAINING IN TEACHING AND LEARNING

- Assessment, grading, and feedback, Division of Quality Enhancement, Unit of Academic Teaching and Learning, Spring 2019, Uppsala University
- Student-centered learning, TUR, the Council for Educational Development, Spring 2018, Uppsala University
- Supervising PhD Students, Division of Quality Enhancement, Unit of Academic Teaching and Learning, Autumn 2017, Uppsala University
- Academic teacher training Division of Quality Enhancement, Unit of Academic Teaching and Learning, Autumn 2017, Uppsala University
- Supervisor Training within the Faculty of Science and Technology Spring 2015, Uppsala University

## TEACHING

- Autumn 2021: *Lecture*r in **Good Scientific Practice,** mandatory Third Cycle seminar within research training group BioMove, University of Potsdam, Germany
- Autumn 2020: *Lecturer* in **Fish Ecology**, part of the First and Second Cycle Course "Limnology", Uppsala University, Sweden
- Spring 2019: *Lecturer* in **Subsystems of the Baltic Sea**, part of the Second Cycle Course "The Baltic Sea-Ecology and Natural Resources", Uppsala University, Sweden
- Spring 2019, Spring 2018: *Lecturer* in **Stable Isotopes in Ecosystem Science**, part of the Second Cycle Course "Aquatic Ecosystems", Uppsala University, Sweden
- Autumn 2018, Autumn 2017: *Lecturer* in **River Ecology**, part of the First and Second Cycle Course "Limnology", Uppsala University, Sweden
- Spring 2015: *Course administrator* and *lecturer* in the First and Second Cycle Course **Alpine and Aquatic Ecology** at the Tagliamento River, Italy ("Alpin-aquatisches Geländepraktikum"), Free University Berlin, Germany

## SUPERVISION OF STUDENTS

*PhDs:*

- 08 2017-10 2021: Matilda Andersson, Uppsala University, Sweden; *co-supervisor* "Fish population responses to climate change: causes and consequences"
- 08 2015 –04 2020: Fernando Chaguaceda Borjabad, Uppsala University, Sweden; *co-supervisor* "Structure and dynamics of aquatic food webs in response to bottom-up and top-down processes"

*Master and visiting students*

- 08 2021 – 10 2021 Samantha Look and Klara Kaiser, Master´s students, Free University Berlin, Germany; *co-supervisor* "Feeding ecology of bats"
- 09 2018 – 06 2019 Robyn Övergaard, Master thesis, Uppsala University, Sweden; *supervisor* "The effect of different browning agents on the fitness and survival of *Daphnia magna*"
- 08 2018 – 11 2018: Leonie Haferkemper, Erasmus Internship, Bielefeld University, Germany, *supervisor* "Aquatic food webs under disturbance regimes"
- 06 2018 – 07 2018: Robyn Övergaard, Research Training, Uppsala University, Sweden; *supervisor* "The functional role of animals in mediating biogeochemical processes involved in the emissions of greenhouse gases"
- 05 2018 – 07 2018: Lucas Bolander, Project work, Uppsala University, Sweden; *supervisor* "The effects of the addition of concentrated dissolved organic carbons to hard and soft water systems"
- 02 2018 – 04 2018: Lucas Bolander, Research Training, Uppsala University, Sweden; *supervisor* "Effects of nutrient concentrations on aquatic foodwebs and greenhouse gas emissions- a mesocosm approach"
- 04 2016 - 06 2017: Julie Garrison, Master´s student, Stockholm University, Sweden; *co-supervisor* "Lake brownification and phytoplankton – A mesocosm study of production, composition, and functional changes"
- 04 2016 – 07 2016: Frizza Adilla, Research Training, Uppsala University, Sweden; *supervisor* "Shading and subsidy effects of dissolved organic carbon"
- 05 2016 – 10 2016: Christin Manthey, Erasmus student, Free University Berlin, Germany; *supervisor* "Trophic transfer and food web dynamics- zooplankton community response to subsidy and shade"
- 07 2015 - 09 2015: Zoe Almeida, Master's student, Purdue University, USA; *co-supervisor* "Consumer resource specialization across lacustrine systems: Inconsistent patterns and lack of effects of hypolimnetic hypoxia"

- 01 2012 - 05 2012: Jaana Rääpysjärvi, Erasmus student, University of Jyväskylä, Finland; *supervisor* "Estimation of secondary production in aquatic ecosystems"

## PROFESSIONAL AND INSTITUTIONAL SERVICES

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| 11 2021 | Opponent of PhD defence of Illaria de Meo, Inland Norway University of Applied Science, Evenstad, Norway |
| 10 2021 | Chair of the session "Aquatic food webs" at the Annual Meeting of the German Limnological Society (DGL), Leipzig, Germany |
| 2016-2020 | PostDoc representative to the board of the Limnology Department, Uppsala University |
| 06 2019 | Opponent during the Master's thesis defence of Erik Dahlman, Uppsala University |
| 02 2019 | Member of the organizing group of the Swedish Oikos 2019 conference |
| 02 2019 | Chair of the session "Eco-Evolutionary Dynamics-Facing changes and changing faces" at the Swedish Oikos 2019 conference, Uppsala, Sweden |
| 05 2018 | Opponent during the Master's thesis defence of Kasparas Bublys, Uppsala University |
| 09 2016 | Chair of the session "Terrestrial organic matter in freshwaters – ecosystem responses in the face of rapid environmental change" at the Annual Meeting of the German Limnological Society (DGL), Vienna, Austria |
| 12 2015 | Organization of the Kick-off meeting of the KAWater project, Uppsala University |
| 06 2015 | Opponent during the Master's thesis defence of Asa White, Uppsala University |
| 12 2014 | Organization of a "Grant and Proposal Writing Workshop" during the 2014 retreat of the Limnology Department of Uppsala University |
| 06 2014 | Opponent during the Master's thesis defence of Joaquín Alcade, Uppsala University |
| 12 2013 | Member of the committee during the Master's thesis defence of Stefan Linzmaier, IGB |

## PUBLIC OUTREACH

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| 01 2019 | Host of exhibition "Women in Limnology" at Uppsala University |
| 02 2018 | Darwin in the museum- Love evolution! Event at the National History Museum in Stockholm, Sweden. Activity station to explain phenotypic plasticity in Darwin Finches to the public ("Picky finches: It's all in the beak!") |
| 08 2017 | Workshop on "The Water World" (Vattenvärlden) for the staff of Biotopia, a nature discovery center in Uppsala, Sweden |
| 07 2016 | Presentation about my scientific career path and the KAWater experiments to the students of the Berufsbildungzentrum Rendsburg-Eckernförde |

## REVIEWING

- External expert for a Veni grant of the Netherlands Organisation for Scientific Research (NWO) within the Innovational Research Incentives Scheme of the Domain Science.
- External referee for >50 manuscripts in total for American Naturalist, Oikos, Biological Journal of the Linnean Society, Limnology & Oceanography Letters, Limnology & Oceanography, Aquatic Sciences, Aquatic Ecology, Ecology and Evolution, Freshwater Biology, Scientific Reports, Freshwater Science, Science of the Total Environment, Oecologia, Food Webs, Ecosphere, PLOSone, Aquatic Microbial Ecology, Journal of Fish Biology, Journal of Great Lakes Research, Journal of Ethology, Ethology, Journal of Limnology, International Review of Hydrobiology, Limnologica, Ecological Entomology, Ecological Engineering, and Hydrobiologia.

  See my verified list of reviews from recent years in publons:
  https://publons.com/author/1259071/kristin-scharnweber#profile

## MEMBERSHIP IN PROFESSIONAL SOCIETIES

- German Limnological Society (DGL)
- Association for the Sciences of Limnology and Oceanography (ASLO)
- Swedish Oikos Society
- Ecological Society of America (ESA)
- International Society of Limnology (SIL)

## ADDITIONAL TRAINING

- Public Trust and Perception of Science – How do we improve the public's trust and perception of science & avoid misinterpretation of science in the news? 10 2020, National Junior Faculty of Sweden
- Science Communication, 06 2020, Science Crunchers
- Transportation of living animals, 11 2018, Uppsala University
- Leadership and coaching, 11 2018, Uppsala University
- Fish monitoring techniques and laboratory animal science - electrofishing (Försöksdjursvetenskapskursen för provfiskemetoden – Elfiske), 06 2018, Swedish University of Agricultural Sciences (SLU)
- Swedish Legislation, Ethics and Animals Use and Laboratory Animal Science for Researcher – Fish; 05 2017, Uppsala University
- Stable Isotope Mixing Models, 01 2016, Scottish Centre for Ecology and the Natural Environment, United Kingdom
- Ecological stoichiometry, 10 2015, Uppsala University
- Fatty Acid Analyses, 01 2015, Paula Kankaala Lab, Department of Environmental and Biological Sciences. University of Joensuu, Finland
- Stable Isotope Analyses, 08 2010, 08 2011, and 01 2012, Roger Jones Lab, Aquatic Sciences, University of Jyväskylä, Finland
- Geometric Morphometrics Workshop 2011, Telč, Czech Republic

## REFERENCES

- Prof. Dr. Peter Eklöv, Uppsala University, Sweden; Evolutionary Biology Centre, Department of Ecology and Genetics; Limnology. Phone: +46-18-471-2720. Email: peter.eklov@ebc.uu.se.
- Prof. Dr. Lars Tranvik, Uppsala University, Sweden; Evolutionary Biology Centre, Department of Ecology and Genetics; Limnology. Phone: +46-18-471-2722. Email: lars.tranvik@ebc.uu.se.
- Prof. Dr. Florian Jeltsch, University of Potsdam, Germany; Plant Ecology and Nature Conservation. Phone: +49-331-977-1954. Email: jeltsch@uni-potsdam.de