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EMPLOYMENT

- 2003 - present Senior scientist, Leibniz Institute for Zoo and Wildlife Research Berlin, Germany.
- 2002 Postdoctoral research associate, Leibniz Institute for Molecular Pharmacology Berlin, Germany.
- 1996 - 2001 Doctoral student, University of Bern, Switzerland, and Max Planck Institute for Behavioural Physiology Seewiesen, Germany.
- 1995 - 1996 Scholar of the Deutsche Akademische Austauschdienst (DAAD) for advanced scientific education, MPIV Seewiesen and Ludwig-Maximilians-Universität Munich, Germany.

EDUCATION

- 1996 - 2001 Doctorate in Philosophy and Natural Sciences (Dr. phil. nat.), University of Bern and Max Planck Institute for Behavioural Physiology Seewiesen.
- 1988 - 1990 Diplomate in Natural Sciences (Dipl. Natw. ETH), Swiss Federal Institute of Technology (ETH) Zurich, Switzerland.
- 1991 - 1994

RESEARCH INTERESTS

Mate choice, sexual selection, sexual conflict, dispersal, cultural evolution, human-carnivore conflict

LECTURES, ASSIGNMENTS, REVIEWS, SUPERVISION, CONFERENCE ORGANISATION

- Lectures Basics in Zoo and Wildlife Research, undergraduate studies, Freie Universität Berlin
- Assignments Red List Authority, IUCN/SSC Hyaena Specialist Group (since 2007)
Scientific advisor, Tanzania Wildlife Research Institute
Scientific advisor, Ngorongoro Conservation Area Authority

Reviews	Science journals: Behavioral Ecology, Behavioral Ecology and Sociobiology, Biology Letters, Current Biology, Ethology, Journal of Animal Ecology, Journal of Evolutionary Biology, Journal of Mammalogy, Journal of Tropical Ecology, Mammal Review, Mammalian Biology, Methods in Ecology and Evolution, Molecular Biology, PLOS ONE, Population Ecology, Proceedings of the Royal Society of London B, South African Journal of Wildlife Research Funding agencies: German Science Foundation/Deutsche Forschungsgemeinschaft DFG
Conference organisation	Wildlife Research and Conservation, Berlin, Germany, 29.09.-02.10.2019, 300 participants.

LANGUAGES

Swiss German (native language), German (near native), English (highly proficient), French (fluent), Swahili (intermediate), Portuguese (basic), Italian (basic)

TEN SELECTED PUBLICATIONS

Vulllioud C*, Davidian E*, Wachter B, Rousset F, Courtiol A[#], **Höner OP**[#] (2019) Social support drives female dominance in the spotted hyaena. **Nature Ecology & Evolution** 3: 71-76.

doi:10.1038/s41559-018-0718-9.

*co-first author; [#]co-last author

Davidian E, Courtiol A, Wachter B, Hofer H, **Höner OP** (2016) Why do some males choose to breed at home when most other males disperse? **Science Advances** 2: e1501236.

doi:10.1126/sciadv.1501236

Davidian E*, Benhaim S*, Courtiol A, Hofer H, **Höner OP**, Dehnhard M (2015) Determining hormone metabolite concentrations when enzyme immunoassay accuracy varies over time. **Methods in Ecology and Evolution** 6(5): 576-583. doi:10.1111/2041-210X.12338.

*Co-first author

Höner OP, Wachter B, Goller KV, Hofer H, Runyoro V, Thierer D, Fyumagwa RD, Müller T, East ML (2012) The impact of a pathogenic bacterium on a social carnivore population. **Journal of Animal Ecology** 81(1): 36-46. doi:10.1111/j.1365-2656.2011.01873.x.

Höner OP, Wachter B, Hofer H, Wilhelm K, Thierer D, Trillmich F, Burke T, East ML (2010) The fitness of dispersing spotted hyaena sons is influenced by maternal social status. **Nature Communications** 1: 60. doi:10.1038/ncomms1059.

Höner OP, Wachter B, East ML, Streich WJ, Wilhelm K, Burke T, Hofer H (2008) Do female hyaenas choose mates based on tenure? Reply. **Nature** 454: E2. doi:10.1038/nature07123.

Höner OP, Wachter B, East ML, Streich WJ, Wilhelm K, Burke T, Hofer H (2007) Female mate-choice drives the evolution of male-biased dispersal in a social mammal. **Nature** 448(7155): 798-801. doi:10.1038/nature06040.

Höner OP, Wachter B, Speck S, Wibbelt G, Ludwig A, Fyumagwa RD, Wohlsein P, Lieckfeldt D, Hofer H, East ML (2006) Severe *Streptococcus* infection in spotted hyenas in the Ngorongoro Crater, Tanzania. **Veterinary Microbiology** 115(1-3): 223-228. doi:10.1016/j.vetmic.2005.12.018.

Höner OP, Wachter B, East ML, Runyoro VA, Hofer H (2005) The effect of prey abundance and foraging tactics on the population dynamics of a social, territorial carnivore, the spotted hyena. **Oikos** 108(3): 544-554. doi:10.1111/j.0030-1299.2005.13533.x.

Höner OP, Wachter B, Hofer H, East ML (2002) The response of spotted hyenas to long-term changes in prey populations: functional response and interspecific kleptoparasitism. **Journal of Animal Ecology** 71(2): 236-246. doi:10.1046/j.1365-2656.2002.00596.x.

SCIENCE COMMUNICATION

Websites (English: <https://hyena-project.com>, German: <https://de-ngorongoro.hyena-project.com/>, French: <https://fr-ngorongoro.hyena-project.com/>), >3.500 visitors per month from 140 countries

Twitter (@HyenaProject), >4.000 tweets, >6.500 followers, >3 million impressions

YouTube (www.YouTube.com/HyenaProject), 18 videos, >20.000 subscribers, >6 million views from 240 countries/regions

Twelve blog articles and contributions in the popular press

Participation in eight TV shows, podcasts and on the radio