

# Curriculum Vitae

## PD Dr. Christian C. Voigt

Senior staff scientists; Leibniz Institute for Zoo and Wildlife Research (group leader, deputy departmental head)  
Department Evolutionary Ecology

Professional web page: [www.batlab.de](http://www.batlab.de)

Behavioral physiology and ecology

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### Job description

Research scientists, head of the stable isotope laboratory, lecturer of the Freie Universität Berlin, steering member of the Berlin-Brandenburg Centre for Stable Isotope Ecology, founding member of the Berlin-Brandenburg Institute of Advance Biodiversity Research

### Research fields and interests

Behavioral physiology, sociobiology, olfactory communication, stable isotope ecology, wildlife human conflicts, conservation, urban ecology

### Professional appointments

Since 2001	Research Scientist at the IZW
Since 2004	Tenured Senior Research Scientist
Since 2007	Founder and Head of the stable isotope laboratory of the iZW
2008-2010	Lecturer at Humboldt University Berlin
Since 2011	Lecturer at Freie Universität Berlin

### Education

1993	Degree Diploma in Biology, University of Erlangen-Nuremberg
1998	Dr. rer. nat., University of Erlangen-Nuremberg
1999	Postdoc Boston University
2000	Postdoc Cornell University
2001	Visiting scientist at the University of Bielefeld
2008	Habilitation (venia legendi Zoology) Humboldt University Berlin

### Selected publications

More than 135 publications in peer-reviewed journals and book, H-Index = 27, i10-Index = 70

Selected papers:

Lewanzik, D., Voigt, C.C. (2014) Artificial light at night puts ecosystem services of neotropical bats at risk. **Journal of Applied Ecology** in press.

Voigt, C.C., Schneeberger, K., Luckner, A. (2013) Ecological and dietary correlates of stable hydrogen isotope ratios in fur and body water of syntropical tropical bats. **Ecology** 94: 346-355.

Voigt, C.C., Sörgel, K., Suba, J., Keiss, O., Petersons, G. (2012) The insectivorous bat *Pipistrellus nathusii* uses a mixed-fuel strategy to power autumn migration. **Proceedings of the Royal Society London: Biological Sciences** 279: 3772-3778.

- Ghanem, S.J., Voigt, C.C. (2012) Increasing awareness of ecosystem services provided by bats. **Advances in the Study of Behavior** 44: 279-302.
- Puechmaille, S.J., Frick, W.F., Kunz, T.H., Racey, P.A., Voigt, C.C., Wibbelt, G., Teeling, E.C. (2011) White Nose Syndrome: An emerging disease threat to temperate zone bats. **Trends in Ecology and Evolution** 26: 570-576.
- Voigt, C.C., Lewanzik, D. (2011) Trapped in the darkness of the night: Thermal and energetic constraints of daylight flight in bats. **Proceedings of the Royal Society of London: Biological Sciences** 278:2311-2317.
- Voigt, C.C., Sörgel, K., Suba, J., Keiss, O., Petersons, G. (2012) The insectivorous bat *Pipistrellus nathusii* uses a mixed-fuel strategy to power autumn migration. **Proceedings of the Royal Society London: Biological Sciences** 279: 3772-3778.
- Voigt, C.C., Sörgel, K., Dechmann, D.K.N. (2010) Refuelling while flying: Foraging bats combust food rapidly and directly to fuel flight. **Ecology** 91:2908-2917.
- Voigt, C.C., Speakman, J.R. (2007) Nectar-feeding bats fuel their high metabolism directly with exogenous carbohydrates. **Functional Ecology** 21: 913-921.

## Teaching and education, outreach

Methods in Behavioral Biology, Behavioral Ecology, Tropical Ecology, Behavioral Ecology in the Tropics, Bat Biology, Behavioral Ecology of Bats

Interviews broadcasted in numerous TV and radio shows, media coverage in all major newspapers and scientific journals.

## Professional roles and services to the scientific community

Editorial Board, *Journal of Mammalogy* (2007-2011)

Editorial Board, *Behavioral Ecology and Sociobiology* (since 2011)

Editorial Board, *Oecologia* (since 2012)

Head organizer of the 1<sup>st</sup> International Conference on Bat Migration (1<sup>st</sup> International Berlin Bat Meeting)

Head organizer of the 2<sup>nd</sup> International Berlin Bat Meeting: Emerging Infectious Diseases in Bats

Head organizer of the 3<sup>rd</sup> International Berlin Bat Meeting: Bats in the Anthropocene

Head organizer of the 4<sup>th</sup> International Berlin Bat Meeting: Movement Ecology of Bats

Head organizer of the International Conference for Physiology, Behavior and Genetics of Wildlife

Organizer of several symposia

Reviewer of various funding agencies: German National Science Foundation (DFG), National Science Foundation of the U.S.A., National Geographic Society among others

## Awards

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| 1995-1997 | Doctoral fellow of the Studienstiftung des deutschen Volkes (German National Academic Foundation) |
| 1999      | Postdoctoral fellow of the DAAD (German Academic Exchange Service)                                |
| 2000      | Postdoctoral fellow of the DAAD (German Academic Exchange Service)                                |
| 2006      | Winner of the German Business Plan Competition of McKinsey and Deutsche Bank                      |