

Curriculum vitae

Name **KÖNIG**
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Date of Birth February 23, 1955
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Position Full Professor, emerita; Ph.D.
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Education

1974 - 1979 Study of biology (Diplom), University of Konstanz, Germany
1980 12 months as a graduate research student at Monash University, Melbourne, Australia (J.M. Cullen)
1981 - 1985 Ph.D. Thesis (summa cum laude), University of Konstanz, Germany (Supervisor: H. Markl)

Research experience and positions held

1985 - 1988 Postdoctoral research assistant at the University of Basel, Switzerland (S.C. Stearns)
1988 - 1989 Free lance translator of scientific textbooks
1989 - 1995 Research assistant (Hochschulassistentin) at the University of Würzburg, Germany (K.E. Linsenmair)
1995 Habilitation (Dr. habil., venia legendi) in Zoology at the University of Würzburg
1995 - 1996 Oberassistentin (equivalent: Assistant Professor) in Zoology, University of Würzburg
1996 Heisenberg Fellow of the DFG (German Science Foundation)
1996 Visiting Scientist at the Indian Institute of Sciences, Bangalore, India
1996 - 2012 Associate Professor in Zoology, Animal Behaviour, University of Zurich
since 2012 Full Professor in Zoology, Animal Behaviour, University of Zurich
2012 - 2016 Managing Director, Department of Evolutionary Biology and Environmental Studies, University of Zurich, Zurich
2016 Visiting Scientist at Harvard University, USA
2016 - 2018 Deputy Director, Department of Evolutionary Biology and Environmental Studies, University of Zurich, Zurich
2020 Professor emerita, University of Zurich

Academic Awards, Scholarships and Fellowships

1981 - 1984 Scholarship (Promotionsstipendium) of the "Studienstiftung des Deutschen Volkes"
1985 "Byk-Preis" of the Herbert-Quandt-Stiftung (best doctoral thesis in Biology)

- 1996 Heisenberg-fellowship of the German Science Foundation (DFG, Deutsche Forschungsgemeinschaft)
- 2011 Elected member of the European Academy for Sciences and Arts
- 2014 Heisenberg Medaille, Alexander von Humboldt Stiftung
- 2022 Stellenbosch Institute of Advanced Studies (STIAS) Fellowship, Stellenbosch, South Africa
- 2022 Ehrenmitgliedschaft (Honorary Member) Ethologische Gesellschaft e.V.

Invited Plenary and Symposium Contributions

- 1988 International Conference “Evoluzione e ecologia del comportamento sociale”, Florence, Italy; plenary
- 1991 ASAB workshop (Association for the Study of Animal Behaviour) “Adaptive bases of female reproductive behaviour”, Glasgow, Scotland GB; plenary
- 1992 International Workshop “Parental investment”, Lausanne, Switzerland; plenary
- 1994 87th Conference of the German Zoological Society (DZG), Jena, Germany; plenary
- 1999 73rd Conference of the German Society for Mammalogy, Bad Dürkheim, Germany; plenary
- 2000 Rheintaler Wirtschaftsforum „Wachstum durch Kooperation und Innovation“, Heerbrugg/Au, Switzerland; plenary
- 2001 International Conference “Dominance and Cooperation”, Louvain-la-Neuve, Belgium; plenary
- 2001 27th International Ethological Conference, Tübingen, Germany; plenary
- 2003 28th International Ethological Conference, Florianopolis, Brasilia; invited symposium speaker
- 2003 4th Göttinger Freilandtage, DPZ Göttingen, Germany; plenary
- 2004 19th International Congress of Zoology, Beijing, China; symposium organizer
- 2007 30th International Ethological Conference, Halifax, Canada; invited symposium speaker
- 2007 8. Münchner Wissenschaftstage, LMU München, Germany; plenary
- 2009 International Conference “Evolutionary Foundations and Functions of Close Social Bonds”, UCLA, Los Angeles, USA; plenary
- 2016 8th European Conference of Behavioural Biology, Vienna, Austria; plenary
- 2016 Jahrestagung der Deutschen Physikalischen Gesellschaft, Ulm, Deutschland; plenary
- 2017 91st Conference of the DGS (Deutsche Gesellschaft für Säugetierkunde), Greifswald, Germany; plenary
- 2017 35th International Ethological Conference, Estoril, Portugal; invited symposium speaker
- 2018 6th International Conference of Rodent Biology and Management, Potsdam, Germany; invited symposium speaker
- 2020 2nd Münster Evolution Meeting, plenary (postponed to 2021 due to CoVid19)
- 2020 113th Conference of the German Zoological Society (DZG), Würzburg, Germany; plenary (postponed to August 2021 due to CoVid19)

2020	Symposium: Novel Synthesis of Individualisation across Behaviour, Ecology and Evolution, Univ. Bielefeld, Germany; plenary (postponed due to CoVid19)
2021	ISEMPH 2021 Virtual Conference, Symposium: Infection Prevention by Behavioural Contact Modulation; invited symposium speaker
2021	113 th Conference of the German Zoological Society (DZG), virtual meeting; plenary
2021	CUSO Workshop: Evolution and impact of socially exchanged materials. University of Fribourg; invited speaker
2022	6 th International Mouse Meeting, Montpellier, France; plenary

Teaching

Animal Behaviour, Animal Evolution, Behavioural Ecology, Conservation Biology, Morphology, Principles of Evolution, Sociobiology, Systematics, Taxonomy, Vertebrate Biology; Field practical course in East Africa (Serengeti)

Function as Supervisor/Mentor (at the University of Zurich)

Graduate students (Diploma/Master): 79
 PhD students: 22
 Postdocs (with Habilitation): 11 (4)

Academic Guests (during Sabbatical leave, or Heisenberg fellow)

1999	Prof. Dr. Franz Josef Weissing, Univ. Groningen, Netherlands (6 months Sabbatical)
1999 - 2004	PD Dr. Sven Krackow, Heisenberg Fellow, Germany
2003	Prof. Dr. Klaus Reinhold, then Univ. Bonn, now Univ. Bielefeld, Germany (6 months Sabbatical)
2004 - 2005	FRS Prof. Timothy Clutton-Brock, Univ. Cambridge, England (6 months Sabbatical)
2019	Prof. Dr. Gerald Kerth, Univ. Greifswald, Germany (2 months Sabbatical)

Teaching at non-University Institutions (Summer Schools, Advanced Education)

1989	Sommerakademie III (Molveno) der Studienstiftung des Deutschen Volkes. Arbeitsgruppe: "Evolutionsbiologie" (gemeinsam mit Prof. Dr. J. Tautz).
1991	Fortbildungsveranstaltung der Staatl. Akademie für Lehrerfortbildung zum Thema: Neuere Erkenntnisse der Soziobiologie (Bad Liebenzell).
1991	Fortbildungsveranstaltung für Gymnasiallehrer des VdBiol (Verein Deutscher Biologen) zum Thema: Soziobiologie (Würzburg).
1992	Sommerakademie III (Molveno) der Studienstiftung des Deutschen Volkes. Arbeitsgruppe: "Bio-Kommunikation" (gemeinsam mit Prof. Dr. J. Tautz).
1995	Fortbildungsveranstaltung für Biologie-, Drogenkontakt- und Verbindungslehrer an Gymnasien, Fachoberschulen und Realschulen des VdBiol zum Thema: Sucht und Suchtprävention (Würzburg).

- 1998 Akademie der Schweizerischen Studienstiftung. Akademie VI Maienfeld: "Menschenbilder" (gemeinsam mit Prof. Dr. J. Helbling und Dr. M. Huppenbauer).
- 1999 LehrerInnenfortbildung: Kurs im Brennpunkt 1999: Tierisches und menschliches Verhalten; Didaktikum, Aarau, Schweiz.
- 2002 Workshop der Schweizerischen Studienstiftung. Intellectual Tool Biology: Life Sciences.
- 2005 Fortbildungsveranstaltung für SekundarlehrerInnen: Moderne Konzepte der Verhaltensbiologie, Univ. Zürich.
- 2008 Sommerakademie der Schweizerischen Studienstiftung. Akademie V Centro Evangelico, Magliasco: „Geist der Tiere“ (gemeinsam mit Prof. Hans-Johann Glock und Prof. Eric Kubli); with follow-up weekend in March 2009.
- 2013 Studienstiftung des Deutschen Volkes, Kolleg: Evolutionäre Anthropologie (mit Prof. Peter Kappeler); Rastatt, Deutschland.
- 2015 Studienstiftung des Deutschen Volkes, Kolleg: Evolutionäre Anthropologie (mit Prof. Peter Kappeler); Nürnberg, Deutschland.

Editorial Service

Editorial Board: *Zoology* (1999-2004)

Advisory Editor: *Behavioral Ecology and Sociobiology* (1997-2002)

Academic and Administrative Services

- 1996 - 1999 Speaker of the DZG e.V. ("Deutsche Zoologische Gesellschaft") Group "Evolutionsbiologie"
- 1997 - 2002 Member of the Presidential Board of the DZG e.V. ("Deutsche Zoologische Gesellschaft")
- 1998, 2002, 2004, 2006 Member of the "Niko Tinbergen-Förderpreis" prize committee (Ethologische Gesellschaft e.V.)
- 1999 - 2001 President of the "Zoologische Gesellschaft Zürich"
- 2000 – ongoing Member of the Supervisory Board (Verwaltungsrat) of the Zoo Zürich AG
- 2002 - 2009 Member of the Advisory Board (Beirat) of the "Ethologische Gesellschaft e.V."
- 2002 - 2007 Member of the Advisory Board (Kuratorium) of the KLIVV (Konrad Lorenz-Institut für Vergleichende Verhaltensforschung), Austrian Academy of Sciences, Vienna
- 2002 - 2010 Member of the Academic Board of the "Branco Weiss-Fellowship" (Society in Science)
- 2003 - 2004 President of the DZG e.V. ("Deutsche Zoologische Gesellschaft"; third largest zoological society worldwide)
- 2004 - 2008 Member of the Academic Board of the "Gesellschaft Deutscher Naturforscher und Ärzte" (GDNÄ e.V.)
- 2004 - 2009 Member of the Academic Board of the "Institut für Vogelforschung, Vogelwarte Helgoland"
- 2005 - 2018 Member of the Selection Committee for Lichtenberg-Professuren, Volkswagenstiftung, Hannover
- 2006 – 2019 President of the "Heinz Sielmann Stiftung Schweiz", Zürich
- 2007 – 2013 Member of the Scientific Advisory Board (Fachbeirat) of the Max-Planck-Institute for Evolutionary Biology, Plön

- 2008 - 2010 Member of the Scientific Advisory Board of the KLIVV (Konrad Lorenz-Institut für Vergleichende Verhaltensforschung), Austrian Academy of Sciences, Vienna.
- 2010 - 2014 Head of the Board (Forschungsrat) of the Alexander von Humboldt-Foundation, Bonn, Germany (selection of fellowships and research awards)
- 2011 - 2015 Secretary General Elect, International Council of Ethology
- 2012 - 2016 Managing Director, Department of Evolutionary Biology and Environmental Studies, University of Zurich, Switzerland
- 2013 Member of the International Evaluation Committee of the “Danish National Research Foundation” (DNRF), Kopenhagen, Danmark
- 2013 Member of the International Evaluation Committee “Deutsches Primatenzentrum (DPZ) – Leibniz-Institut für Primatenforschung”, Göttingen, Germany
- 2013 Member of the International Evaluation Committee of the “International Max-Planck Research School for Organismal Biology“ (IMPRS for Organismal Biology), Max-Planck Institute for Ornithology, Seewiesen, Germany
- 2013 - 2016 Member of the International Evaluation Committee of the Funding Initiative “Experiment! In search of bold research ideas”, Volkswagenstiftung, Hannover, Germany
- 2014 Elected member of the Max-Planck Society, Fachbeirat: Forschungsfeld E der Biologisch-Medizinischen Sektion
- 2015 Member of the International Evaluation Committee “Leibniz-Institut für Nutztierbiologie (FBN)”, Dummerstorf, Germany
- 2015 - 2019 Secretary General, International Council of Ethology (ICE)
- 2016 - 2018 Deputy Director, Department of Evolutionary Biology and Environmental Studies, University of Zurich, Switzerland
- 2016 Member of the International Review Committee of the Gulbenkian Institute of Science, Lisboa, Portugal
- 2020 Member in the International Review Committee ICREA Academia
- 2021- 2023 Member of the Board (Vorstand) of the Swiss Academy of Natural Sciences (SCNAT)
- 2021- 2023 Member of the Board (Vorstand) of SwissCollNet

Services at UZH (Science Faculty and University Zurich)

- 1998 – 2007 Member of the academic board (Trägerschaft) “Kompetenzzentrum für Gender Studies” (Univ. Zürich)
- 1999 – 2003 Member of the committee: Nachwuchsförderungskommission
- 1998 – 2006 Member of the “Wissenschaftshistorisches Kolloquium” (Univ. Zürich and ETH Zürich)
- 2000 – 2007 Member of the committee: “Öffentlichkeitsarbeit“
- 2000 – 2020 Member of the board (Stiftungsrat) of the “Stipendienstiftung Reiser-Siemssen / Selve-Gerdzen” (Stipendienfonds der Univ. Zürich)
- 2001 – 2003 Member of the committee: “Neustrukturierung der Biologie-Ausbildung für Oberstufenlehrer und Nebenfachbiologen“
- 2002 – 2005 Member of the board (Trägerschaft) of the “Graduiertenkolleg: Wissensgesellschaft und Geschlechterbeziehungen” (Univ. Zürich)
- 2004 – 2006 Coordinator of the Modul “Ethik als Wahlmodul für Biologen“
- 2005 Member of the committee: “Universitäre Lehre im Wandel”, ETH and Univ. ZH

- 2007 – 2012 Founding member and member of the Jury „Fakultäres Mentoring an der MNF“ (Peer Mentoring)
- 2012 – 2016 Member of the “Lehrkommission” (educational board) of the Fachbereich Biologie
- 2012 – 2016 Member of the Fakultätsausschuss (representative: Biology)
- 2013 – 2014 Advisory Board: “Gender Equality in Professorial Appointments”; MNF, University of Zurich
- 2015 – 2020 Member of the “MNF Gender Committee”, MNF, University of Zurich
- 2016 – 2020 Member of the “Seniorenuniversität”, University of Zurich

Member in “Berufungskommissionen” (faculty search committees)
 Member in “Habitationskommissionen” (promotion of habilitation)
 Member in “Beförderungskommissionen” (faculty promotion)

Regular participation with presentation of own research at public events of the Faculty or University

Service as Reviewer (Granting Agencies)

Alexander von Humboldt-Stiftung (Germany); Biotechnology and Biological Sciences Research Council (BBSRC, United Kingdom); BVET (Switzerland); Claude Leon Foundation (Royal Society of South Africa); Deutscher Akademischer Austauschdienst (DAAD, German Academic Exchange Programme, Germany); Deutsche Akademie der Naturforscher Leopoldina (Germany); Deutsche Forschungsgemeinschaft (DFG, German Science Foundation, Germany); Deutsche Wildtier Stiftung (Germany); European Research Council; ICREA Academia, Barcelona (Spain); Israel Science Foundation; Leibniz-Gemeinschaft (Germany); Marsden Fund (New Zealand); National Geographic Society (USA); National Research Foundation (South Africa); Natural Environment Research Council (United Kingdom); Österreichische Akademie der Wissenschaften (Austrian Academy of Sciences, Austria); Schweizerischer Nationalfonds (Swiss National Science Foundation, Switzerland); Schweizerische Studienstiftung (Switzerland); Studienstiftung des Deutschen Volkes (Germany); Volkswagenstiftung (Germany); Wissenschaftsrat der Bundesrepublik Deutschland (Germany)

Service as Reviewer (Scientific Journals)

Acta Theriologica; Animal Behaviour; Animal Welfare; Behavioral Ecology; Behavioral Ecology and Sociobiology; Behaviour; Biology Letters; Canadian Journal of Zoology; Current Biology; Developmental Psychobiology; Ecology Letters; Ethology; Ethology Ecology and Evolution; Evolution; Evolutionary Biology; Experientia; Frontiers in Ecology and Evolution; Frontiers in Zoology; Functional Ecology; Journal of Ethology; Journal of Evolutionary Biology; Journal of Experimental Biology; Journal of Mammalogy; Journal of Zoology; Molecular Ecology; Nature; Nature Communication; Naturwissenschaften; Open Biology; Philosophical Transactions of the Royal Society B; Physiology & Behavior; PLoS ONE; Proceedings of the National Academy of Sciences (PNAS); The Royal Society (Proceedings B); Trends in Ecology and Evolution; Zoology.

Reviewer for professorships (“Berufungsverfahren” or “tenure track” evaluation) at other Universities

Reviewer for external PhD theses or habilitations

Organization of meetings/symposia

2000	8 th International Behavioral Ecology Conference (ISBE), University of Zurich
2004	Symposium: "40 years of kin selection theory". 19 th International Congress of Zoology, Beijing, China
2008	Jubiläumssymposium "Wissen teilen". 175 Jahre Universität Zürich, Zürich
2008	International Conference "Communication and cooperation - from genes to behaviour", University of Konstanz, Germany
2008	International Workshop "Forest living bats", Fruska Gora, Serbien
2011	6 th International Topic Meeting (Thementagung) of the Ethologische Gesellschaft e.V. "Cooperation and Conflict Resolution", University of Zurich
2017	4 th International Mouse Meeting, University of Zurich
2020	10 th European Conference on Behavioural Biology, University of Zurich (cancelled in March 2020 due to CoVid19)

Grants (above 25'000,- Sfr)

1991 - 1993	Deutsche Forschungsgemeinschaft (DFG): "Evolution von sozialer Kooperation bei Säugern: Die gemeinschaftliche Jungenaufzucht bei Hausmäusen (<i>Mus domesticus</i>)". Ko 1170/1-1
1993 - 1994	Fortsetzungsantrag: Ko 1170/1-2
1994 - 1996	Fortsetzungsantrag: Ko 1170/1-3
1993 - 1994	DFG: "Jungenaufzucht und Fortpflanzungserfolg bei der Bechsteinfledermaus <i>Myotis bechsteini</i> ". Ko 1170/2-1
1994 - 1996	DFG: "Sozialstruktur und Fortpflanzungserfolg bei der Bechsteinfledermaus <i>Myotis bechsteini</i> ". Ko 1170/2-2 (in SPP "Genetische Analyse von Sozialsystemen")
1996 - 1998	Fortsetzungsantrag: Ko 1170/2-3
1998 - 2000	Fortsetzungsantrag: Ma 1737/1-4
1996 - 1997	Bundesamt für Naturschutz, Bonn; gemeinsam mit Gerald Kerth: Forschungs- und Entwicklungsvorhaben: "Untersuchungen und Empfehlungen zur Erhaltung der Fledermäuse in Wäldern"
1997 - 2002	Stiftung Forschung 3R: "Verhaltensgerechte Haltung mongolischer Rennmäuse". Projekt Nr. 58/97 (154'520,-- Sfr)
1998 - 2002	Schweizerischer Nationalfonds (SNF): "Communal nursing in house mice and its influence on social structuring". 31-50740.97/1 (224'154,-- Sfr)
2000 - 2004	Schweizerischer Nationalfonds (SNF); with Gerald Kerth: "The role of cooperative behaviour among female Bechstein's bats in structuring and stabilising maternity colonies". 31-59556.99/1 (235'000,-- Sfr)
2000 - 2004	Schweizerischer Nationalfonds (SNF); with Sven Krackow (PI): "Developmental determination and reproductive consequences of dispersal propensity in wild house mice (<i>Mus musculus domesticus</i>)". 31-59609.99/1 (210'000,-- Sfr)
2001 - 2004	SCOPES Schweizerischer Nationalfonds (SNF); with Gerald Kerth: "Ecology, behaviour and population genetics of the forest living Bechstein's bat (<i>Myotis bechsteini</i>) in Europe". 7BUPJ062292.00/1 (59'515,-- Sfr)

- 2001 - 2002 Roche Research Foundation; with Gerald Kerth: "Sociogenetics of a neotropical bat, *Tonatia silvicola*, with a unique roosting ecology". 204-2000 (25'000,-- Sfr)
- 2001 - 2004 International Brachet Foundation; with Gerald Kerth: "Consequences of social matrilineality on the genetic population structure in mammals" (181'000,-- BEF)
- 2002 - 2005 SUK (Schweizerische Universitätskonferenz) and Univ. Zürich: Graduiertenkolleg "Wissensgesellschaft und Geschlechterbeziehungen" (1'280'000,-- Sfr)
- 2005 - 2008 SCOPES Schweizerischer Nationalfonds (SNF) with Gerald Kerth: "Ecology, behaviour and population genetics of the forest living Bechstein's bat (*Myotis bechsteini*) in two glacial refuges: South-eastern Europe and the Caucasus". IB73A0-110999 (59'000,-- Sfr)
- 2008 - 2012 Schweizerischer Nationalfonds (SNF); with Anna Lindholm (PI): "Maternal selection in a population of wild house mice". 3100A0-120444/1 (273'810,-- Sfr)
- 2011 - 2012 Baugarten-Stiftung (37191509): "Quantitative genetics of communal nursing in wild house mice" (25'000,-- Sfr)
- 2012 - 2015 Schweizerischer Nationalfonds (SNF); with Anna Lindholm (PI) and Diethard Tautz: "Evolution of a selfish genetic element in wild house mice". 310030M_138389 (375'000,-- Sfr)
- 2012 - 2014 Schweizerischer Nationalfonds (SNF); with Frank Schweitzer (PI): "Payoffs of local and global network structures: reproductive career paths in wild house mice". CR311_140644/1 (492'111,-- Sfr)
- 2017 - 2020 Schweizerischer Nationalfonds (SNF): "Causes and consequences of social interactions in free-living female house mice". 31003A_176114/1 (582'281,-- Sfr)
- 2019 Schweizerischer Nationalfonds (SNF): "Long-term life-history data of small mammals". IZSEZO_190089/1