

Dr. rer. nat. Gisela Hilary Kopp (née Fickenscher)

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[Homepage](#)

German citizen

3 children *2013, *2015, *2018

SCIENTIFIC CAREER

- 03-05/2024 **Harris Distinguished Visiting Professor**
Department of Anthropology, Dartmouth College, Hanover/NH
- Since 2018 **Research Fellow**¹
Zukunftskolleg, University of Konstanz
- Additional affiliations:
- Department of Biology, University of Konstanz
 - Department of Migration, Max Planck Institute of Animal Behavior, Radolfzell
 - Centre for the Advanced Study of Collective Behaviour, University of Konstanz
- 2016 – 2018 **Postdoctoral Scientist**
Department of Migration, Max Planck Institute for Ornithology, Radolfzell
- 2010 – 2015 **Doctoral Scientist**
Cognitive Ethology Laboratory, German Primate Center, Göttingen
- 2007 **Field Assistant**
Centre de Recherche de Primatologie Simenti/Senegal
- 2004 – 2009 **Student Research Assistant**
Cognitive Ethology Laboratory, German Primate Center, Göttingen
- 2003 – 2004 **Research Intern**
Department of Primatology, Max Planck Institute for Evolutionary Anthropology, Leipzig

EDUCATION

- 2010 – 2015 **Dr. rer. nat., Biodiversity and Ecology**
Georg-August-University Göttingen
Dissertation: *Gene Flow Dynamics in Baboons: The Influence of Social Systems.*
Advisor: Prof. Dr. J. Fischer [PDF](#)
Grade: summa cum laude
- 2004 – 2010 **Diploma, Biology**
Georg-August-University Göttingen
Major: Anthropology, Zoology, Human Genetics
Diploma thesis: *Genetic Population Structure of Free-Ranging Guinea Baboons (Papio papio) in the Niokolo-Koba National Park, Senegal.*
Advisor: Prof. Dr. J. Fischer
Grade: sehr gut

¹ Comparable to assistant professorship (without tenure) <https://www.uni-konstanz.de/zukunftskolleg/fellowships/hector-pioneer-fellowship/>

CAREER DELAYS

- 2020 – 2022 Corona restrictions: irregular work impediments due to school and kindergarten closures and resulting increased care responsibilities
- 2013, 2015, 2018 3 children: parental leaves and periods of part time work equivalent to 36 months full-time leave

PROFESSIONAL DEVELOPMENT

Continued education (selection)

- 2017 – 2024 Baden-Württemberg-certificate for university didactics
- 2021 Leadership, management, knowledge transfer certificate, University of Konstanz
- 2012 – 2014 Mentoring program for excellent young female scientists, University Medical Center Göttingen
- 2012 Teaching skills for junior scientists
- 2011 Science communication

Languages

German (mother tongue), English (fluent), French (good), Spanish (basic), Wolof (basic)

INTERNATIONAL EXPERIENCE

International collaborations

- 2021 – *FecalFACS for noninvasive wildlife genomics* (cooperation with Prof. A. Melin, University of Calgary CA)
- 2021 – *Evolutionary consequences of social system variation* (cooperation with Dr. H. Morlon, Ecole Normale Supérieure FR, Prof. T. Bilde, University of Aarhus DK, Prof. James O'Dwyer, University of Illinois USA)
- 2021 – *Primates in Antiquity* (cooperation with Prof. N. Dominy, Dartmouth College US)
- 2017 – *The impact of ranging behaviour on genetic diversity and structure in mammals* (cooperation with Dr. M. Tucker, Radboud University NL, Prof. T. Müller, BiK-F DE, Dr. K. Safi, MPI Animal Behavior DE)
- 2017 – Member of the *Bat1K initiative to sequence the genomes of all living bat species* (directed by Prof. E. Teeling, University College Dublin IE & Dr. Sonja Vernes, MPI for Psycholinguistics, Nijmegen NL)
- 2015 – 2016 *Genomic analysis of noninvasive samples* (cooperation with Prof. J. Tung & Dr. N. Snyder-Mackler, Duke University US)
- 2014 – 2018 Member of the *Baboon Genome Analysis Consortium* (directed by Prof. J. Rogers, Baylor College of Medicine US)
- 2012 *Genetic sampling of West African baboons* (cooperation with Prof. Diakaridia Traore, University of Bamako ML)
- 2010 – 2022 *Evolutionary history of Guinea baboons* (cooperation with Dr. J. M. Ferreira da Silva, Cardiff University UK & Dr. J. C. Brito, CIBIO & Universidad da Porto PT)

Research Visits

- 03/2017 – *École Normale Supérieure/Paris FR*
- 12/2016 *CIBIO/Porto PT*
- 01/2015 *Duke University/Durham US*
- 11/2010 *Cardiff University/Cardiff UK*
- 09/2009 *CNRS Station de Primatologie/Rousset FR*

Field experience

- 2009 – 2012 Direction of multiple field expeditions to West Africa (Senegal, Guinea, Mali)
 2007 Establishment of Centre de Recherche de Primatologie Simenti (cooperation between German Primate Center, Direction de Parcs Nationaux & Ministère de l'Environnement et de la Protection de la Nature de la République du Sénégal)

PROFESSIONAL SERVICES

Peer-reviewer for scientific journals

African Primates // American Journal of Physical Anthropology // American Journal of Primatology // BMC Genetics // BMC Evolutionary Biology // Ecology and Evolution // Frontiers in Zoology // Heredity // International Journal of Primatology // Journal of Human Evolution // Journal of Ornithology // Movement Ecology // Proceedings of the Royal Society B // Scientific Reports

Peer-reviewer for funding bodies

The Leakey Foundation // Österreichische Akademie der Wissenschaften

Professional society memberships

Deutsche Zoologische Gesellschaft // European Society for Evolutionary Biology // Gesellschaft für Genetik // Gesellschaft für Primatologie // International Primatological Society // SORTEE

Meeting and network organisation

- 2024 **Gesellschaft für Primatologie Conference 2024**, member of organizing committee, Konstanz 13.-16.3.2024
- 2023 **Animating ancient trade routes through primate lifeways**, workshop, initiator and organizer, Zukunftskolleg, Konstanz 12.-14.6.2023
- 2023 **Biological data from African rock art**, workshop, initiator and organizer, Frobenius Institute, Frankfurt 5.5.2023
- 2021 – **WüstenWissen**, interdisciplinary network, Die Junge Akademie, initiator and organizer
- 2020 – 2021 **Racism in Academia**, event series, Zukunftskolleg, co-initiator and -organizer
- 2019 – 2020 **Animal Sociality**, seminar series, University of Konstanz, initiator and organizer
- 2011 – 2013 **GOEvol – Network for Evolutionary Biology in Göttingen** (with annual symposium), founding member and co-organizer
- 2010 – 2013 **DPZ colloquium**, seminar series, German Primate Center, co-organizer

Institutional responsibilities & services

- 2024 – **University Council**, appointed member, Goethe University Frankfurt
- 2023/24 **Chair**, elected, Die Junge Akademie
- 2023 **Hiring Committee for W3 Professorship Immunology**, member, University of Konstanz
- 2022 – 2024 **Board**, elected member, Die Junge Akademie
- 2021 – **Senate**, elected member, University of Konstanz
- 2021 – 2023 **Faculty Council**, elected member, Natural Sciences Faculty/University of Konstanz
- 2019 **Structure and development plan Committee**, member, Department of Biology/University of Konstanz
- 2018 – 2020 **Executive committee**, elected member, Zukunftskolleg/University of Konstanz
- 2012 – 2016 **Board**, elected member, Gesellschaft für Primatologie (German Society for Primatology)

Science Policy

- 2021 – **ALLEA (All European Academies) Working Group on the European Research Area (ERA)**, appointed member
- 2020 – **Die Junge Akademie**, appointed member
Research group Science Policy, member
Research group Engaged Science, member
Initiative Diversity, initiator & member

Consultancy & Invited specialist

Federal Ministry of Education and Research (BMBF) // European Commission // Einstein Foundation // Körber Foundation // Stifterverband // Volkswagen Foundation // Universität zu Köln // Goethe-Universität Frankfurt // Johannes Gutenberg-Universität Mainz // IUCN Red List of Threatened Species

OUTREACH & PUBLIC DEBATES

Panel discussions

Berlin-Brandenburg Academy of Sciences and Humanities (BBAW) // OECD Berlin Centre // ERUA // Körber-Stiftung // University of Jena

Print

Young Scientists - 30 Forschende und ihre Wege in die Wissenschaft, Children's book (Hanser Verlag), contribution to conceptualization and content. [VIEW](#)

Talks

An evening with Dian, introductory talk to "Gorillas in the Mist", SFB 969, Equal Opportunity Office and Lumière University Cinema: Movie series with female role models. Konstanz, 8.6.2022.

Migration – Perspective from Biology, Lightning talk at midissage of "Anima Mundi" exhibition, UBias topic of the year event: Migration Stories, University of Konstanz. Konstanz, 25.6.2019

Broadcast

Podcast „**Wissen – Handeln?**“ [LINK](#) // SWR2 Impuls

GRANTS AND AWARDS

Awards & Honours

- 2024 **Harris Distinguished Visiting Professorship**
Dartmouth College
- 2022 **University Council Award**
as member of the Ukraine Support Team,
University Council of the University of Konstanz
- 2020 **Member of Die Junge Akademie**
at the Berlin-Brandenburg Academy of Sciences and Humanities (BBAW) and the German National Academy of Sciences Leopoldina
- 2016 **DPZ sponsorship Award**
for distinguished doctoral thesis in primate research,
Sponsorship Society of the German Primate Center
- 2010 **GfP-Award for Young Researchers**
for outstanding Diploma thesis in primatology,
Gesellschaft für Primatologie

Fellowships & Grants (total >€800,000)

- 2024 **Project grant**
Awarding the Research Environment of the Year
Volkswagen Stiftung (€130,000)
principal applicant (for Die Junge Akademie)
- 2022 **Workshop grant**
Animating ancient trade routes through primate lifeways
Wenner-Gren Foundation (\$19,907)
principal applicant (co-applicant: Prof. N. Dominy/Dartmouth College, US)
- 2021 **Project grant**
WüstenWissen
Die Junge Akademie (€18,864)
principal applicant (co-applicants: Prof. A. Cord/TU Dresden, Prof. I. Dolezalk, U Greifswald)
- 2021 **Project grant**
Initiative Diversität
Die Junge Akademie (€29,967)
principal applicant (co-applicant: Prof. M. Saliba/U Stuttgart)
- 2018 **Hector Pioneer fellowship**
Sociality & Evolution
Hector Stiftung II (5 year² salary & research allowance, €500,000)
- 2017 **Brigitte Schlieben Lange Postdoc fellowship**
Evolutionary causes & consequences of variation in social systems
Ministerium für Wissenschaft, Forschung und Kunst Baden-Württemberg (2 year salary (50%), ~€68,000)
- 2016 **Research grant**
Genetic structure of social networks in a bat that uses roosts as information centres
German Society for Mammalian Biology (€8,730)
Co-PI (with Dr. R. Kraus, Dr. T. O'Mara, Dr. D. Dechmann)

² Extension (parental leave and pandemic-related delays) for additional 23 months

- 2016 **Postdoc stipend**
Sponsorship Society of the German Primate Center (6 months stipend, €13,600)
- 2014 **Stipend**
Christiane Nüsslein-Volhard-Foundation (€4,800)
- 2014 **Conference travel grant**
International Primatological Society Congress, Hanoi/Vietnam
DAAD (€1,178)
- 2012 **Research grant**
Gene flow dynamics in the West African baboon contact zone
The Leakey Foundation (\$13,500)
Co-PI (with Dr. D. Zinner)
- 2012 **Field travel grant**
Field work in Guinea and Mali: collection of genetic samples of Guinea and olive baboons
DAAD (€1,627)
- 2011 **Student bursary**
4th Congress of the European Federation for Primatology, Almada/Portugal
European Federation for Primatology (€250)
- 2011 **Conference travel grant**
13th Congress of the European Society for Evolutionary Biology, Tübingen
Universitätsbund Göttingen (€200)
- 2010 **Conference travel grant**
Social Systems: Demographic and Genetic Issues, Paimpont/France
DAAD (€585)
- 2009 **Field travel grant**
Field work in Senegal: collection of genetic samples of Guinea baboons in the Niokolo Koba National Park
DAAD (€1,700)
- 2009 **Field research grant**
Field work in Senegal: collection of genetic samples of Guinea baboons in the Simenti study group
Christian-Vogel-Fonds (€800)

Grants & Fellowships supported as Host

- 2023 **Deutsche Bundesstiftung Umwelt MOE Fellowship**
Nia Toshkova, National Museum of Natural History, Bulgarian Academy of Sciences/Bulgaria (6+6 months research visit)
- 2022 **Zukunftskolleg Senior Fellowship**
Prof. Nathaniel Dominy, Dartmouth College/US (3 months research visit)
- 2022 **Zukunftskolleg Senior Fellowship**
Prof. James Higham, New York University/US (4 months research visit)
- 2022 **Zukunftskolleg Senior Fellowship**
Prof. Amanda Melin, University of Calgary/Candada (4 months research visit)
- 2021 **Zukunftskolleg Writer in Residence**, Dr. Hari Sridhar, National Centre for Biogocial Sciences, Bangalore/India (6 months digital residency and 8 weeks research visit)

Intramural competitive research funding, University of Konstanz (total >€150,000)

- 2024 **Zukunftskolleg Interdisciplinary Talent – ZENiT**

- Using non-human primates to unravel ancient biocultural exchange networks*
Zukunftskolleg (€52,000)
principal applicant (with Prof. N. J. Dominy, Prof. A. H. Siddig, Prof. S. Ikram, Dr. R. Friedman)
- 2023 **Internationalisation measures grant**
Workshop Animating ancient trade routes through primate lifeways
International Office (€2000)
- 2021 & 2022 **Medium & small project grant**
Establishing fecalFACS as a method to investigate the genomic relatedness networks that underlie social interaction networks in natural animal populations
Centre for the Advanced Study of Collective Behaviour (€61,393)
principal applicant (with Dr. U. Kalbitzer, PD Dr. D. Dechmann)
- 2020 **Konstanzia fellowship**
Equal Opportunities Office
- 2020 **Young scholar fund**
Baboons in Ancient Egypt - The geographic origin of baboon mummies as revealed by aDNA analysis
Committee on Research (€2000)
- 2019 **Internationalisation measures grant**
Animal Sociality Seminar
International Office (€4980)
- 2018 – 2023 **Flexible working conditions** for Postdocs with Family Duties
Equal Opportunities Office
- 2017 **Young scholar fund**
Population genomics of a fission-fusion society: The influence of relatedness on social networks in Thomson's Gazelles
Committee on Research (€9973)
- 2017 **Interdisciplinary collaborative projects grant**
How genomic relatedness within and across groups shapes the behaviour of vulturine guineafowl: Combining behavioural ecology, high-resolution tracking technologies, and genomics in the wild
Zukunftskolleg (€9475)
principal applicant (with Dr. R. Kraus, Dr. D. Farine)
- 2017 – 2018 **Mentorship programme**
Evolutionary consequences of social system variation – host: Dr. H. Morlon, ENS Paris
Zukunftskolleg (€5850)
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PUBLICATIONS

Key publication metrics

Google Scholar Profile

- Published scientific articles or chapters: 20
- Current manuscripts in submission: 2
- Total citations: 1124 (Google Scholar)
- H-index: 16 (Google Scholar)

Peer-reviewed scientific journal publications (supervised student co-author)

19. Grathwol F, Roos C, Zinner D, Hume B, Porcier S, Berthet D, Cuisin J, Merker S, Ottoni C, Van Neer W, Dominy N, **Kopp GH** (2023)
Adulis and the transshipment of baboons during classical antiquity
eLIFE 12:e87513. [PDF](#)
 * covered by e.g. The New Scientist, Spektrum der Wissenschaft, Business Insider, Ars Technica, Deutschlandfunk, The Hindu, The Jerusalem Post
18. **Kopp GH**, Sithaldeen R, Trede F, Grathwol F, Roos C, Zinner D (2023)
A comprehensive overview of baboon phylogenetic history.
Genes 14(3):614. [PDF](#)
17. Fischer J, Higham JP, Alberts SC, Barrett L, Beehner JC, Bergman TJ, Carter A, Collins A, Elton S, Fagot J, Ferreira da Silva M, Hammerschmidt K, Henzi P, Jolly C, Knauft S, **Kopp GH**, Rogers J, Roos C, Ross C, Seyfarth RM, Silk J, Snyder-Mackler N, Städele V, Swedell L, Wilson ML, Zinner D (2019)
The natural history of model organisms: Insights into the evolution of social systems and species from baboon studies.
eLIFE 8:e50989. [PDF](#)
16. Walker JA, ..., **Baboon Genome Analysis Consortium**, Batzer MA (2019)
Alu insertion polymorphisms shared by *Papio* baboons and *Theropithecus gelada* reveal an intertwined common ancestry.
Mobile DNA 10: 46. [PDF](#)
15. Rogers J, ..., **Kopp GH**, et al. (2019)
The comparative genomics and complex population history of *Papio* baboons.
Science Advances 5(1): eaau6947. [PDF](#)
 * covered by e.g. Phys.org, VBiO, Göttinger Tageblatt, DNA Science Blog
14. Jordan, VE, ..., **Baboon Genome Analysis Consortium**, et al. (2018)
A Computational Reconstruction of *Papio* Phylogeny Using *Alu* Insertion Polymorphisms.
Mobile DNA 9: 13. [PDF](#)
13. Steely CJ, Baker JN, Walker JA, Loupe CD, **Baboon Genome Analysis Consortium**, Batzer MA (2018)
Analysis of Lineage-Specific *Alu* Subfamilies in the Genome of the Olive Baboon, *Papio anubis*.
Mobile DNA 9: 10. [PDF](#)
12. Ferreira da Silva MJ, **Kopp GH**, Casanova C, Godinho R, Minhós T, Sá R, Zinner D, Bruford MW (2018)
Disrupted dispersal and its genetic consequences: comparing protected and threatened baboon populations (*Papio papio*) in West Africa.
PLoS ONE 13(4): e0194189. [PDF](#)
11. Fischer J, **Kopp GH**, Dal Pesco F, Goffe A, Hammerschmidt K, Kalbitzer U, Klapproth M, Maciej P, Ndao I, Patzelt A, Zinner D (2017)
Charting the neglected West: the social system of Guinea baboons.

- Am J Phys Anthropol* 162: 15-31. [PDF](#)
10. Kalbitzer U, Roos C, **Kopp GH**, Butynski TM, Knauf S, Zinner D, Fischer J (2016)
Insights into the genetic foundation of aggression in *Papio* and the evolution of two length-polymorphisms in the promoter regions of serotonin-related genes (*5-HTTLPR* and *MAOALPR*) in Papionini.
BMC Evol Biol 16: 121. [PDF](#)
 * covered by BMC OnBiology Blog
 9. Snyder-Mackler N, Majoros WH, Yuan ML, Shaver AO, Gordon, JB, **Kopp GH**, Schlebusch SA, Wall JA, Alberts SC, Mukherjee S, Zhou X, Tung J (2016).
Efficient genome-wide sequencing and low coverage pedigree analysis from non-invasively collected samples.
Genetics 203: 699–714. [PDF](#)
 * covered by Genes to Genomes Blog
 8. **Kopp GH**, Patzelt A, Fischer J, Roos C, Zinner D (2015)
Population genetic insights into the social organization of Guinea baboons (*Papio papio*): Evidence for female-biased dispersal.
Am J Primatol. 77: 878-889. [PDF](#)
 7. **Kopp GH**, Roos C, Butynski TM, Wildman DE, Alagaili AN, Groeneveld LF, Zinner D (2014)
Out of Africa, but how and when? The case of hamadryas baboons (*Papio hamadryas*).
J Hum Evol 76: 154-164. [PDF](#)
 * notable paper on John Hawks Weblog
 6. Patzelt A, **Kopp GH**, Ndao I, Kalbitzer U, Zinner D, Fischer J (2014)
Male tolerance and male-male bonds in a multi-level primate society.
PNAS 111(41): 14740–14745. [PDF](#)
 * covered by e.g. ScienceDaily, Phys.org, Scinexx, Süddeutsche Zeitung
 5. **Kopp GH**, Ferreira da Silva MJ, Fischer J, Brito JC, Regnaut S, Roos C, Zinner D (2014)
The influence of social systems on patterns of mitochondrial DNA variation in baboons.
Int J Primatol 35: 210-225. [PDF](#)
 4. Yang M, Yang Y, Cui D, **Fickenscher G**, Zinner D, Roos C, Brameier M (2012)
Population genetic structure of Guizhou snub-nosed monkeys (*Rhinopithecus brelichii*) as inferred from mitochondrial control region sequences, and comparison with *R. roxellana* and *R. bieti*.
Am J Phys Anthropol 147: 1-10. [PDF](#)
 3. Fischer J, Semple S, **Fickenscher G**, Jürgens R, Kruse E, Heistermann M, Amir O (2011)
Do women's voices provide cues of the likelihood of ovulation? The importance of sampling regime.
PLoS ONE 6: e24490. [PDF](#)
 * covered by e.g. Deutsche Welle, Süddeutsche Zeitung
 2. Patzelt A, Zinner D, **Fickenscher G**, Diedhiou S, Camara B, Stahl D, Fischer J (2011)
Group composition of Guinea baboons (*Papio papio*) at a water place suggests a fluid social organization.
Int J Primatol 32: 652-668. [PDF](#)
 1. Lehmann J, **Fickenscher G**, Boesch C (2006)
Kin biased investment in wild chimpanzees.
Behaviour, 143: 931-955. [PDF](#)

Book chapters

1. Zinner D, **Fickenscher G**, Roos C (2013)
Family Cercopithecidae (Old World Monkeys).

In: RA Mittermeier, DE Wilson (eds.) *Handbook of the Mammals of the World, Volume 3: Primates*. Lynx Ediciones, Barcelona. Pp. 550-627

Edited Book

1. Holzapfel M (2023)
Young Scientists - 30 Forschende und ihre Wege in die Wissenschaft.
Die Junge Akademie (ed). Hanser Verlag. [VIEW](#)

Technical Report

1. Wallis J, Alonso C, Barlow C, Brito J, Ferreira da Silva MJ, Hernansaiz A, **Kopp GH**, Vale C, Zinner D (2020)
***Papio papio*.**
The IUCN Red List of Threatened Species 2020: e.T16018A17952926. [LINK](#)

Code

1. **Kopp GH**, [Dorendorf T](#), Hume B. (2022)
A workflow for sWGS genotype likelihood calling and relatedness estimation (with no known variant sets).
Nextflow Pipeline [LINK](#)

Miscellaneous

6. **Kopp GH** (2023)
Die Zukunft der Akademie – Impuls. Wissenschaftliche Sitzung der Versammlung der Akademiemitglieder am 16. Juni 2023.
In: Wandel durch Aufklärung – 30 Jahre Neukonstitution der Berlin-Brandenburgischen Akademie der Wissenschaften. Sonderausgabe zum BBAW-Bericht 2023: 130-132.
5. **ALLEA's Working Group ERA** (2023)
ALLEA statement on the guiding principles for Framework Programme 10.
Berlin: ALLEA [LINK](#)
4. **ALLEA's Working Group ERA** (2022)
ALLEA statement for an ERA of freedom and excellence.
Berlin: ALLEA [LINK](#)
3. Eichhorn A, Fuchs SW, **Kopp GH**, Kretschmer R, Merl T, Segets D, de Wolff T (2022)
Perspektiven auf das Wissenschaftszeitvertragsgesetz.
Berlin: Die Junge Akademie [LINK](#)
2. **Kopp GH** (2022)
Kommentar zu CRISPR/Cas9 – anlässlich eines Nobelpreises. Streitgespräch in den Wissenschaftlichen Sitzungen der Verasammlung der Berlin-Brandenbrugischen Akademie der Wissenschaften am 27. November 2020 und am 4. Juni 2021.
Berlin-Brandenburgische Akademie der Wissenschaften – Debatte 21: 34-36.
1. **Kopp GH**, Kretschmer R (2020)
Ein Tarif für Doktoranden? Ja – wir brauchen eine einheitliche Bezahlung für Promovierende!
Die ZEIT 46/2020:41 [LINK](#)

Presentations (as presenting author, external)

Invited presentations

- Kopp GH (2024) Using baboons to map biocultural pathways across the Sahara. 5th Japanese-American-German Frontiers of Science (JAGFOS) Symposium, Kyoto, 26.11.2024.
- Kopp GH (2024) African Savannah Monkeys. *Dartmouth College*, Hanover NH, 16.05.2024.
- Kopp GH (2024) Baboons in Ancient Egypt: Geographic origin of mummified baboons as revealed by ancient DNA analysis. *Boston University*, 17.04.2024.

- Kopp GH (2023) Baboons in Ancient Egypt: Geographic origin of mummified baboons as revealed by ancient DNA analysis. *Muséum national d'Histoire naturelle*, Paris, 20.12.2023.
- Kopp GH (2021) How genomic relatedness within and across groups shapes the behaviour of vulturine guineafowl. *University of Zürich*, 13.12.2021.
- Kopp GH (2020) Zur Pluralität der Forschungsansätze und Diversifizierung unseres Rollenverständnisses. *Wissenschaftliche Sitzung der BBAW – CRISPR/Cas9 – anlässlich eines Nobelpreises*, Berlin, 27.11.2020.
- Kopp GH (2017) Genetic clines in a small world: Demographic history and short-distance dispersal but not ecology shape the genetic structure of Guinea baboons (*Papio papio*). *Frontiers in Baboon Research*, Göttingen, 17.-20.10.2017.
- Kopp GH (2017) Evolutionary causes and consequences of social system variation. *IBENS/Ecole Normale Supérieure*, Paris, France, 7.6.2017
- Kopp GH (2016) Baboons on the horizon: Elucidating the social system of Guinea baboons. *CIBIO/InBio Casual Seminar*, Varao, Portugal, 15.12.2016
- Fickenscher G, Patzelt A, Roos C, Fischer J, Zinner D (2011) Population structure reveals male philopatry in Guinea baboons (*Papio papio*). *12th Conference Gesellschaft für Primatologie*, 30.3.-1.4.2011, Utrecht/the Netherlands (GfP award).
- Fickenscher G (2010) First Results on the Social System of Guinea Baboons in the Niokolo-Koba NP, Senegal. *School of Biosciences, Cardiff University*, 5.11.2010, Cardiff/UK.

Oral presentations

- Kopp GH (2023) Analyzing non-invasive, historic, and ancient DNA to trace the history and behaviors of primates. *AcadeMIX of the Israel Young Academy*, 18.5.2023, Jerusalem IL
- Grathwol F, Roos C, Zinner D, Ottoni C, Van Neer W, Dominy N, Kopp GH (2022) Baboons in Ancient Egypt: Geographic origin of mummified baboons as revealed by Ancient DNA. *Joint Conference of the European Federation for Primatology and the Gesellschaft für Primatologie*, 1.-3.6.2022, Arnhem NL
- Kopp GH, Ferreira da Silva MJ, Brito JC, Haus T, Regnaut S, Liedigk R, Roos C, Zinner D (2015) Genetic clines in a small world: Gene flow dynamics in West African baboons. *10th International Conference on Behaviour, Physiology and Genetics of Wildlife*, 28.9.-1.10.2015, Berlin.
- Kopp GH, Ferreira da Silva MJ, Fischer J, Roos C, Zinner D (2015) Gene flow patterns in West African baboons. *14th Conference Gesellschaft für Primatologie*, 11.-13.2.2015, Leipzig.
- Kopp GH, Ferreira da Silva JM, Haus T, Fischer J, Roos C, Zinner D (2014) The demographic history of Guinea and hamadryas baboons and its implications for the evolutionary history of *Papio*. *International Primatological Society Congress*, 11.-15.8. 2015, Hanoi VN.
- Fickenscher G, Groeneveld LF, Roos C, Zinner D (2013) Out of Africa – But How & When? Insights from Hamadryas Baboons. *13th Conference Gesellschaft für Primatologie*, 6.-8.2. 2013, Hamburg.
- Fickenscher G (2011) Biodiversity of Primates - The Case of Baboons. *GoEvol Mini Symposium*, 11.11. 2011, Göttingen.
- Fickenscher G, Ferreira da Silva M, Patzelt A, Roos C, Fischer J, Zinner D (2011) Genetic Evidence for Male Philopatry in Guinea Baboons. *4th Congress of the European Federation for Primatology*, 14.-17.9.2011, Almada PT.
- Fickenscher G, Groeneveld LF, Roos C, Zinner D (2011) Out of Africa – But How & When? Insights from Hamadryas Baboons. *13th Congress of the European Society for Evolutionary Biology*, 21.-25.8. 2011, Tübingen.
- Fickenscher G, Patzelt A, Roos C, Fischer J, Zinner D (2010) Population Structure reveals Male Philopatry in Guinea Baboons (*Papio papio*) in the Niokolo-Koba National Park, Senegal. *Annual Conference of the German Genetics Society*, 16.-18.9. 2010, Jena.

Poster presentations

- Kopp G, Safi K, Müller T, Tucker M (2018) The impact of ranging behaviour on genetic diversity in mammals. *Evolution – II Joint Congress on Evolutionary Biology*, 19.-22.8.2018, Montpellier FR

- Fickenscher G, Ferreira da Silva M, Fischer J, Roos C, Zinner D (2012) Female Philopatry in Guinea Baboons – A Comparative Study. *Evolution Ottawa – 1st Joint Congress on Evolutionary Biology*, 6.-10.7.2012, Ottawa, Ontario CA.
- Fickenscher G, Patzelt A, Roos C, Fischer J, Zinner D (2010) Population Structure reveals Male Philopatry in Guinea Baboons (*Papio papio*) in the Niokolo-Koba National Park, Senegal. *Social Systems: Demographic and Genetic Issues*, 11.-15.10. 2010, Paimpont FR.
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TEACHING EXPERIENCE

Qualification

- 2024 **Baden-Württemberg-Zertifikat für Hochschuldidaktik** (certificate for university didactics)
- 2021 Appointment as **authorised Examiner** (B.Sc., M.Sc.) in Dept. of Biology, University of Konstanz
- 2012 Teaching skills for junior scientists

Academic teaching at the University of Konstanz

- 2022, 2023 **Advanced Course Environmental Genomics** / performing
 BIO-14690, BIO-14670 / Master, elective
 6 weeks full time lecture with colloquium & internship, in person, co-teaching with Prof. Epp
 winter term
I co-designed this course, prepared and taught half of the lectures and exercises (covering evolutionary biology, genomics, noninvasive/historical/ancient DNA, sequencing technologies & strategies, bioinformatic skills and academic practice), and planned and supervised one independent research project, in which students learn and conduct the complete scientific workflow from literature search, hypothesis development and laboratory work to analysis, interpretation of results and oral and written presentation.
- 2020 – 2021 **Journal Club Behaviour & Genomics** / responsible & performing
 BIO-15230 / Master & PhD; elective
 weekly seminar, digital synchronous
 summer & winter term
- 2019 – 2021 **Seminar Animal Sociality I-IV** / responsible & performing
 BIO-14800, BIO-14810, BIO-15140, BIO-15070 / Bachelor & Master; elective
 weekly seminar, half term, in person (2019, co-teaching with Dr. A. Maldonado Chaparro)/digital asynchronous (2020)/digital synchronous(2021)
 summer & winter term
I initiated, designed, prepared and taught this seminar, which introduces students to cutting edge original research on animal societies, trains them to discuss current results and hypotheses with leading experts, and facilitates interaction between students and scientists. I invited a wide range of internationally recognized scientists to present their work, covering different topics in the field of animal behavior. I compiled the material for students to prepare for the topics and guided them in preparatory meetings to consolidate their knowledge and the topic's main concepts and develop questions. Students actively participated in the discussion after the talk and delivered a report in which they outlined and reflected their contribution to the discussion. There was a joint lunch to allow accessible interactions between students and researchers. The invited talks were open to everybody interested and thus provided a platform to discuss current research in Animal Behaviour across different career stages and disciplines. From 2020, I redesigned the course to digital format with both synchronous and asynchronous components, and integrated international online seminar series instead of invited speakers.
- 2019 – 2023 **Lecture Evolutionary Organismal Biology** - section *Sociality & Evolution* / performing
 BIO-11290 / Master; elective
 1 lecture/term in lecture series, in person (2019, 2023)/digital asynchronous (2020-22)
 summer term

- 2017 – 2019 **Molecular Ecology Computer Lab** / responsible & performing
 BIO-14170 / Master; elective
 2 weeks full time lecture and practical, in person, co-teaching with Dr. Kraus
 winter term
I co-designed this course, prepared and taught half of the lectures and exercises (covering evolutionary biology, population genetics, population genetic software tools) and planned and supervised one data project. The objective of this two-week intensive course was to understand the history, reasoning, and benefits behind using molecular tools in (behavioural) ecology, learn applications and transfer this knowledge to selected case studies. There was a strong emphasis on performing analyses on real datasets, so that students learned principles of data handling, became familiar with the available software tools and acquainted themselves with novel tools without prior knowledge.

Academic teaching at the University of Göttingen and the German Primate Center

- 2014 **Euprim-Net Workshop** - section *Primate Field Biology* / performing
 2 lectures in workshop for local field assistants of long-term field studies on primates
- 2011 – 2013 **Lecture Phylogeography** - section *Population Genetics* / performing
 631249 / Master, elective
 2 lectures/term in weekly lecture, in person, co-teaching with Dr. D. Zinner & Dr. C. Roos
 summer term
- 2010, 2011 **Seminar Phylogeography** / responsible & performing
 Master & PhD, informal
 weekly seminar, co-teaching with M. Markolf
- 2011/12 **Seminar Coalescent Theory** / responsible & performing
 PhD, informal
 weekly seminar, co-teaching with J. Nullmeier & L. Geyerhofer

Supervision of PhD Students

- 2018 – **Faculty member**, International Max Planck Research School for Quantitative Behaviour, Ecology & Evolution (previously: for Organismal Biology), Konstanz
- Thesis Committee Member*
- 2022 – Rebecca Dorendorf (geb. Kühner)/University of Konstanz: *Conservation genomics in water bodies of Southern Germany* (Supervision 1st Prof. L. Epp, 2nd Prof. L. Becks)

Supervision of Master Students

- Thesis advisor*
- 2022 Tom Weimerskirch/Universität Trier: *Analysis of the validity of the baboon frontier hypothesis through an agent based computer simulation* (Co-supervision with Dr. E. Hoelzchen, Universität Trier) – terminated before completion because of competitive industry offer
- 2021 Katharina Gergen/University of Konstanz: *Population genetics of Uroderma bilobatum* – successfully graduated [now Technician at BIPSO GmbH]
- 2019/20 Franziska Grathwol/University of Konstanz: *The phylogeography of baboons in northeastern Africa* – successfully graduated [now Landschaftsplanung & Naturschutz at Stadtplanungsamt Fellbach]
- 2016 Helena Marisa Osório Teixeira/Universidade do Porto: *Landscape genetics of Guinea baboons: assessing population structure, gene flow dynamics, and functional connectivity with molecular and spatial tools* (Co-Supervision with Dr. M. J. Ferreira da Silva, CiBIO Porto) – successfully graduated [now Postdoc at TiHo Hannover]

Supervision of Bachelor Students*Thesis advisor*

2023 Samantha Dong/University of Göttingen: *Population genetics of red fox in relation to social system, habitat usage and movement in southern Germany*. (Co-supervision with Felicitas Oehler, LAZBW – WFS Aulendorf) – ongoing

Internship

2023 Zsolt Palmer, Grand Valley State University, Allendale Michigan, Parlamentarisches Patenschafts-Programm des Deutschen Bundestages

Supervision of student research assistants (University of Konstanz)

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|-------------|--------------------|---|
| 2023 – 2024 | Vivian Kneipp | |
| 2023 – 2024 | Vanessa Nalewaja | |
| 2023 – 2024 | Hanna Rohr | |
| 2023 | Patricia Bächtle | |
| 2022 – 2023 | Riya Mathur | |
| 2020 – 2022 | Ellen Ye | |
| 2020 – 2021 | Olga Klat | [now at Numab Therapeutics AG] |
| 2020 – 2021 | Till Dorendorf | [now PhD student with Prof. O. Mayans at U Konstanz] |
| 2018 – 2020 | Delvina Hoti | [now Quality Control Analyst at Roche] |
| 2018 – 2019 | Franziska Grathwol | [now Landschaftsplanung & Naturschutz at Stadtplanungsamt Fellbach] |
| 2018 – 2022 | Melina Dietzer | [now PhD student with Prof. I Storch at U Freiburg] |
| 2017 – 2019 | Myriam Knöpfle | [now PhD student with Dr. A. Jordan at MPI-AB] |
| 2016 – 2017 | Jenna Kohles | [now PhD student with PD Dr. D. Dechmann at MPI-AB] |