

CURRICULUM VITAE

CHRISTOPH F. J. MEYER

PERSONAL INFORMATION

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<http://sites.google.com/site/tropicalconservationecology>

EDUCATION

2007 **Ph.D. (Dr. rer. nat.), University of Ulm, Germany**
Dissertation: "Effects of rainforest fragmentation on Neotropical bats. Land-bridge islands as a model system."
Advisor: Prof. Elisabeth K. V. Kalko

2003 **M.Sc. (Diploma), University of Würzburg, Germany**
Thesis: „Ecology of a phyllostomid bat foraging over water: Activity patterns, foraging strategy, and ranging behavior of the long-legged bat, *Macrophyllum macrophyllum*, in Panama."
Advisors: Prof. Elisabeth K. V. Kalko, Prof. K. E. Linsenmair

ACADEMIC & RESEARCH APPOINTMENTS

since 02/2009 **Researcher**, Centre for Ecology, Evolution and Environmental Changes (cE3c), University of Lisbon, Portugal

08/2007 - 01/2009 **Postdoctoral researcher**, Institute of Experimental Ecology, University of Ulm, Germany
Project: "Meta-analysis for evaluating the suitability of bats as a possible target taxon for long-term monitoring within the framework of Conservation International's Tropical Ecology, Assessment and Monitoring (TEAM) Initiative" (funded by Conservation International).

12/2005 - 03/2007 **Scientific assistant**, Institute of Experimental Ecology, University of Ulm, Germany

1999 - 2001 **Laboratory assistant**, Department of Animal Ecology and Tropical Biology, University of Würzburg, Germany

03-04/2000 **Field assistant**, Smithsonian Tropical Research Institute (STRI), Barro Colorado Island, Panama

03/1997 - 06/1998

Research assistant at the Museum of Natural History, Reutlingen, Germany

ACADEMIC ADVISING & TEACHING

Graduate students directed

PhD students:

Fábio Zanella Farneda, 2014-present, Universidade Federal do Rio de Janeiro. Thesis topic: "A functional-based approach to studying the effects of forest fragmentation on Neotropical bat assemblages". (co-advisor together with Dr. Carlos Grelle, Universidade Federal do Rio de Janeiro, Brazil)

Ricardo Teixeira Rocha, 2012-present, University of Lisbon. Thesis topic: "Temporal dynamics of fragmentation impacts on Neotropical bats". (principal advisor)

Adrià López-Baucells, 2012-present, University of Lisbon. Thesis topic: "Assessment of the long-term effects of forest fragmentation on insectivorous bats in the Amazonian rainforest using autonomous ultrasound recording stations". (principal advisor)

MSc. students:

Kati Suominen, 2014-present, University of Helsinki. (co-advisor with Dr. Mar Cabeza, University of Helsinki, Finland)

Diogo Ferreira, 2014-present, University of Lisbon. Thesis topic: "Effects of seasonality on the responses of Neotropical bats to local- and landscape-scale attributes in a fragmented landscape". (principal advisor)

João Santos, 2014, University of Lisbon. Thesis topic: "Patterns of population genetic structuring in the giant noctule bat, *Nyctalus lasiopterus*: a multi-scale analysis". (co-advisor together with Dr. Javier Juste, Doñana Biological Station, Sevilla, Spain)

Maria Mas Navarro, 2014, University of Barcelona. Thesis topic: "Vertical stratification in insectivorous bat ensembles in the Central Amazon". (co-advisor together with Dr. Carles Flaquer, Museu de Ciències Naturals de Granollers, Spain)

Fábio Zanella Farneda, 2013, University of Lisbon. Thesis topic: "Bat species vulnerability to forest fragmentation in the Central Amazon". (principal advisor)

Inês Silva, 2012, University of Lisbon. Thesis topic: "Estratificação vertical e efeito da fragmentação florestal nas comunidades de morcegos neotropicais". (principal advisor)

Milou Groenenberg, 2012, Imperial College, London. Thesis topic: "Matrix-mitigated edge and area effects on Neotropical bats in a fragmented landscape". (co-advisor together with Dr. Cristina Banks-Leite, Imperial College London, UK)

Sónia Pina, 2011, University of Lisbon. Thesis topic: "O uso do habitat por morcegos em sistemas naturais e agroflorestais na savana brasileira". (principal advisor)

Graduate student committees

Filipa Paciência (MSc, advisee of J.M. Palmeirim & E.W. Heymann): "*Marcgravia longifolia*, a keystone resource for vertebrates in Western Amazonia?" 2014. Faculty of Sciences, University of Lisbon (*main opponent*)

Ana Rainho (PhD, advisee of J. M. Palmeirim): "Spatially explicit models for planning bat foraging habitat conservation in agricultural landscapes". 2013. Faculty of Sciences, University of Lisbon (*jury participant*)

Cíntia Marques Domingos (MSc, advisee of J.M. Palmeirim and A. Rainho): “A influência da estrutura do habitat na actividade de morcegos em montado.” 2011. Faculty of Sciences, University of Lisbon (*main opponent*)

Inês Santos Martins (MSc, advisee of H. M. Pereira): “What is the relationship between habitat diversity and species diversity from the local to the regional scale?” 2011. Faculty of Sciences, University of Lisbon (*main opponent*)

Maria João Ramos Pereira (PhD, advisee of J. M. Palmeirim): “Amazonian bats: structuring of a megadiverse mammalian community”. 2011. Faculty of Sciences, University of Lisbon (*main opponent*)

Teaching experience

2014/15	“ <i>Tropical Conservation Biology</i> ”, Lecture given as part of the Tropical Ecology course, Department of Animal Biology, University of Lisbon
2013/14	“ <i>Tropical Ecology</i> ”, Lecture series & literature seminar (6 ECTS course), Department of Animal Biology, University of Lisbon
2012/13	“ <i>Tropical Ecology</i> ”, Lecture series & literature seminar (6 ECTS course), Department of Animal Biology, University of Lisbon
2011/12	“ <i>Tropical Ecology</i> ”, Lecture series & literature seminar (6 ECTS course), Department of Animal Biology, University of Lisbon <i>Literature seminar</i> (organizer of various discussion sessions on current topics in animal ecology and conservation), Department of Animal Biology, University of Lisbon
2010/11	“ <i>Tropical Ecology</i> ”, Lecture series & literature seminar (3 ECTS course), Department of Animal Biology, University of Lisbon “ <i>Tropical bat ecology and conservation</i> ”. Guest lecture as part of the Master’s course “Ecology and Conservation of Mammals” (Prof. M. Santos Reis), Department of Animal Biology, University of Lisbon
2007	Teaching assistant for “ <i>General Ecology Laboratory</i> ”, Institute of Experimental Ecology, University of Ulm
2006	Teaching assistant, “ <i>Flora & Fauna of the Mediterranean</i> ”, field trip to Croatia Teaching assistant for “ <i>General Ecology Laboratory</i> ”, Institute of Experimental Ecology, University of Ulm
2005	Co-instructor to undergraduate students, tropical field ecology, School of International Training, Panama Co-instructor, “ <i>Introduction to field biology</i> ”, course in tropical biology for Panamanian undergraduate students, Smithsonian Tropical Research Institute, Panama
2003	Teaching assistant, Institute of Experimental Ecology, University of Ulm

RESEARCH GRANTS & SCHOLARSHIPS

2011-14	“Temporal dynamics of the impacts of forest fragmentation on Neotropical bat assemblages”. Fundação para a Ciência e a Tecnologia (FCT), Portugal. <i>Principal investigator</i>, total amount awarded: € 149,519
2008	Eberhardt Foundation, Ulm, postdoctoral research grant
2006 - 2007	German Science Foundation (DFG), PhD project funding
2003 - 2005	German Academic Exchange Service (DAAD), PhD scholarship
2004	Travel grant, GlaxoSmithKline Foundation
2003	British Ecological Society, student support grant
2003	University of Ulm, Germany, travel grant
2002	German Academic Exchange Service, diploma thesis scholarship
2001	Arthur-v.-Gwinner Foundation, research grant
2000	State of Bavaria, research grant
2000	German Academic Exchange Service, travel grant

RESEARCH INTERESTS

Vertebrate ecology with a focus on bats, conservation biology, tropical ecology, biodiversity research, community ecology, landscape ecology, biodiversity monitoring, population genetics

RESEARCH PROJECTS

“Temporal dynamics of the impacts of forest fragmentation on Neotropical bat assemblages”. **Principal investigator (PI)**.

“Agro-forestry management practices of montados and its impact on bats and birds”. Project participant (PI: Prof. J. Palmeirim, CBA).

“Endemic pigeons of São Tomé: developing science-based conservation and sustainable use of African forest pigeons”. Project participant (PI: Prof. J. Palmeirim, CBA).

*“Patterns of gene flow and population genetic differentiation among isolated populations of the giant noctule bat, *Nyctalus lasiopterus*”*. In collaboration with Dr. Javier Juste & Dr. Carlos Ibáñez - Estación Biológica de Doñana, CSIC, Seville.

PUBLICATIONS

Number of citations: 508 — h-index: 13 — cumulative journal impact factor: 103.52

Refereed journal articles (published/in press/submitted)

Rocha, R., López-Baucells, A., Farneda, F., Groenenberg, M., Bobrowiec, P.E.D., Cabeza, M., Palmeirim, J.M. & **Meyer, C.F.J.** (submitted). Consequences of a large-scale deforestation experiment for Central Amazonian bats: disentangling the relative importance of local and landscape-scale effects. ***Diversity and Distributions***.

- Farneda, F., Rocha, R., López-Baucells, A., Groenenberg, M., Silva, I., Bobrowiec, P.E.D., Palmeirim, J.M. & **Meyer, C.F.J.** (revision submitted) Trait-related responses to habitat fragmentation in Central Amazonian bats. *Journal of Applied Ecology*.
- Meyer, C.F.J.** (2015) Methodological challenges in monitoring bat population- and assemblage-level changes for anthropogenic impact assessment. *Mammalian Biology*, DOI: 10.1016/j.mambio.2014.11.002. In press.
- Carvalho, J.S., **Meyer, C.F.J.**, Vicente, L. & Marques, T.A. (2015) Where to nest? Ecological determinants of chimpanzee nest abundance and distribution at the habitat and tree species scale. *American Journal of Primatology*, 77, 186-199.
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Jenkins, R.K.B., Kunz, T.H., Macswiney Gonzalez, M.C., Moya, I., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2015) Species undersampling in tropical bat surveys: effects on emerging biodiversity patterns. *Journal of Animal Ecology*, 84, 113-123.
- López-Baucells, A., Rocha, R., Fernández-Arellano, G., Bobrowiec, P.E.D., Palmeirim, J.M. & **Meyer, C.F.J.** (2014) Description of the echolocation calls of the Big Red Bat *Lasiurus egregius* (Chiroptera: Vespertilionidae) and first record from the Central Brazilian Amazon. *Studies on Neotropical Fauna and Environment*, 49, 18-25.
- Mendenhall, C. D., Karp, D. S., **Meyer, C. F. J.**, Hadly, E. A. & Daily, G. C. (2014) Predicting Biodiversity Change and Averting Collapse in Agricultural Landscapes. *Nature*, 509, 213-217.
- Pina, S.M.S., **Meyer, C.F.J.** & Zortea, M. (2013) A comparison of habitat use by phyllostomid bats (Chiroptera: Phyllostomidae) in natural forest fragments and *Eucalyptus* plantations in the Brazilian Cerrado. *Chiroptera Neotropical*, 19, 14-30.
- López-Baucells, A., Rocha, R., Mayés, I., Vulinec, K. & **Meyer, C.F.J.** (2013) First record of *Micronycteris sanborni* (Chiroptera: Phyllostomidae) from Central Amazonia, Brazil: range expansion and description of its echolocation. *Mammalia*, DOI: 10.1515/mammalia-2013-0006.
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Hodgkison, R., Jenkins, R.K.B., Jung, K.G., Kingston, T., Kunz, T.H., Macswiney Gonzalez, M.C., Moya, I., Patterson, B.P., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Solari, S., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2011) Accounting for detectability improves estimates of species richness in tropical bat surveys. *Journal of Applied Ecology*, 48, 777-787.
- Holland, R.A., **Meyer, C.F.J.**, Kalko, E.K.V., Kays, R. & Wikelski, M. (2011) Emergence time and foraging activity in Pallas' mastiff bat, *Molossus molossus* (Chiroptera: Molossidae) in relation to sunset/sunrise and phase of the moon. *Acta Chiropterologica*, 13, 399-404.
- Russo, D., Maglio, G., Rainho, A., **Meyer, C.F.J.**, Palmeirim, J. (2011) Out of the dark: diurnal activity in the bat *Hipposideros ruber* on São Tomé island (West Africa). *Mammalian Biology*, 76, 701-708.
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Hodgkison, R., Jenkins, R.K.B., Jung, K.G., Kingston, T., Kunz, T.H., Macswiney Gonzalez, M.C., Moya, I., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2010) Long-term monitoring of tropical bats for anthropogenic impact assessment: gauging the statistical power to detect population change. *Biological Conservation*, 143, 2797-2807.
- Estrada Villegas, S., **Meyer, C.F.J.** & Kalko, E.K.V. (2010) Effects of tropical forest fragmentation on aerial insectivorous bats in a land-bridge island system. *Biological Conservation*, 143, 597-608.
- Meyer, C.F.J.**, Kalko, E.K.V. & Kerth, G. (2009) Small-scale fragmentation effects on local genetic diversity in two phyllostomid bats with different dispersal abilities. *Biotropica*, 41, 95-102.
- Meyer, C.F.J.** & Kalko, E.K.V. (2008) Assemblage-level responses of phyllostomid bats to tropical forest fragmentation: land-bridge islands as a model system. *Journal of Biogeography*, 35, 1711-1726.
- Kalko, E.K.V., Estrada Villegas, S., Schmidt, M., Wegmann, M. & **Meyer, C.F.J.** (2008) Flying high - assessing the use of the aerosphere by bats. *Integrative and Comparative Biology*, 48, 60-73.

- Meyer, C.F.J.** & Kalko, E.K.V. (2008) Bat assemblages on Neotropical landbridge islands: nested subsets and null model analyses of species co-occurrence patterns. *Diversity and Distributions*, 14, 644-654.
- Meyer, C.F.J.**, Fründ, J., Pineda Lizano, W. & Kalko, E.K.V. (2008) Ecological correlates of vulnerability to fragmentation in Neotropical bats. *Journal of Applied Ecology*, 45, 381-391.
- Albrecht, L., **Meyer, C.F.J.** & Kalko, E.K.V. (2007) Differential mobility in two small phyllostomid bats, *Artibeus watsoni* and *Micronycteris microtis*, in a fragmented Neotropical landscape. *Acta Theriologica*, 52, 141-149.
- Weinbeer, M., **Meyer, C.F.J.** & Kalko, E.K.V. (2006) Activity pattern of the trawling phyllostomid bat, *Macrophyllum macrophyllum*, in Panama. *Biotropica*, 38, 69-76.
- Meyer, C.F.J.**, Weinbeer, M. & Kalko, E.K.V. (2005) Home range size and spacing patterns of *Macrophyllum macrophyllum* (Phyllostomidae) foraging over water. *Journal of Mammalogy*, 86, 587-598.
- Meyer, C.F.J.** & Zotz, G. (2004) Do growth and survival of aerial roots limit the vertical distribution of hemiepiphytic aroids? *Biotropica*, 36, 483-491.
- Meyer, C.F.J.**, Schwarz, C.J. & Fahr, J. (2004) Activity patterns and habitat preferences of insectivorous bats in a West African forest-savanna mosaic. *Journal of Tropical Ecology*, 20, 397-407.
- Meyer, C.F.J.**, Gallo, T. & Schultz, S.T. (1999) Female dominance in captive red-ruffed lemurs, *Varecia variegata rubra* (Primates: Lemuridae). *Folia Primatologica*, 70, 358-361.

Book chapters

- Meyer, C.F.J.**, Struebig, M. & Willig, M.R. (2015) Responses of tropical bats to habitat fragmentation, logging, and deforestation. In: *Bats in the Anthropocene: Conservation of bats in a changing world* (Voigt, C.C., Kingston, T., Eds.). In press.
- Laurance, W.F., Camargo, J.L.C., Fearnside, P.M., Lovejoy, T.E., Williamson, G.B., Mesquita, R.C.G., **Meyer, C.F.J.**, Bobrowiec, P.E.D. & Laurance, S.G. (submitted) An Amazonian forest and its fragments as a laboratory of global change. *The Large-scale Biosphere-Atmosphere Programme in Amazonia* (eds L. Nagy, B. Forsberg & P. Artaxo). *Ecological Studies*.

Conference proceedings

- Meyer, C. F. J.** (2012) Tropical bats: suitable candidates for long-term monitoring? *Proceedings of the International Symposium on the Importance of Bats as Bioindicators* (Flaquer, C. & Puig-Montserrat, X., Eds.), pp. 28-31. Museum of Natural Sciences Edicions, Granollers.

Other publications

- Rainho, A., **Meyer, C.F.J.**, Thorsteinsdóttir, S., Justino, J., Samba, S., Palmeirim, J.M. (2010) *Distribuição, estatuto e conservação dos morcegos de São Tomé*. Centro de Biologia Ambiental, Faculdade de Ciências da Universidade de Lisboa, 48 pp.
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Hodgkison, R., Jenkins, R.K.B., Jung, K.G., Kingston, T., Kunz, T.H., MacSwiney Gonzalez, M.C., Moya, I., Patterson, B.P., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Solari, S., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2009) *An assessment of the suitability of bats as a possible target taxon for long-term monitoring within the framework of Conservation International's Tropical Ecology, Assessment and Monitoring (TEAM) Initiative*. Report to the Center for Applied Biodiversity Science, Conservation International, Arlington, VA, USA. 90 pp.

CONFERENCE CONTRIBUTIONS

Oral presentations

- Rocha, R., Sampaio, E., López-Baucells, A., Farneda, F., Bobrowiec, P., Cabeza, M., Palmeirim, J.M. & **Meyer, C.F.J.** (accepted) Spatio-temporal dynamics of the impacts of forest fragmentation on neotropical bat assemblages. 27th International Congress for Conservation Biology (ICCB) and 4th European Congress for Conservation Biology (ECCB), Montpellier, France
- Carvalho, J.S., **Meyer, C.F.J.**, Vicente, L. & Marques, T. A. (accepted) Population size estimate and vegetation correlates of nest abundance of the western chimpanzee in Lagoas de Cufada National Park, Guinea-Bissau. 27th International Congress for Conservation Biology (ICCB) and 4th European Congress for Conservation Biology (ECCB), Montpellier, France
- Farneda, F., Rocha, R., López-Baucells, A., Groenenberg, M., Silva, I., Palmeirim, J.M., Bobrowiec, P., **Meyer, C.F.J.** (2015) Trait-related responses to habitat fragmentation in Amazonian bats. VIII Encontro Brasileiro para o Estudo de Quirópteros. Ouro Preto, Brazil
- Mas Navarro, M., López-Baucells, A., Flaquer, C. & **Meyer, C.F.J.** (2014) Vertical stratification in aerial insectivorous bat ensembles in the Brazilian Amazon. V Jornadas de la Asociación para la Conservación de los Murciélagos (SECEMU), Madrid, Spain
- Rocha, R., Bobrowiec, P., López-Baucells, A., Farneda, F., Groenenberg, M., Silva, I., Palmeirim, J., **Meyer, C.F.J.** (2014) Desenmarañando los efectos relativos de la escala local y del paisaje en el ensamblaje de murciélagos filostómidos del Proyecto de Dinámica Biológica de Fragmentos de Bosque Tropical, Brasil. Congreso Latinoamericano de Murciélagos (COLAM), Quito, Ecuador
- Rocha, R., López-Baucells, A., Groenenberg, M., Silva, I., Farneda, F., Bobrowiec, P., Palmeirim, J., **Meyer, C.F.J.** (2013) Consequences of a large-scale deforestation experiment on a megadiverse bat assemblage. II Jornadas Quiropterianas, Sintra, Portugal
- Meyer, C.F.J.** (2013) Effects of habitat loss and fragmentation on tropical bats: a review and future research prospects. 16th International Bat Research Conference & 43rd North American Symposium on Bat Research, San José, Costa Rica (invited session speaker)
- Rocha, R., López-Baucells, A., Groenenberg, M., Silva, I., Farneda, F., Bobrowiec, P., Palmeirim, J.M., **Meyer, C.F.J.** (2013) Effects of forest fragmentation on central Amazonian bats. 16th International Bat Research Conference & 43rd North American Symposium on Bat Research, San José, Costa Rica
- Meyer, C.F.J.**, Bobrowiec, P., Farneda, F., Groenenberg, M., López-Baucells, A., Palmeirim, J., Rocha, R., & Silva, I. (2013) Temporal variation in responses of Neotropical bats to forest fragmentation. 3rd International Berlin Bat Meeting, Berlin, Germany (invited session speaker)
- Meyer, C.F.J.** (2012) *Tropical bats: suitable candidates for long-term monitoring?* International Symposium on the Importance of Bats as Bioindicators, Barcelona, Spain (*invited plenary speaker*)
- Meyer, C.F.J.**, Ibáñez, C., Benda, P., de Paz, O., Popa-Lisseanu, A., Smirnov, D., Juste, J. (2012) *Analisis preliminar de la diversidad genética en el nóctulo grande (Nyctalus lasiopterus) a dos escalas espaciales.* Jornadas de la SECEMU, Barcelona, Spain
- Meyer, C.F.J.** (2012) *Fragmentation effects on Neotropical bats: lessons learned from Panamanian land-bridge islands.* 49th Annual Meeting of the Association for Tropical Biology and Conservation, Bonito, Brazil (invited session speaker)
- Meyer, C.F.J.** & Kalko, E.K.V. (2012) *Trophic simplification in Neotropical bat assemblages following habitat fragmentation: lessons learned from bats on land-bridge islands in Panama.* Annual Meeting of the Society for Tropical Ecology (GTÖ), Erlangen, Germany (invited session speaker)
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Hodgkison, R., Jenkins, R.K.B., Jung, K.G., Kingston, T., Kunz, T.H., Macswiney Gonzalez, M.C., Moya, I., Patterson, B.P., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Solari, S., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2010) *An assessment of the suitability of tropical bats for long-term monitoring.* XV. International Bat Research Conference, Prague, Czech Republic (invited session speaker)

- Estrada Villegas, S., **Meyer, C.F.J.**, McGill, B., Kalko, E.K.V. (2010) *Effects of forest fragmentation on aerial insectivorous bats in the Isthmus of Panama*. XV. International Bat Research Conference, Prague, Czech Republic
- Meyer, C.F.J.** & Kalko, E.K.V. (2007) *Community-level responses of Neotropical bats to habitat fragmentation*. Annual Meeting of the Association for Tropical Biology and Conservation (ATBC), Morelia, Mexico (invited session speaker)
- Estrada Villegas, S., **Meyer, C.F.J.** & Kalko, E.K.V. (2007) *Effects of rainforest fragmentation on aerial insectivorous bats in Panama assessed with acoustic monitoring*. XIV. International Bat Research Conference and 37th North American Symposium on Bat Research, Mérida, Mexico
- Meyer, C.F.J.**, Kalko, E.K.V. (2004). *Bats in a fragmented landscape: Changes in species diversity and structure of bat assemblages on small land-bridge islands in central Panama*. 34th Annual North American Symposium on Bat Research, Salt Lake City, Utah, USA

Poster presentations

- López-Baucells, A., Mas, M., Rocha, R., Palmeirim, J., Bobrowiec, P.E.D., **Meyer, C.F.J.** (2014) Echolocation calls of central Amazonian bats: A proposal for an acoustic identification key. V Jornadas de la Asociación para la Conservación de los Murciélagos (SECEMU), Madrid, Spain
- Acácio, M., Lopes, P., **Meyer, C.F.J.**, Rainho, A. & Palmeirim, J. (2013). *Do birds need grazers? Influence of grazing on ground foraging birds in managed cork and holm oak woodlands*. 9th Conference of the European Ornithologists' Union, Norwich, UK
- López-Baucells, A., Rocha, R. & **Meyer, C.F.J.** (2012) On the way to a new world record? New additions to the Biological Dynamics of Forest Fragments Project bat check list. Jornadas de la SECEMU, Barcelona, Spain
- Rocha, R., Sampaio, E., Silva, I., Palmeirim, J.M. & **Meyer, C.F.J.** (2012) *Preliminary assessment of the long-term impact of fragmentation on Neotropical bats*. 49th Annual Meeting of the Association for Tropical Biology and Conservation, Bonito, Brazil
- Rainho, A., **Meyer, C.F.J.**, Thorsteinsdóttir, S., Palmeirim, J.M. (2010) *Conservation status of bats of the island of São Tomé (Gulf of Guinea)*. XV. International Bat Research Conference, Prague, Czech Republic
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Hodgkison, R., Jenkins, R.K.B., Jung, K.G., Kingston, T., Kunz, T.H., Macswiney Gonzalez, M.C., Moya, I., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2010) *Long-term monitoring of tropical bats for anthropogenic impact assessment: gauging the statistical power to detect population change*. Annual Meeting of the Association for Tropical Biology and Conservation (ATBC), Bali, Indonesia
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Hodgkison, R., Jenkins, R.K.B., Jung, K.G., Kingston, T., Kunz, T.H., Macswiney Gonzalez, M.C., Moya, I., Patterson, B.P., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Solari, S., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2009) *An assessment of the suitability of tropical bats for long-term monitoring*. Joint meeting of the Association for Tropical Biology and Conservation (ATBC) and the Society for Tropical Ecology (GTÖ), Marburg, Germany
- Meyer, C.F.J.**, Aguiar, L.M.S., Aguirre, L.F., Baumgarten, J., Clarke, F.M., Cosson, J.-F., Estrada Villegas, S., Fahr, J., Faria, D., Furey, N., Henry, M., Hodgkison, R., Jenkins, R.K.B., Kingston, T., Kunz, T.H., Macswiney Gonzalez, M.C., Moya, I., Pons, J.-M., Racey, P.A., Rex, K., Sampaio, E.M., Stoner, K.E., Voigt, C.C., von Staden, D., Weise, C.D. & Kalko, E.K.V. (2009) *Exploring the consequences of detecting only a subset of the full species pool in tropical bat monitoring surveys for capturing among-site patterns in species richness and composition*. Joint meeting of the Association for Tropical Biology and Conservation (ATBC) and the Society for Tropical Ecology (GTÖ), Marburg, Germany
- Albrecht, L., **Meyer, C.F.J.**, Kalko, E.K.V. (2006). *Differential mobility in two small phyllostomid bats, Artibeus watsoni and Micronycteris microtis, in a fragmented Neotropical landscape*. 19th Annual Meeting of the Society for Tropical Ecology, Kaiserslautern, Germany

- Fründ, J., **Meyer, C.F.J.**, Kalko, E.K.V. (2006). *Sensitivity to fragmentation in Neotropical bats*. 19th Annual Meeting of the Society for Tropical Ecology, Kaiserslautern, Germany
- Meyer, C.F.J.**, Weinbeer, M., Kalko, E.K.V., Linsenmair, K.E. (2003). *Ecology of a phyllostomid bat foraging over water: Activity patterns and ranging behavior of the long-legged bat, *Macrophyllum macrophyllum*, in Panama*. 16th annual meeting of the Society for Tropical Ecology, Rostock, Germany
- Meyer, C.F.J.**, Schwarz, C.J., Fahr, J. (2003). *Activity patterns of insectivorous bats in a West African forest-savanna mosaic (Ivory Coast)*. Joint meeting of the Association for Tropical Biology and Conservation (ATBC) and the British Ecological Society (BES), Aberdeen, UK

PROFESSIONAL SERVICE

Editorial Board Member of the peer-reviewed, open access journal *ISRN Ecology* (2011-2014)

Reviewer for the following peer-reviewed journals:

Acta Oecologica; Acta Chiropterologica; Agriculture, Ecosystems & Environment; Biological Conservation; Biological Journal of the Linnean Society; Biotropica; Chiroptera Neotropical; Conservation Biology; Diversity & Distributions; Ecology; Ecological Applications; Ecotropica; Global Ecology & Biogeography; Journal of Animal Ecology; Journal of Applied Ecology; Journal of Natural History; Oecologia; Oikos; PLoS ONE; The Open Ecology Journal; Wildlife Biology; Zoologia

Reviewer for the following grants:

National Geographic Society

Bat Conservation International Student Scholarship Program

External reviewer for the following graduate theses:

Carolina Santos, 2011: "Características das comunidades de morcegos sob diferentes intensidades de impacto da pecuária no Pantanal, Mato Grosso do Sul". PhD thesis, Universidade Federal de Mato Grosso do Sul, Brazil

Alicia Thomas, 2011: "Factors affecting the emergence times of seven sympatric insectivorous bat species". Master's thesis, University of Cape Town, South Africa

PROFESSIONAL SOCIETY MEMBERSHIPS

Association for Tropical Biology and Conservation (ATBC), British Ecological Society (BES), Society for Tropical Ecology (GTÖ)

PROFESSIONAL TRAINING

Workshop: "An Introduction to Density Estimation from Passive Acoustic Data", Setúbal, Portugal, 6th April 2013. Instructors: Tiago Marques, Len Thomas, Danielle Harris, University of St. Andrews, UK

Course: "Meta-analysis and Systematic Reviews", Faculty of Sciences, University of Lisbon, Portugal, 15-19th February 2013. Instructor: Jessica Gurevitch, University of New York, Stony Brook

Course: "Statistical Learning, with Applications in R", Stanford University Online Course, 20th January - 5th April 2015. Instructors: Trevor Hastie & Robert Tibshirani, Stanford University, USA

LANGUAGES

German (native)
English, Spanish, Portuguese (fluent)
French (basic knowledge)

SOFTWARE

R, SPSS, Statistica, ArcView, QGIS, Biotas, EcoSim, EstimateS, Distance, LOAS, Mesquite, Microsoft Office, NCSS, PC-ORD, Photoshop, Typo3, Sequencher, Geneious, DnaSP, MEGA, Arlequin, MetaWin