

CURRICULUM VITAE

Pavel B. Klimov

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EDUCATION

Ph.D. Institute of Biology and Soil Science, Vladivostok, Russia, Zoology, 2000
M.S. Far Eastern State University, Vladivostok, Russia, Biology, 1995
B.S. Far Eastern State University, Vladivostok, Russia, Biology, 1993

APPOINTMENTS

2015-present Associate Research Scientist, University of Michigan, Ann Arbor
2006-2015 Assistant Research Scientist, University of Michigan, Ann Arbor
2000-2006 Postdoctoral researcher, University of Michigan, Ann Arbor
1999-2000 Researcher, Institute of Biology and Soil Science, Vladivostok, Russia

GRANTS AND FELLOWSHIPS

2016-2018 co-PI. Ministry of Education and Science of the Russian Federation (grant 16-14-10109). *Mites associated with bark beetles of main forest-forming coniferous trees of Western Siberia* (PI A.A.Khaustov) \$237,021.

2015-2017 PI. Russian Foundation for Basic Research (grant 15-04-05185 A). *Integrative species delimitation in the genus Tyrophagus (Acari: Acaridae)*. 2015-2017. \$9,735.

2015-2017 Co-PI. Russian Foundation for Basic Research (grant 5-04-02706 A). *Phylogenetic systematics of "winged" oribatid mites of the family Galumnidae (Acari, Oribatida)*. (co-PI). 2015-2017. \$14,604

2014-2016 PI. United States Department of Agriculture. *Developing a World Wide Identification Tool for Bee-Associated Mites* (Cooperative Agreement) \$135,690

2014-2016 co-PI. Ciência sem fronteiras program, Brazil. *Biogeography of the Brazilian coast: what can a meiofaunal group without dispersive stages teach us about the biogeography and genetic connectivity along our coastline?* A. Pepato (PI). \$88,215.52 plus additional funding for 6 trips USA-Brazil and for Doctoral Sandwich fellowship abroad - SWE up to 36 months.

2014-2016 co-PI. Ministry of Education and Science of the Russian Federation. *Myrmecophilous acariform mites (Acariformes) of SW Siberia*. No. 6.1933.2014/K (project code 1933). A. Tolstikov (PI) and 2 other co-PIs. \$400,000.00

2014-2016 Funded collaborator. United States Department of Agriculture. *Effect of climate change on multitrophic interactions among solitary pollinator bees, bee parasites, and crops*. Park, Y.L. (PI)

2013-2014 PI. Privately funded by M. Bloomberg. Genomic sequencing of the American House Dust Mite. Actual project cost.

2011-2012 PI. Encyclopedia of Life fellowship. *Building content for EOL: Higher-level classification of Acari and astigmatan mite taxonomy*. \$20,000

2010-2011 PI. Russian Ministry of Science and Education. *Phylogeny and biodiversity of*

- 2006-2009 *mites Endeostigmata from deep-soil*. \$58,300
 Co-written with Barry OConnor (PI). NSF-Systematic Biology *Phylogeny of the House Dust Mites and Relatives: Evolution or Devolution of Parasitism?*
 \$450,000

PARTICIPATION IN EXTERNALY FUNDED PROJECTS

- 2012-2015 NSF-DEB. *Evolving hyperdiversity in phenotypic, ecological, and geographic networks: testing the taxon cycle and alternatives in Indo-Pacific Pheidole*
- 2009-2011 NSF-Evolutionary Processes Cluster. *Estimating Species Trees with Population Genetic Approaches: Working Towards a New Phylogenetic Paradigm for 21st Century Phylogenetics*
- 2001-2006 NSF-PEET. *Phylogeny and Historical Ecology of Mite Parasites of Vertebrates (Acari: Dermanssoidea and Sarcoptoidea)*
- 2002-2004 US Department of Agriculture. *Systematics and ecology of North American bee-associated mites: potential threats to native and introduced pollinators*
- 2000-2001 NSF-PEET. *Systematics, Ontogeny and Ecology of the Family Acaridae (Acari: Astigmata)*.
- 1999 Russian Foundation for Basic Research. *Computerized catalog of insects of the Russian Far East*

PUBLICATIONS

List of Publications

Monographs

- Klimov, P. B., and B. M. OConnor. 2008. Morphology, Evolution, and Host Associations of Bee-Associated Mites of the Family Chaetodactylidae (Acari: Astigmata), with a Monographic Revision of North American Taxa. Miscellaneous Publications. Museum of Zoology, University of Michigan. 199. 243 pp.

Peer-reviewed papers

- Klimov, P. B, Bochkov A. V. OConnor, B. M. 2015. Phylogenetic position of the house dust mite subfamily Guatemalichinae (Acariformes: Pyroglyphidae) based on integrated molecular and morphological analyses and different measures of support. *Cladistics*. DOI: 10.1111/cla.12126. Early View.
- Pepato, A. R. and Klimov, P. B. 2015. Origin and higher-level diversification of acariform mites – evidence from nuclear ribosomal genes, extensive taxon sampling, and secondary structure alignment. *BMC Evolutionary Biology*. 15(178): 1-20.
- Economo, E. P., Sarnat, E. M., Janda, M., Clouse, R., Klimov, P., Fischer, G., Blanchard, B., Ramirez, L., Anderson, A., Berman M., Guénard, B., Lucky, A., Rabeling, C., Wilson, E.O., Knowles, L. L. Breaking out of biogeographic modules: range expansion and taxon cycles in the hyperdiverse ant genus *Pheidole*. *Journal of Biogeography*. 42(12): 2289-2301. DOI: 10.1111/jbi.12592.
- Economo, E. P., Klimov, P. B., Sarnat, E. M., Guénard, B, Weiser, M. D., Lecroq, B., Knowles, L. L. 2015. Global phylogenetic structure of the hyperdiverse ant genus *Pheidole* reveals the repeated evolution of macroecological patterns. *Proceedings of the Royal Society B: Biological Sciences*. 282(1798): 1-10. Highlighted in NSF's News from the Field

- Klimov, P. B., Bochkov, A. V., OConnor, B. M. 2015. *Tachornithoglyphus* (Acariformes: Astigmata) – a new genus of nidicolous Pyroglyphidae. *Zootaxa*. 3956 (1): 97–112.
- Economu, E. P., Klimov, P. B., Sarnat, E. M., Guénard, B., Weiser, M. D., Lecroq, B., Knowles, L. L. 2015. Global phylogenetic structure of the hyperdiverse ant genus *Pheidole* reveals the repeated evolution of macroecological patterns. *Proceedings of the Royal Society B: Biological Sciences*. 282(1798): 1-10. [Highlighted in NSF's News from the Field](#).
- Rubaba H. S.*, Klimov P. B., Inam, M., Chaudhary, F.R., and OConnor, B. M. 2014. Group 1 allergen genes in two species of house dust mites, *Dermatophagoides farinae* and *D. pteronyssinus* (Acari: Pyroglyphidae): Direct sequencing, characterization and polymorphism. *PLOS ONE* (accepted) (*=Doctoral student of P. Klimov). [Featured in The Atlantic magazine, Discovery News, Medical Daily, UM News](#).
- Bochkov A. V.*, Klimov P.B.*, Hestvik G., Saveljev, A. P. 2014. Integrated Bayesian species delimitation and morphological diagnostics of choriopic mange mites (Acariformes: Psoroptidae: *Choriopetes*). *Parasitology Research*. 113(7): 2603-2627. (* equal contribution)
- Bochkov A. V., Klimov P.B., Grootaert, P. 2014. Revision of the subfamily Onychalginæ Fain, 1988 (Acariformes: Pyroglyphidae) — ectoparasites of passerine birds. *Zootaxa*. 3785 (2): 175–200.
- Klimov, P.B., OConnor, B.M. 2013. Is permanent parasitism reversible? - Critical evidence from early evolution of house dust mites. *Systematic Biology*. 62(3): 411-423. [Cover]. [Featured in NSF News, Science Daily, Discover Magazine, UM Gateway, and other sites](#). [Interviewed by New York Times, Newsweek, Huffington Post](#).
- Knowles, L. L., Lanier, H. C., Klimov, P. B., He, Q. 2012. Full modeling versus summarizing gene-tree uncertainty: method choice and species-tree accuracy. *Molecular Phylogenetics and Evolution*. 65(2): 501-509.
- Klimov, P. B., and Knowles, L. L. 2011. Repeated parallel evolution of minimal rRNAs revealed from detailed comparative analysis. *Journal of Heredity*. 102(3): 283-293.
- Klimov, P. B., Sidorchuk, E. 2011. An enigmatic lineage of mites from Baltic amber shows a unique, possibly female-controlled mating. *Biological Journal of the Linnean Society*. 102: 661-668. [Featured in ScienceDaily, MSNBC news, the Discovery Channel, the University of Michigan News Service, and many other US and international news sites](#).
- Knowles, L., Klimov, P. B. 2011 (invited paper). Estimating *phylogenetic* relationships despite discordant gene trees across loci: the species tree of a diverse species group of feather mites (Acari: Proctophyllodidae). *Parasitology*. 138(13): 1750-1759.
- Bochkov A. V., Klimov, P. B., Wauthy, G. 2011. Phylogeny and coevolutionary associations of makialgine mites (Acari, Psoroptidae, Makialginae) provide insight into evolutionary history of their hosts, strepsirrhine primates. *Zoological Journal of the Linnean Society*. 162(1): 1-14.
- Sidorchuk E. A., Klimov, P. B. 2011. Redescription of *Acarus rhombeus* Koch & Berendt, 1854 (Acari: Astigmata: *Glaesacarus*, Glaesacaridae gen. et fam. nov.) from Baltic amber (Upper Eocene): evidence for female-controlled mating. *Journal of Systematic Palaeontology*. 9(2): 183-196.
- Klimov, P.B. and Tolstikov, A.V. 2011. Acaroid mites of Northern and Eastern Asia (Acari: Acaroidea). *Acarina*. 19: 252-264.
- Bochkov, A. V., Klimov, P. B., Wauthy, G. 2010. A review of the mite subfamily Makialginae (Acari: Psoroptidae) - permanent parasites of strepsirrhine primates. *Tijdschrift voor Entomologie*. 153: 217-237.

- Stekolnikov, A., Klimov, P. 2010. A revision of chiggers of the *minuta* species-group (Acari: Trombiculidae: *Neotrombicula*) using multivariate morphometrics. *Systematic Parasitology*. 77: 55-69.
- Estrada-Bárceñas, D. A., Palacios-Vargas, J. G., Estrada-Venegas, E., **Klimov, P. B.**, Martínez-Mena, A., Taylor, M. L. 2010. Biological activity of the mite *Sancassania* sp. (Acari: Acaridae) from bat guano associated with the pathogenic fungus *Histoplasma capsulatum*. *Memórias do Instituto Oswaldo Cruz*. 105(2): 127-131.
- Klimov, P.B., OConnor, B.M., 2010. Case 3501. *Acarus putrescentiae* Schrank, 1781 (currently *Tyrophagus putrescentiae*; Acariformes, ACARIDAE): proposed conservation of usage by designation of a replacement neotype. *The Bulletin of Zoological Nomenclature*. 67(1): 24-27.
- Klimov, P. B. and OConnor, B. M. 2009. Improved tRNA prediction in the American house dust mite reveals widespread occurrence of extremely short minimal tRNAs in acariform mites. *BMC Genomics*. 10: 598 doi:10.1186/1471-2164-10-598
- Klimov P. B. and OConnor, B. M. 2009. Conservation of the name *Tyrophagus putrescentiae*, a medically and economically important mite species (Acari: Acaridae). *International Journal of Acarology*. 35(2): 95-114.
- Klimov, P. B. and OConnor, B. M. 2008. Origin and higher-level relationships of psoroptidian mites (Acari: Astigmata: Psoroptidia): Evidence from three nuclear genes. *Molecular Phylogenetics and Evolution*. 47(3): 1135-1156.
- Klimov, P. B. OConnor, B. M., and Knowles, L. L. 2007. Museum specimens and phylogenies elucidate ecology' s role in coevolutionary associations between mites and their bee hosts. *Evolution*. 61(6): 1368-1379.
- Klimov, P. B., Vinson B. S., OConnor, B. M. 2007. Acarinaria in associations of apid bees (Hymenoptera) and chaetodactylid mites (Acari). *Invertebrate Systematics*. 21: 109-136
- Klimov, P. B. and OConnor, B. M. 2007. Ancestral area analysis of chaetodactylid mites (Acari: Chaetodactylidae), with description of a new early derivative genus and six new species from the Neotropics. *Annals of the Entomological Society of America*. 100(6): 810-829.
- Rojas E. W. and Klimov B. M. 2007. Mites of the genus *Rhizoglyphus* (Acari: Acaridae) infesting cultivated bulbs in central and southern Chile, with taxonomic notes on *Acarus hyacinthi* Boisduval and *Rhizoglyphus frickorum* Nesbitt. *International Journal of Acarology*. Vol. 33(1): 87-90.
- Klimov, P. B., Bochkov A. V., OConnor B. M. 2006. Host specificity and multivariate diagnostics of cryptic species in predacious cheyletid mites of the genus *Cheletophyes* (Acari: Cheyletidae) associated with large carpenter bees. *Biological Journal of the Linnean Society*. 87 (1): 45-58.
- Bochkov, A. V., Klimov, P. B., OConnor, B. M. 2005. Fur-mites of the genus *Atopomelus* Trouessart, 1918 (Acari: Atopomelidae) life-cycle phylogeny and host parasite-associations. *Acarologia* 45: 207-241. .
- Bochkov, A. V. and Klimov, P. B. 2005. Three new species of the predaceous Cheyletidae (Acari: Prostigmata) phoretic on insects. *Acarina*, 13(1): 15-22. .
- Klimov, P. B., OConnor B. M. 2005. Phylogeny, biogeography and phoretic associations of mites of the genus *Boletoglyphus* (Acari: Acaridae) associated with polypore fungi. In B. R. Striganov (Ed.). In: *Proceeding of symposium "Ecological diversity of soil biota and bioproductivity of soil" (Tyumen', 1-4 Feb 2005)*: 124-125.
- Klimov, P. B., OConnor B. M. 2004. Multivariate discrimination among cryptic species of the mite genus *Chaetodactylus* (Acari: Chaetodactylidae) associated with bees of the genus *Lithurgus* (Hymenoptera: Megachilidae) in North America. *Experimental and Applied Acarology* Vol. 33. P. 157-182.

- Klimov, P. B., Lekveishvili, M., Dowling A. P. G., OConnor B. M. 2004. Multivariate analysis of morphological variation in two cryptic species of *Sancassania* (Acari: Acaridae) from Costa Rica. *Annals of the Entomological Society of America*. Vol. 97, N 2. P. 322-345.
- Bochkov, A. V., Klimov, P. B. 2004. A new predaceous mite, *Nodele* (*Aztecocheyletus*) *conquistador* subg. n., sp n. (Acari: Cheyletidae), phoretic on a bee *Aztecantidium tenochtitlanicum* (Hymenoptera: Megachilidae). *Acarina*. 12(1): 23-27.
- Klimov, P. B and B. M. OConnor. 2003. Phylogeny, historical ecology and systematics of some mushroom-associated mites of the genus *Sancassania* (Acari: Acaridae), with new generic synonymies. *Invertebrate Systematics*. Vol. 17. P. 469-514.
- Klimov, P. B. 2000. The origin of astigmatid mites ontogenesis (Acariformes, Astigmata). *Chteniya Pamyati Alekseya Ivanovicha Kurentsova* (A.I.Kurentsov's Annual Memorial Meetings). Issue 11. Vladivostok: Dal'nauka Press. P. 121-138 [in Russian]
- Klimov, P. B. 2000. Notes on systematics, distribution and ecology of mites of the genus *Fagacarus* (Acariformes: Acaridae). *Acarina*. Vol.8. N.2. P.105-115.
- Klimov, P. B. 2000. A review of acarid mites of the tribe Caloglyphini (Acaridae, Acariformes) with description of a new genus and species from Siberia and Russian Far East. *Vestnik zoologii. Ukraine*. Vol. 34, N 4-5. p. 27-35.
- Klimov, P. B. 2000. *Paulacarellus faini* sp. n., a new species of acarid mite (Acariformes: Acaridae) from the Russian Far East. *Acarologia*. T. 41, fasc. 3-4. p. 249-253.
- Klimov, P. B. 2000. [Bionomy of acarid mite *Calvoliella laphriae* (Samšínák, 1956) (Acariformes, Acaridae), phoretic on flies of the genus *Laphria* (Diptera, Asilidae)]. *Chteniya Pamyati Alekseya Ivanovicha Kurentsova* (A.I.Kurentsov's Annual Memorial Meetings). Issue 9. Vladivostok: Dal'nauka Press. P. 91-104 [in Russian, English abstarct].
- Klimov, P. B. 1999. Description of a new genus, *Umakefeq* gen. n., including three new species of mycetophagous acarid mites (Acariformes, Acaridae) from Eastern Palaearctic. *Acarina*. Vol. 7, N 2. P. 93-106.
- Klimov, P. B. 1999. [Notes on systematics and distribution of the mite subfamily Fagacarinae (Acariformes: Acaridae)]. *Proceedings of VIIth Acarological meetings Saint Petersburg, 1999*. P. 32-33. [in Russian]
- Klimov, P. B. 1999. [Akaroidnye kleshi Dal'nego Vostoka Rossii (Acariformes: Acaroidea)]. Ph. D. Thesis. Vladivostok: Dal'nauka. 1-20 p. [in Russian]
- Klimov, P. B. 1998. To the knowledge of mites and ticks (Acari) of Kuril Islands. *Far Eastern Entomologist*. N 36. P. 1-36.
- Klimov, P. B. 1998. To the knowledge of acarid mites of the genus *Schwiebea* (Acariformes, Acaridae) from Far East, with notes on the genus. *Vestnik zoologii. Ukraine*. Vol. 32, N 3. P. 13-30.
- Klimov, P. B. 1998. A new tribe of acarid mites of the subfamily Rhizoglyphinae (Acariformes, Acaridae). *Far Eastern Entomologist*. N 59. P. 1-19.
- Klimov, P. B. 1998. *Viedebanttia egorovi* sp. n., a new acarid mite (Acariformes: Acaridae) from South Korea, with notes on the genus. *Zoosystematica rossica*. Vol. 8. P. 251-254.
- Klimov, P. B. 1998. *Michaelopus longiretinalis* sp. n. (Acari, Acaridae), a new species of acaroid mite associated with beetle *Onthophagus lenzi* (Coleoptera, Scarabaeidae) from South Korea. *Acarina*. Russian Journal of Acarology. Vol. 6, N 1-2. P. 17-19.
- Klimov, P. B. 1998. [Biology of development of the acarid mite *Sancassania mandzhur* (Acari, Acaridae). *Chteniya Pamyati Alekseya Ivanovicha Kurentsova* (A.I.Kurentsov's Annual Memorial Meetings). Issue 8. Vladivostok: Dal'nauka Press. P. 93-106. [in Russian]
- Klimov, P. B. 1998. [A review of the mite genus *Boletoglyphus* Volgin, 1953 (Acari, Acaridae)]. *Zoologicheskii Zhurnal*. Vol. 77, N. 10. P. 1122-1127. [in Russian] Translated in *Entomological Review*, Vol. 78, N 9 1998, p. 1094-1101]
- Klimov, P. B. 1997. New data on the fauna and biology of acarid mites (Acari, Acaridae) from the Far East. *Acarina*, Russian Journal of Acarology. Vol. 5, N 1-2. P. 69-72.

- Klimov, P. B. 1997. [Data on the biology and systematics of *Paracaropsis travisi* (Acari, Cheyletidae), new mite for Russia]. Fundamental'nye problemy okhrany okruzhayushchey sredy. Vol. 1. P. 9-11. [in Russian]
- Klimov, P. B. 1996. A review of the Palaearctic genus *Mezorhizoglyphus* Kadzhaja, 1966 (Acari, Acaridae). Far Eastern Entomologist. N 25. P. 1-8.
- Klimov, P. B. 1996. [New species of acarid mite of the genus *Caloglyphus* (Acari, Acaridae) from Russian Far East]. Zoologicheskij Zhurnal. 1996. Vol. 75, N 4. P. 613-619. [in Russian]

Electronic publications

- Klimov, P. B, OConnor, B. M. 2004. Visual Key.
- Klimov, P. B, OConnor, B. M. 2004. North American bee-associated mites: potential threats to native and introduced pollinators.
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TEACHING AND TRAINING

Ph.D. STUDENTS

- 2013-present Pamela Murillo Rojas "Adaptive radiation and evolution of niche specialization in acarid mites (Acaridae)".
- 2015-present Seyed Abdolazim Mortazavi Lahijani. "Molecular phylogenetics of prostigmatan mites, with a proposal of a new family"
- 2012-2015 Rubaba Hamid "Expression of group 1 allergen proteins of house dust mites in bacterial systems". Defended Ph.D. thesis in 2015
- 2016-present Guilherme Liberato Silva. "Investigating causes of reproductive incompatibility between populations of *Tyrophagus putrescentiae*, a medically and economically important mite species"

UNDERGRADUTE STUDENTS

- 2016-present Samuel Geremias Dos Santos Costa. "Parasitengone mites, natural enemies of mosquitoes in Brazil"
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Workshops

- 2013 Species Delimitation Course. Universidade Federal de Minas Gerais (Brazil). 16-20 de dezembro de 2013. "Bayesian Species Delimitation using *BPP*." (co-organized with Almir Pepato, 20 hrs).
- 2014 Tool Developers Workshop, October 16-17, 2014 (USDA headquarters, Fort Collins, Colorado). "Computer-assisted identification of bee mites" (0.5 hrs).

Seminars

- 2011 University of Michigan. "What can ancient asexuals teach us about the evolution of sex maintenance?"
- 2011 Tyumen' State University (Russia).
 1) "Evolution of basal acariform mites (Endeostigmata)"
 2) "Phylogenetic reconstructions in acarology"
- 2007 University of Michigan and Institute of Medical Acarology in Russia (via videoconference) "Coevolutionary associations between bees and mites (Apoidea-Chaetodactylidae)"

Conference presentations

- 2014 14th International Congress of Acarology, Kyoto, Japan. July 14-18, 2014. "Phylogeographic history and diversification of chaetodactylid mites (Chaetodactylidae), intimate associates of long-tongued bees" (with Barry OConnor)
- 2013 Simpósio de Zoologia Sistemática Universidade Federal de Minas Gerais (Brazil). 16-20 de dezembro de 2013. "Is permanent parasitism reversible? - Critical evidence from early evolution of house dust mites."
- 2013 The Annual Meeting of the Entomological Society of America. November 10-13, 2013. Austin, Texas. "Does deep soil habitat influence the maintenance of ancient asexual lineages in acariform mites?" (with Barry OConnor, Almir Pepato, Samuel Bolton, Hans Klompen, Andrey Tolstikov)
- 2013 Fluid-Preserved Invertebrate and Microscopic Slide Imaging Workshop, Museum of Natural History, University of Michigan (invited). "Slide imaging at the University of Michigan Museum of Zoology"
- 2013 The 2013 Evolution Meeting, Snowbird, Utah. "Colonization history and speciation dynamics: understanding species diversity patterns in the hyperdiverse *Pheidole* ants from the South Pacific"
- 2010 XIII International Congress of Acarology, Brazil (invited).
 1) "Placing Endeostigmata and Astigmata in the acariform tree of life using five nuclear genes" (with Barry OConnor);
 2) "Not gone with the wind: origin and diversification of hummingbird proctophyllodid mites (Acari: Proctophyllodidae) as evidenced by five nuclear genes (with Barry OConnor)";
 3) "Phylogenetic relationships of the Sarcoptoidea (Acari: Astigmata) parasitic on mammals: evidence for polyphyly of the group" (B.M. OConnor & P.B. Klimov)
- 2009 The Annual Meeting of the Entomological Society of America. "Evaluation of basal relationships of acariform mites using five nuclear genes" (with Barry OConnor)
- 2005 The Annual Meeting of the Entomological Society of America. "Chaetodactylid mites: Evolution and Host Associations (Acari: Chaetodactylidae) (with Barry OConnor)"
- 2004 The National Science Foundation's Partnerships for Enhancing Expertise in Taxonomy (PEET-V). University of Illinois at Urbana-Champaign "The next generation of identification tools: interactive programs incorporating multivariate models" (with B. M. OConnor)
- 2004 The Annual Meeting of the Entomological Society of America. "Evaluation of host specificity in mites of the genus *Cheletophyes* (Cheyletidae) using linear and non-linear multivariate statistics" (with Andre Bochkov and Barry M. OConnor)
- 2003 The Annual Meeting of the Entomological Society of America. "Multivariate Discrimination Among Cryptic Species of the Mite Genus *Chaetodactylus* (Acari: Chaetodactylidae) Associated with Bees of the Genus *Lithurgus* (Hymenoptera: Megachilidae) in North America" (with Barry M. OConnor)

- 2002 The National Science Foundation's Partnerships for Enhancing Expertise in Taxonomy (PEET-IV).
1) "Phylogeny, biogeography and host associations of the genus *Boletoglyphus* (Acari: Acaridae) associated with polypore fungi" (with B. M. OConnor)
2) "Phylogeny and historical ecology of some mushroom-associated mites of the genus *Sancassania* (Acari: Acaridae), with some new generic synonymies" (with M. Lekveishvili & Barry M. OConnor)
- 2002 XI International Congress of Acarology. Mérida, Yucatán, México. "Multivariate tools for distinguishing of cryptic species of mites of the genus *Sancassania* (Acari: Acaridae)" (with Barry M. OConnor)
- 2001 The Annual Meeting of the Entomological Society of America.
1) "Phylogeny, biogeography and host associations of the genus *Boletoglyphus* (Acari: Acaridae) associated with polypore fungi" (with B. M. OConnor)
2) "Phylogeny and historical ecology of some mushroom-associated mites of the genus *Sancassania* (Acari: Acaridae), with some new generic synonymies" (with M. Lekveishvili & Barry M. OConnor)
- 1999 VIIIth Acarological Conference, Saint Petersburg, Russia. "Notes on systematics and distribution of the mite subfamily Fagacarinae (Acariformes: Acaridae)"
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PROFESSIONAL SERVICE

Editorial service

Editor of the journal *Acarina* (2000-present)

Editorial board of journal *Acarologia* (2015-present)

Membership in Scientific Societies

Acarological Society of America (board member), Entomological Society of America, Society for the Study of Evolution.

Referee service

Grant reviewer

US National Science Foundation (NSF) in bioinformatics and systematic biology

Austrian Science Fund (FWF)

Polish National Science Center

Reviewer for the International PhD Program jointly organized by the Dresden International Graduate School for Biomedicine and Bioengineering and the International Max Planck Research School for Cell, Developmental and Systems Biology.

Referee service for professional journals

Evolution, Molecular Ecology, Molecular Phylogenetics and Evolution, Proceedings of the Royal Society B: Biological Sciences, BMC Genomics, Biological Journal of the Linnean Society, Journal of Genetics and Genomics, Invertebrate Systematics, The Journal of Parasitology, Systematic Parasitology, Annals of the Entomological Society of America, Journal of Medical Entomology, Zoologischer Anzeiger, Journal of Natural History, Insect Systematics and Evolution, Journal of Zoological Systematics and Evolutionary Research, Polar Biology, International Journal of Acarology, Experimental and Applied Acarology, Journal of Stored Product Research, Journal of Applied Entomology, Journal of Insect Science, Systematic and Applied Acarology, Apidologie, Zootaxa, Zoological Science, Acarologia, Zookeys, Contributions to Zoology (Leiden), Entomologica Fennica, Neotropical Entomology, New Zealand Journal of Zoology, Biologia (Bratislava), Belgian Journal of Entomology, Revista

Ibérica de Aracnología, Zoologicheskiy zhurnal, Records of the Canterbury Museum,
International Journal of Agriculture and Biology (IJAB).

SYNERGETIC ACTIVITIES

2011-present Consultant on minimal rDNA structures for Nymirum (a RNA-based drug
development company)