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CITIZENSHIP: Sweden, USA, Lithuania, India (OCI)

EDUCATION/ PROFESSIONAL EXPERIENCE:

2017-present	Professor Dept. of Biology San Francisco State University, San Francisco, CA.
2012-2017	Associate Professor
2007-2012	Assistant Professor
2004-2007	Adjunct Professor Dept. of Biology, San Francisco State University, San Francisco, CA.
2001-2004	Postdoctoral Fellow Research Advisors: Professor Thomas B. Smith, Ph.D. and Professor Lisa A. Tell, D.V.M. University of California, Davis, Davis, CA.
1999-2001	Postdoctoral Fellow Research Advisor: Professor Thomas B. Smith, Ph.D. Center for Tropical Research, San Francisco State University, San Francisco, CA.
1998-1999	Cell Biology Specialist Guava Technologies, Alameda, CA.
1988-1997	Ph.D. in Cell Biology Thesis Advisor: Professor Louis F. Reichardt, Ph.D. Dept. of Biochemistry and Biophysics University of California, San Francisco, San Francisco, CA.
1992-1994	Graduate Research Advisor: Professor Håkan Persson, Ph.D. Karolinska Institute, Lab of Molecular Neurobiology, Stockholm, Sweden
1984-1988	B.A. in Biology and B. Music Oberlin College and Conservatory of Music, Oberlin, OH.

HONORS/AWARDS:

2016	Fellow of the California Academy of Sciences.
2012-present	National Geographic Explorer
2009-present	Research Associate, California Academy of Sciences.
2009	Outstanding Teacher Award, Dept. of Biology, SFSU.
2001-2004	Professors of the Future Training Program Awardee, NIH IRACDA Program
1999-2001	Research in Minority Institutions, NIH Postdoctoral Training Program Awardee
1988	Graduated Pi Kappa Lambda, Oberlin Conservatory

PEER-REVIEWED PUBLICATIONS:

* denotes Master's student under my direct supervision.

• denotes undergraduate student under my direct supervision.

° denotes postdoctoral fellow under my direct supervision.

1. Esperanza CW*, Quock RC*, Duerr RS, Roy SW and **R. Sehgal** (2024) Comparative gene expression responses to Babesia infection and oil contamination in a seabird. Front. Conserv. Sci. 5:1425484. doi: 10.3389/fcosc.2024.1425484
2. Mayi, M. P. A., Kowo, C., Forfuet, F. D., Anong, D. N., Fonda, A. E., Elad, M., Djomo, C. J. P., Tchuinkam, T., **R. Sehgal**., & Cornel, A. J. Water sources selected for immature development of some African rainforest dwelling mosquitoes under different landscapes in Cameroon. Journal of Medical Entomology, 2024.
3. Gutiérrez-Lopez, R., Ferraguti, M., Bodawatta, K. H., Chagas, C. R. F., Chakarov, N., Duc, M., Emmenegger, T., García-Longoria, L., Lopes, R. J., Martínez-de la Puente, J., Renner, S. C., Santiago-Alarcon, D., **R. Sehgal.**, Stankovic, D., Marzal, A., & Dunn, J. C. The Wildlife Malaria Research Network (WIMANET): Meeting report on the 1st WIMANET workshop. 2024, International Journal of Parasitology: Parasites and Wildlife. 100989.
4. Kowo, C., Mayi, M. P. A., Gouveia de Almeida, A. P., Foncha, D., Elad, M., Andongma, E. Djomo, C., Fru-Cho, J., Anong, D. N., **R. Sehgal** and Cornel, A. J. 2023. Descriptions of a new *Aedes* species and subspecies of the subgenus *Aedimorphus*, from southwest Cameroon and updated key for the species of the "Domesticus group". African Entomology. 31: e15181.
5. De Amaral*, F, Wilson, RE, Sonsthagen, SA, **R. Sehgal**. 2023. Diversity, distribution, and methodological considerations of haemosporidian infections among Galliformes in Alaska. International Journal for Parasitology: Parasites and Wildlife. 20:122-32.
6. Ferraguti M, Magallanes S, Jiménez-Peñuela J, Martínez-de la Puente J, Garcia-Longoria L, Figuerola J, Muriel J, Albayrak T, Bensch S, Bonneaud C, Clarke RH (43 authors including **R. Sehgal**) and Marzal, A. 2023. Environmental, geographical and time-related impacts on avian malaria infections in native and introduced populations of house sparrows (*Passer domesticus*), a globally invasive species. Global Ecology and Biogeography. 32(5): 809-823.
7. Kirschel, A., Njabo, K., Sehgal, **R. Sehgal** and Smith, T.B. 2022. A Shelley's Eagle Owl (*Bubo shelleyi*) sighting from Cameroon in 2005. The Bulletin of the African Bird Club. 29: 221.
8. Galvin*, A.N., Pandit, P.S., English, S.G., Quock*, R.C., Bandivadekar, R.R., Colwell, R.R., Robinson, B.W., Ernest, H.B., Brown, M.H., **R. Sehgal** and Tell, L.A. 2022. Evaluation of minimally invasive sampling methods for detecting Avipoxvirus: Hummingbirds as a case example. Frontiers in Veterinary Sciences. 9: 924854.
9. Rodrigues*, J.R., Roy, S.W., **R. Sehgal**, 2022. Novel RNA viruses associated with avian haemosporidian parasites. PLoS One. 17(6):e0269881.
10. Loiseau, C, **R. Sehgal**. 2022. Consequences of deforestation and habitat degradation on wildlife mosquito-borne diseases. In *Ecology of diseases transmitted by mosquitoes to wildlife.* Editors Guitierrez-Lopez et al. ISBN: 978-90-8686-379-2
11. Amaya-Mejia*, W, Dodge* M, Morris• B, Dumbacher JP, **R. Sehgal**. Prevalence and diversity of avian haemosporidian parasites across islands of Milne Bay Province, Papua New Guinea. Parasitology Research. 2022 Jun;121(6):1621-30.
12. David Forfuet F, Mayi MP, Fru-Cho J, Kowo C, Nota Anong D, Esack Fonda A, Djomo C, Tchuinkam T, Brisco KK, **R. Sehgal**, John Cornel A. 2022. Efficacy of Trapping Methods in the Collection of *Eretmapodites* (Diptera: Culicidae) Mosquitoes in an Afrotropical Rainforest Region, South Western Cameroon. Journal of Medical Entomology. 2022 May 28.

13. Groff*, T.C., Lorenz, T.J., Iezhova, T.A., Valkiūnas, G. and **R. Sehgal**, 2022. Description and molecular characterization of novel Leucocytozoon parasite (Apicomplexa: Haemosporida: Leucocytozoidae), *Leucocytozoon polynuclearis* n. sp. found in North American woodpeckers. Systematic Parasitology, pp.1-12.

14. Sobeck•, J., Nsengimana, O., Ruhagazi, D., Uwanyirigira, P., Mbasinga, G., Tumushime, J.C., Kayitare, A., Bahizi, M., Muvunyi, R. and **R. Sehgal**, 2022. Haemosporidia of grey crowned cranes in Rwanda. Parasitology Research, 121(1), pp.477-482.

15. Mackenzie, A.M., Dudenhoeffer, M., Bangoura, B., **R. Sehgal**, Tell, L.A., Godwin, B.L. and Ernest, H.B., 2022. Prevalence and diversity of haemosporidians in a migratory high-elevation hummingbird in North America. Parasitology Research, pp.1-5.

16. Lilly, M., Amaya-Mejia*, W., Pavan, L., Peng, C., Crews, A., Tran, N., **R. Sehgal**, and Swei, A., 2022. Local Community Composition Drives Avian Borrelia burgdorferi Infection and Tick Infestation. Veterinary Sciences, 9(2), p.55.

17. Garcia-Longoria, L., Muriel, J., Magallanes, S., Villa-Galarce, Z.H., Ricopa, L., Inga-Díaz, W.G., Fong, E., Vecco, D., Guerra-SaldaÑa, C., Salas-Rengifo, T. and Flores-Saavedra, W.,…**R. Sehgal**, and Marzal A., 2021. Diversity and host assemblage of avian haemosporidians in different terrestrial ecoregions of Peru. Current Zoology.

18. A. N. Galvin*, A. C. Bradshaw*, B. M. Myers, L. A. Tell, H. B. Ernest, and **R. Sehgal**. 2021. Low Prevalence of Haemosporidians in Blood and Tissue Samples from Hummingbirds. The Journal of Parasitology 107: 794-798.

19. M. Yoshimoto, K. Ozawa, H. Kondo, Y. Echigoya, H. Shibuya, Y. Sato, and **R. Sehgal**. 2021. A fatal case of a captive snowy owl (*Bubo scandiacus*) with Haemoproteus infection in Japan. Parasitology Research 120: 277-288.

20. M. L Aranda et al. (35 authors including **R. Sehgal**). 2021. Student-Authored Scientist Spotlights: Investigating the Impacts of Engaging Undergraduates as Developers of Inclusive Curriculum through a Service-Learning Course. CBE—Life Sciences Education 20, no. 4: ar55.

21. A. J. Cornel, M. P. Audrey Mayi, C. Kowo, D. Foncha, E. Andongma, D. N. Anong, M. Elad, C. Djomo, T. Tchuinkam, K. K. Brisco, and **R. Sehgal**. 2020. New species of Culex (Culiciomyia) (Diptera: Culicidae) from Talangaye Forest in Cameroon and descriptions and identification keys for males of the Afrotropical species of the subgenus. Zootaxa 4858, no. 4: zootaxa-4858.

22. M. A. Tchoumbou, M. P. Mayi, E. N. Malange, F. D. Foncha, C. Kowo, J. Fru-Cho, T. Tchuinkam, J. Awah-Ndukum, R. Dorazio, D. Anong Nota, A. J. Cornel and **R. Sehgal**. 2020. Effect of deforestation on prevalence of avian haemosporidian parasites and mosquito abundance in a tropical rainforest of Cameroon. International Journal of Parasitology: 50: 63-73.

23. M. N. F. Elikwo, D. Anong Nota, T. M. Adele and **R. Sehgal** 2020. Effects of deforestation on avian parasitic co-infections in recaptured birds from an African Tropical Rainforest. Nanotechnology and Applications: 2: 1-13.

24. H. E. Baek*, R. R. Bandivadekar, P. Pandit, M Mah, **R. Sehgal** and L. A. Tell. 2020. TaqMan quantitative real-time PCR for detecting Avipoxvirus DNA in various sample types from hummingbirds. PLoS One: 15(6): e0230701.

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26. M. P. Mayi, D. F. Foncha, C. Kowo, T. Tchuinkam, K. Brisco, D. Anong Nota, **R. Sehgal** and A. J. Cornel. 2019. Impact of deforestation on the abundance, diversity, and richness of Culex mosquitoes in a southwest Cameroon tropical rainforest. Journal of Vector Ecology. 44: 271-281.

27. T. C. Groff*, T. J. Lorenz, R. Crespo, T. Iezhova, G. Valkiūnas and **R. Sehgal**. 2019. Haemoproteosis lethality in a woodpecker, with molecular and morphological characterization of *Haemoproteus velans* (Haemosporida, Haemoproteidae). International Journal for Parasitology: Parasites and Wildlife. Doi: 10.1016/j.iippaw.2019.07.007

28. **R. Sehgal**. 2019. Recognition of the 4th International Conference on Malaria and Related Haemosporidian Parasites of Wildlife, held Nov. 1–5, 2018 in Beijing China. International Journal for Parasitology: Parasites and Wildlife. 8:33-35.

29. M. T. Owens et al. (68 authors including **R. Sehgal**). 2018. Collectively improving our teaching: Attempting Biology Department-wide professional development in scientific teaching. CBE: Life Sciences Education. 17(1): ar2.

30. J. Weinberg*, J. T. Field*, M. Ilgūnas, D. Bukauskaitė, T. Iezhova, G. Valkiūnas and **R. Sehgal**. 2018. De novo transcriptome assembly and preliminary analyses of two avian malaria parasites, *Plasmodium delichoni* and *Plasmodium homocircumflexum*. Genomics. doi: 10.1016/j.ygeno.2018.12.004.

31. J. T. Field*, J. Weinberg*, S. Bensch, N. E. Matta, G. Valkiūnas and **R. Sehgal**. 2018. Delineation of the genera *Haemoproteus* and *Plasmodium* using RNA-Seq and multi-gene phylogenetics. Journal of Molecular Evolution. 86:646-654.

32. A. K. Townsend, S. S. Wheeler, D. Freund*, **R. Sehgal** and W. M. Boyce. 2018. Links between blood parasites, blood chemistry, and the survival of nestling American Crows. Ecology and Evolution. 8:8779-8790.

33. A. K. Townsend, C. C. Taff, S. S. Wheeler, A. M. Weis, M. G. Hinton, M. L. Jones, R. M. Logsdon, W. K. Reisen, D. Freund*, **R. Sehgal** and M. Saberi. 2018. Low heterozygosity is associated with vector-borne disease in crows. Ecosphere. 9:e02407.

34. J. S. Carlson*, B. Nelms, C. M. Barker, W. K. Reisen, **R. Sehgal** and A. J. Cornel. 2018. Avian malaria co-infections confound infectivity and vector competence assays of *Plasmodium homopolare*. Parasitology Research. 117: 2385-2394.

35. A. C. Bradshaw*, L. A. Tell, H. B. Ernest, S. Bahan, J. Carlson* and **R. Sehgal**. 2017. Detection and prevalence of *Haemoproteus archilochus* (Haemosporida, Haemoproteidae) in two species of California hummingbirds. Parasitology Research. 116: 1879-1885.

36. G. Valkiūnas, T. A. Iezhova and **R. Sehgal**. 2016. Deforestation does not affect the prevalence of a common trypanosome in African birds. Acta Tropica. 162: 222-228.

37. D. Freund*, S. S. Wheeler, A. K. Townsend, W. M. Boyce, H. B. Ernest, C. Cicero and **R. Sehgal**. 2016. Genetic sequence data reveals widespread sharing of *Leucocytozoon* lineages in corvids. Parasitology Research. 1-9.

38. A. R. Nelson*, R. L. Cormier, D. L. Humple, J. C. Scullen, **R. Sehgal**, N. E. Seavy. 2016. Migration patterns of San Francisco Bay Area Hermit Thrushes differ across a fine spatial scale. Animal Migration 3:1.

39. L. C. Wilkinson*, C. M. Handel, C. Van Hemert, C. Loiseau°, and **R. Sehgal**. 2016. Avian malaria in a boreal resident species: long-term temporal variability, and increased prevalence in birds with avian keratin disorder. International Journal for Parasitology. 46: 281-290.

40. E. L. Walther*, G. Valkiūnas, E. A. Wommack, R. C. K. Bowie, T. A. Iezhova and **R. Sehgal**. 2016. Description and molecular characterization of a new *Leucocytozoon* parasite (Haemosporida: Leucocytozoidae), *Leucocytozoon californicus* sp. nov., found in American kestrels (*Falco sparverius sparverius*). Parasitology Research. 115: 1853-1862.

41. **R. Sehgal**. 2015. Manifold habitat effects on the prevalence and diversity of avian blood parasites. International Journal for Parasitology: Parasites and Wildlife. 4: 421-430.

42. **R Sehgal**, T. A. Iezhova, T. Marzec•, G. Valkiūnas. 2015. *Trypanosoma naviformis* sp. nov. (Kinetoplastidae: Trypanosomatidae) from widespread African songbirds, the Olive sunbird (*Cyanomitra olivacea*) and Yellow-whiskered greenbul (*Andropadus latirostris*). Zootaxa. 4034: 342-350.

43. E. L. Walther*, J. S. Carlson*, A. Cornel, B. K. Morris•, and **R. Sehgal**. 2015. First molecular study of prevalence and diversity of avian haemosporidia in a Central California songbird community. Journal of Ornithology. 157: 549-564.

44. E. J. Lauron*, H. X. Aw Yeang, S. M. Taffner, **R. Sehgal**. 2015. De novo assembly and transcriptome analysis of *Plasmodium gallinaceum* identifies the Rh5 interacting protein (*ripr*), and reveals a lack of EBL and RH gene family diversification. Malaria Journal. 14: 296.

45. J.S. Carlson*, E. Walther*, R. Trout Fryxell, S. Staley, L. A. Tell, **R. Sehgal**, C. M. Barker and A. J. Cornel. 2015. Identifying avian malaria vectors: sampling methods influence outcomes. Parasites and Vectors. 8: 365.

46. J. E. Martínez-Gómez, N. Matías-Ferrer, **R. Sehgal** and P. Escalante. 2015. Phylogenetic placement of the critically endangered Townsend's Shearwater (*Puffinus auricularis auricularis*): evidence for its conspecific status with Newell's Shearwater (*Puffinus a. newelli*) and a mismatch between genetic and phenotypic differentiation. Journal of Ornithology. 156: 1025-1034.

47. E. J. Lauron*, C. Loiseau°, R. C. Bowie, G. S. Spicer, T. B. Smith, M. Melo and **R. Sehgal**. 2015. Coevolutionary patterns and diversification of avian malaria parasites in African sunbirds (Family Nectariniidae). Parasitology. 142: 635-647.

48. O. Hellgren, C. T. Atkinson, S. Bensch, T. Albayrak, D. Dimitrov, J. G. Ewen, K. S. Kim, M. R. Lima, L. Martin, V. Palinauskas, R. Ricklefs, **R. Sehgal**, G. Valkiūnas, Y. Tsuda and A. Marzal. 2015. Global phylogeography of the avian malaria pathogen *Plasmodium relictum* based on MSP1 allelic diversity. Ecography. 38: 842-850.

49. E. L. Evans•, J. E. Martinez-Gomez and **R. Sehgal**. 2015. Phylogenetic relationships and taxonomic status of the endemic Socorro Warbler (*Setophaga pitiayumi graysoni*). Journal of Ornithology. 156: 363-370.

50. E. J. Lauron*, K. S. Oakgrove*, L. A. Tell, K. Biskar, S. W. Roy and **R. Sehgal**. 2014. Transcriptome sequencing and analysis of *Plasmodium gallinaceum* reveals polymorphisms and selection on the apical membrane antigen-1. Malaria Journal. 13: 282.

51. K. S. Oakgrove*, R. J. Harrigan, C. Loiseau°, S. Guers, B. Seppi and **R. Sehgal**. 2014. Distribution, diversity and drivers of blood-borne parasite co-infections in Alaskan bird populations. International Journal for Parasitology. 44: 717-727.

52. E. L. Walther*, G. Valkiūnas, A. D. González, N. E. Matta, R. E. Ricklefs, A. Cornel and **R. Sehgal**. 2014. Description, molecular characterization, and patterns of distribution of a widespread New World avian malaria parasite (Haemosporida: Plasmodiidae), *Plasmodium* (*Novyella*) *homopolare* sp. nov. Parasitology Research. 113: 3319-3332.

53. A. Marzal, L. García-Longoria, J. M. C. Callirgos and **R. Sehgal**. 2014. Invasive avian malaria as an emerging parasitic disease in native birds of Peru. Biological Invasions. 17: 39-45.

54. M. A. Jasper*, J. M. Hull, A. C. Hull, and **R. Sehgal**. 2014. Widespread lineage diversity of *Leucocytozoon* blood parasites in distinct populations of western Red-tailed Hawks. Journal of Ornithology. 155: 767–775.

55. C. D. Mendenhall, H. M. Archer*, F. O. Brenes, C. H. Sekercioglu and **R. Sehgal**. 2013. Balancing biodiversity with agriculture: Land sharing mitigates avian malaria prevalence. Conservation Letters. 6: 125-131.

56. A. Križanauskienė, T. A. Iezhova, **R. Sehgal**, J. S Carlson*, V. Palinauskas, S. Bensch, and G. Valkiūnas. 2013. Molecular characterization of *Haemoproteus sacharovi* (Haemosporida,

Haemoproteidae), a common parasite of columbiform birds, with remarks on classification of haemoproteids of doves and pigeons. Zootaxa. 3613: 85-94.

57. G. Valkiūnas, T. A. Iezhova, E. Evans•, J. S. Carlson*, J. E. Martinez-Gomez, **R. Sehgal**. 2013. Two new *Haemoproteus* (Haemosporida: Haemoproteidae) species from Columbiform birds. Journal of Parasitology. 99(3): 513-521.

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59. J. S. Carlson*, J. E. Martinez-Gomez, G. Valkiūnas, C. Loiseau°, D. A. Bell and **R. Sehgal**. 2013. Diversity and phylogenetic relationships of hemosporidian parasites in birds of Socorro Island, Mexico, and their role in the re-introduction of the Socorro Dove (*Zenaida graysoni*). Journal of Parasitology. 99(2): 270-276.

60. M. Dodge*, S. L. Guers, C. H. Sekercioglu and **R. Sehgal**. 2013. North American transmission of hemosporidian parasites in the Swainson's thrush (*Catharus ustulatus*), a migratory songbird. Journal of Parasitology. 99(3): 548-553.

61. C. Loiseau°, R. J. Harrigan, A. J. Cornel, S. L. Guers, M. Dodge*, T. Marzec•, J. S. Carlson*, B. Seppi and **R. Sehgal**. 2012. First evidence and predictions of Plasmodium transmission in Alaskan bird populations. PloS One. 7:e44729.

62. C. Loiseau°, R. J. Harrigan, A. Robert, R. C. K. Bowie, A. Thomassen, T. B. Smith and **R. Sehgal**. 2012. Host and habitat specialization of avian malaria in Africa. Molecular Ecology. 21: 431-441

63. G. Valkiūnas, T.A. Iezhova, J. S. Carlson* and **R. Sehgal**. 2011. Two new *Trypanosoma* species from African birds, with notes on taxonomy of avian trypanosomes. Journal of Parasitology. 97: 924-930.

64. S. Yanga, J. Martinez-Gomez, **R. Sehgal**, P. Escalante-Pliego, F. C. Camacho, D. A. Bell. 2011. A preliminary survey for avian pathogens of Columbiformes on Socorro Island, Mexico. Pacific Conservation Biology. 17: 11-21

65. A. Marzal, R. E. Ricklefs, G. Valkiūnas, T. Albayrak, E. Arriero, C. Bonneaud, G. A. Pzirják, J. Ewen, O. Hellgren, D. Hořáková, T. A. Iezhova, H. Jensen, A. Križanauskienė, M. R. Lima, F. de Lope, E. Magnussen, L. B. Martin, A. P. Møller, V. Palinauskas, P. L. Pap, J. Pérez-Tris, **R. Sehgal**, M. Soler, E. Szöllősi, H. Westerdahl, P. Zetindjiev, S. Bensch. 2011. Diversity, loss and gain of malaria parasites in a globally invasive bird. Plos One. 6 (7): e21905.

66. T. B Smith, H. A. Thomassen, A. H. Freedman, **R. Sehgal**, W. Buermann, S. Saatchi, J. Pollinger, B. Milá, D. Pires, G. Valkiūnas and R. K. Wayne. 2011. Patterns of divergence in the olive sunbird (*Cyanomitra olivacea*) across the African rainforest-savanna ecotone. Biological Journal of the Linnean Society. 103: 825-835.

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69. K. Y. Njabo, A. J. Cornel, C. Bonneaud, E. Toffelmier, **R. Sehgal**, G. Valkiūnas, A. F. Russell and T. B. Smith. 2011. Nonspecific patterns of vector, host and avian malaria parasite associations in a central African rainforest. Molecular Ecology. 20: 1049-1061.

70. **R. Sehgal**, W. Buermann, R. Harrigan, C. Bonneaud, C. Loiseau°, A. Chasar*, G. Valkiūnas, T Iezhova, I Sepil, S. Saatchi, and T. B. Smith. 2011. Spatially explicit predictions of blood parasites in a widely distributed African rainforest bird. Proceedings of the Royal Society of London Series B. 278: 1025-1033.

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72. **R. Sehgal.** 2010. Deforestation and avian infectious diseases. Journal of Experimental Biology. 213: 955-960.

73. C. Loiseau°, T. Iezhova, G. Valkiūnas, A. Chasar*, A. Hutchinson•, W. Buermann, T. B. Smith and **R. Sehgal**. 2010. Spatial variation of haemosporidian parasite infection in African rainforest bird species. Journal of Parasitology. 96: 21-29.

74. G. Valkiūnas, **R. Sehgal**, T. A. Iezhova, and A. C. Hull. 2010. Identification of *Leucocytozoon toddi* group (Haemosporida, Leucocytozoidae), with remarks on the species taxonomy of leucocytozoids. Journal of Parasitology. 96:170-177.

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77. K. Y. Njabo, A. J. Cornel, **R. Sehgal**, C. Loiseau°, W. Buermann, R. Harrigan, J. Pollinger, G. Valkiūnas and T.B. Smith. 2009. *Coquillettidia* (Culicidae, Diptera) mosquitoes are natural vectors of avian malaria in Africa. Malaria Journal. 8: 193.

78. G. Valkiūnas, T. A. Iezhova, C. Loiseau° and **R. Sehgal.** 2009. Nested Cytochrome *b* polymerase chain reaction diagnostics detect sporozoites of Hemosporidian parasites in peripheral blood of naturally infected birds. Journal of Parasitology. 95: 1512-1515.

79. Bonneaud, C., I. Sepil, B. Milá, W. Buermann, J. Pollinger, **R. Sehgal**, G. Valkiūnas, T. Iezhova, S. Saatchi and T. B. Smith. 2009. The prevalence of avian *Plasmodium* is higher in undisturbed tropical forests of Cameroon. Journal of Tropical Ecology. 25: 439-447.

80. G. Valkiūnas, T. A. Iezhova, C. Loiseau°, T. B. Smith and **R. Sehgal**. 2009. New malaria parasites of the subgenus *Novyella* in African rainforest birds, with remarks on their high prevalence classification and diagnostics. Parasitology Research. 104:1061-1077.

81. G. Valkiūnas, T. A. Iezhova, C. Loiseau°, A. Chasar*, T. B. Smith and **R. Sehgal**. 2008. New species of haemosporidian parasites (Haemosporida) from African rainforest birds, with remarks on their classification. Parasitology Research. 103(5): 1213-28.

82. G. Valkiūnas , T. A. Iezhova, A. Krizanauskiene, V. Palinauskas, **R. Sehgal**, S. Bensch. 2008. A comparative analysis of microscopy and PCR-based detection methods for blood parasites. Journal of Parasitology. 94: 1395-1401.

83. H. D. Ishak*, J. P. Dumbacher, N. L. Anderson, J. J. Keane, G. Valkiūnas, S. M. Haig, L. A. Tell and **R. Sehgal**. 2008. Blood parasites in owls with conservation implications for the Spotted Owl (*Strix occidentalis*). PLoS One. 3(5): e2304.

84. G. Valkiūnas, C. T. Atkinson, S. Bensch, **R. Sehgal** and R. E. Ricklefs. 2008. Parasite misidentifications in GenBank: how to minimize their number? Trends in Parasitology. 24(6): 247-248.

85. L. M. E. Svensson•, K. C. Ruegg, C. H. Sekercioglu, and **R. Sehgal**. 2007. Widespread and structured distributions of blood parasite haplotypes across a migratory divide of the Swainson's thrush (Catharus ustulatus). Journal of Parasitology. 93(6): 1488-1495.

86. **R. Sehgal,** G. Valkiūnas, T. A. Iezhova and T. B. Smith. 2006. Blood parasites of chickens in Uganda and Cameroon with molecular descriptions of *Leucocytozoon schoutedeni* and *Trypanosoma gallinarum.* Journal of Parasitology. 92(6): 1336-1343.

87. J. Masello, R. Gustavo Choconi, **R. Sehgal**, L. A. Tell and P Quillfeldt. 2006. Blood and intestinal parasites in wild Psittaciformes: A case study of Burrowing parrots (*Cyanoliseus patagonus*). Ornotología Neotropical. 17: 515-529.

88. **R. Sehgal,** A. C. Hull, N. Anderson, G. Valkiūnas, M. J. Markovets, S. Kawamura• and L. A. Tell. 2006. Evidence for cryptic speciation of *Leucocytozoon* spp. (Haemosporida, Leucocytozoidae) in diurnal raptors. Journal of Parasitology. 92(2): 375-379.

89. **R. Sehgal**, H. I. Jones, and T. B. Smith. 2005. Molecular evidence for host-specificity of parasitic nematode microfilariae in some African rainforest birds. Molecular Ecology. 14: 3977-3988.

90. G. Valkiūnas, **R. Sehgal**, T. A. Iezhova, and T. B. Smith. 2005. Further observations on the blood parasites of birds in Uganda. Journal of Wildlife Diseases. 41(3): 580-587.

91. **R. Sehgal**, H. I. Jones, and T. B. Smith. 2005. Blood parasites of some West African birds. Journal of Veterinary Medical Sciences. 67(3): 295-301.

92. H. I. Jones, **R. Sehgal** and T. B. Smith. 2005. *Leucocytozoon* (Apicomplexa: Leucocytozoidae) from West African birds, with descriptions of two species. Journal of Parasitology. 91(2): 397-401.

93. **R. Sehgal** and I. J. Lovette. 2003. Molecular evolution of three avian neurotrophin genes: implications for proregion functional constraints. Journal of Molecular Evolution. 57: 335-342.

94. F. A. Richard•, **R. Sehgal**, H. I. Jones, and T. B. Smith. 2002. A comparative analysis of PCR-based detection methods for avian malaria. Journal of Parasitology. 88(4): 819-822.

95. **R. Sehgal**, H. I. Jones, and T. B. Smith. 2001. Host Specificity and incidence of *Trypanosoma* in some African rainforest birds: a molecular approach. Molecular Ecology. 10(9): 2319-2328.

96. **R. Sehgal**, B. Gumbiner, and L. F. Reichardt. 1997. Antagonism of cell adhesion by a mutant of alpha-catenin, and antagonism of the Wnt-Signaling Pathway by alpha-catenin in *Xenopus* embryos. Journal of Cell Biology. 139(4): 1033-1046.

97. T. Svensson, M. Rydén, F. H. Schilling, C. Dominici, **R. Sehgal**, C. F. Ibáñez, and P. Kogner. 1997. Coexpression of mRNA for the full-length neurotrophin receptor trk-C and trk-A in favourable neuroblastoma. European Journal of Cancer. 33(12): 2058-2063.

98. M. Rydén, **R. Sehgal**, C. Dominici, F. H. Schilling, C. F. Ibáñez, and P. Kogner. 1996. Expression of mRNA for the neurotrophin receptor trk-C in neuroblastomas with favourable tumour stage and good prognosis. British Journal of Cancer. 74(5): 773-779.

99. Y. Choi, **R. Sehgal**, P. McCrea, and B. Gumbiner. 1990. A cadherin-like protein in eggs and cleaving embryos of *Xenopus laevis* is expressed in oocytes in response to progesterone. Journal of Cell Biology. 110: 1575-1582.

EDITOR-REVIEWED PUBLICATIONS:

1. M. Ferraguti, C. Hernández-Lara, **R. Sehgal**, and D. Santiago-Alarcon. 2020. Anthropogenic Effects on Avian Haemosporidians and Their Vectors. In Avian Malaria and Related Parasites in the Tropics, pp. 451-485. Springer, Cham.

2. **R. Sehgal**. 2016. Death from Deforestation. ContagionLive.com.

3. **R. Sehgal**. 2016, 2017. Deforestation, Disease and Biodiversity in Cameroon. Huffingtonpost.com.

4. H. Westerdahl, S. Bensch, J. Nilsson, E. O'Connor, **R. Sehgal**, S. Tesson, D. Hasselquist. 2014. Book Chapter: Pathogens and Moving Hosts. Animal Movement Across Scales, Oxford University Press.

5. **R. Sehgal**. 2012. The spread of Diseases in a Changing World. Huffingtonpost.com.

GRANTS:

I have written over 20 extramural grants for research funding during my affiliation with SFSU. Listed are the ones that were funded.

1. **NIH SC3: "**Molecular Genetics of Avian Malaria Viruses". Principal Investigator: Ravinder Sehgal. $471,000 total. May 2022-April 2026.

2. **Flora Foundation:** "Ecology of African Bird Diseases". Principal Investigator: Ravinder Sehgal. $40000 total, November 2024-November 2025.

3. **UC Davis Oiled Wildlife Care Network:** "Assessment of gene responses to parasite infections in oiled Common Murres". Principal Investigator: Ravinder Sehgal. $14,500 total. July 2021-Dec. 2022.

4. **UC Davis Oiled Wildlife Care Network:** "Survey of haemoparasites in seabirds undergoing rehabilitation". Principal Investigator: Ravinder Sehgal. $10,000 total. July 2018-Dec. 2019.

5. **NIH SC3:** "Mechanisms of pathogenicity in avian malaria" Principal Investigator: Ravinder Sehgal. $471,000 total. May. 2017- Feb. 2022.

6. **National Geographic Society:** "Effects of rapid deforestation on the transmission of malaria." Principal Investigator: Ravinder Sehgal. $20,000 total. Feb. 2016-July 2017.

7. **Lithuanian Academy of Sciences:** "Mechanisms of virulence in protozoan parasites" Principal Investigator: Gediminas Valkiūnas. €300,000 to Nature Research Centre, Vilnius, Lithuania.

8. **USAID:** "Using geospatial tools to investigate how deforestation affects the transmission of malaria in birds". Principal Investigator: Damian Anong, University of Buea, Cameroon. $286,000. Ravinder Sehgal wrote the proposal and is co-investigator.

9. **SFSU Faculty Development Award DRC:** "The first genome of an important avian malaria parasite" $6000. 2015.

10. **CSUPERB: "**Genetic mechanisms of host specificity of malaria" $15,000. Sept. 2012-Sept. 2013.

11. **National Geographic Society:** "Global Climate Change and Avian Malaria in Alaska". $18,500 total. Summer of 2012.

12. **NIH SC2:** "Malaria erythrocyte binding-like genes & host specificity in a natural population" Principal Investigator: Ravinder Sehgal. $460,500 total, $300,000 in direct costs. Oct. 2009-August 2013.

13. **SFSU mini-grant, 2008**: "Avian malaria in migrating California hawks" $5000.

14. **NIH-NSF Ecology of Infectious Diseases Program**: "Effects of deforestation on the prevalence of blood-borne pathogens in African rainforest birds."
Principal Investigators: Thomas B. Smith and Ravinder Sehgal. Funded $1,741,000. SFSU portion: $768,125 total, $345,646 in direct costs. Sept. 2004-Aug. 2009.

15. **NATO Cooperative Linkage Grant:** "Epizootiology of avian hematozoa; linking genetic and traditional parasitology data".
Principal Investigators: Ravinder Sehgal and Gediminas Valkiūnas.

Funded $22,000. 2002-2004.

15. Professors of the Future Postdoctoral Career Development Program Recipient: "Using habitat structure and stability to predict the incidence of infectious diseases in African rainforest birds". 2001-2004.

16. Research in Minority Institutions (RIMI) Postdoctoral Award Recipient: 1999-2001.

ORAL PRESENTATIONS SINCE 2012:

Invited presentations

- Tata Institute for Genetics and Society, Bangalore, India, Jan. 2025.
- Teacher, Wimanet Avian Malaria Course, Mohelno, Czechia, Sept. 2024.
- PhD Opponent and speaker, Lund University, October. 2023.
- Invited speaker, Universiy of Kisangani, DRC, July. 2023.
- Guest Professor, University of Brasilia, Brazil, March 2023.
- Invited speaker, University of Imphal, Manipur, India, Jan. 2023
- Guest Professor, Uppsala University, April, 2022.
- Guest Professor, University of Brasilia, Brasilia, Brazil, November 2019.
- Guest Professor, University of Buea, Cameroon, July 2018 and July 2019.
- Plenary speaker, Haemosporidians of Wildlife meeting, Beijing, China, November 2018.
- UC Berkeley, Museum of Vertebrate Zoology, April 2018.
- Northern California Parasitology meeting, UCSF, February, 2018.
- Guest Professor University of Buea, Cameroon. July 2017.
- Guest Professor, Nov. 2016. Nihon University, Kanegawa, Japan.
- Plenary speaker, Haemosporidians of Wildlife meeting. Sept. 2016, Bulgaria
- Guest Professor University of Buea, Cameroon. January. 2016.
- University of San Francisco, San Francisco, CA. Dec. 2015.
- National Research and Conservation Training Center, Shepherdstown, WV. Oct. 2015.
- San Francisco State University, San Francisco, CA. Sept. 2015
- National University of Bogota, Colombia, Dec. 2014.
- Plenary Speaker, 4th Congreso Colombiano de Zoologia, Cartagena, Colombia, Dec. 2014.
- Plenary Speaker, Meeting on Parasitology Research, Universidade Federal de Minas Gerais, Brazil, Nov. 2014
- University of Cape Town, South Africa, June 2014.
- Plenary Speaker, Annual Meeting of the Brazilian Society of Protozoology, Caxambu, Brazil, Sept. 2013.
- Bay Area Malaria Meeting, Emeryville, Sept. 2013
- University of Missouri, St. Louis, MO, August, 2012.
- Coldfoot Visitor Center, Coldfoot, Alaska, July, 2012
- Universidad Nacional de la Amazonia Peruana, Iquitos, Peru, June 2012
- Universidad Nacional de San Martin, Tarapoto, Peru, June 2012
- Universidad Ricardo Palma, Lima, Peru, June 2012
- Boğaziçi University, Istanbul, Turkey, May, 2012
- Lund University, Lund, Sweden, April, 2012
- University of Utah, Dept. of Biology, Feb 9th, 2012.

Oral Presentations at meetings

- 6th International Conference on Malaria and Haemosporidians, Medellin, Colombia, Oct. 2024.
- Ecology and Evolution of Infectious Diseases (EEID), Stanford U. June, 2024.
- 5th International Conference on Malaria and Haemosporidians, Bielefeld Germany, Sept. 2022.
- European Multicolloquium of Parasitology, Belgrade, Serbia, October 2021
- American Society of Tropical Medicine and Hygiene, Washington DC, November 2019.

- Bay Area Ecology and Evolution of Disease meeting, Stanford, March 2019.
- Impacts of Environmental Change on Infectious Diseases, Sitges, Spain, March 2015.
- American Ornithology Union meeting, Estes Park, CO, Sept. 2014.
- ICOPA Parasitology meeting, Mexico City, August 2014.
- American Society of Parasitologists annual meeting, New Orleans, LA, July. 2014.
- Meeting on malaria and related haemosporidians in wildlife, Vilnius, Lithuania, Aug. 2013.
- American Society for Parasitology, Quebec City, June 2013.

TEACHING EFFECTIVENESS:

Summary of All Teaching (S-Spring, F-Fall)

- BIOL 230 "Introductory Biology" F22
- BIOL 240 "Introductory Biology" S16, F18, S20, F20, F24
- BIOL 453 "General Parasitology" F09, S08, S09, F10, F11, F12, F13, F15, F16, F17, F19, F23
- BIOL 454 "Parasitology Laboratory" F09, S09, F10, F11, F12, F13, F15, F16, F17, F19, F23
- BIOL 863 "Impact of Environmental Change on Infectious Diseases" F15 and F16
- BIOL 425 "Emerging Infectious Diseases" F08, S10, S11, S13, S14, S18, S19, S21, S23, S24, S25.
- BIOL 871 "Colloquium in Microbiology and Molecular Biology" S09
- BIOL 864 "Recent Developments in Microbiology" F07
- BIOL 318 "Our Endangered Planet" F07
- BIOL 478 "Ornithology" S06
- BIOL 380 "Comparative Embryology" S02 and S03
- High School Teacher, Stockholm, Sweden, 1997-1998. Subjects: English, German, and Music.
- Graduate Teaching Assistant at UCSF for Pharmacy Students, 1989.

RESEARCH STUDENTS while at SFSU:
I currently have 4 Master's and 5 undergraduate students working in my laboratory. Since my appointment as an Assistant Professor at SFSU, I have graduated 19 Master's students

Claire Loiseau, PhD	08-12	Postdoctoral Fellow studying ecology of avian disease.
Melanie Tchoumbou	15-21	PhD Student at University of Dschang, Cameroon
Malange Fedo	15-21	PhD Student at University of Buea, Cameroon
Audrey Mayi	15-21	PhD Student at University of Dschang, Cameroon
David Foncha	15-24	PhD Student at University of Buea, Cameroon
Smith Asaah Forchu	15-18	PhD Student at University of Buea, Cameroon
Kowo Cyril	15-24	PhD Student at University of Buea, Cameroon
Thais Fernandes	24-25	PhD Student at University of Brasilia, Brazil. r
Prathmesh Bhagwat	24-now	Master's Student on molecular biology of avian blood parasites.
Lilly Raphaelian	24-now	Master's Student on Matryoshka virus cellular localization.
Pinkal Tandel	24-now	Master's Student on viremia in Matryoshka viruses.
Antonio Cecilio	23-now	Master's Student on avian immune responses to blood parasites.
Aileen Lopez	22-25	Master's Student on Malaria parasites of flocking birds of Peru.
Caroline Faircloth	22-24	Master's Student on Immune responses of Owls to blood parasites.
Carlos Esperanza	22-24	Master's Student on Matryoshka viruses in California birds.
Rachel Quock	20-now	Master's Student on Babesia in seabirds.
Jose Roberto Rodriguez	20-now	Master's Student on transcriptomes of avian viruses.
Claire Regine Tabe	15-now	Master's Student at University of Buea, Cameroon
Esack Fonda	15-now	Master's Student at University of Buea, Cameroon
Aoife Galvin	19-21	Master's Student on Hummingbird Pox virus
Faith De Amaral	19-now	Master's Student on Avian malaria in Alaska
Amir Jaberi	19-20	Master's Student on Avian malaria genomes
Wilmer Amaya-Mejia	18-20	Master's Student on Ecoimmunology
Rama Sarvani	16-17	Visiting graduate student from India.
Hanna Baek	17-20	Master's Student on Hummingbird parasites.

Tierra Groff	16-18	Master's Student on Woodpecker parasites.	
Joleen Tseng	16-17	Master's Student on White-crowned sparrow songs	
Joshua Weinberg	15-17	Master's Student on transcriptomics of pathogenic malaria	
Mark Russell	15-now	Master's Student on Peruvian avian blood parasites	
Jasper Toscani Field	15-17	Master's Student on Alaskan avian blood parasites	
Andrew Bradshaw	15-now	Master's Student on Eagle malaria	
Dena Emmerson	13-15	Master's Student on White-crowned sparrow songs	
David Freund	13-15	Master's Student on malaria in crows.	
Bradley Bowser	13-16	Master's Student on malaria genomics	
Allison Nelson	12-15	Master's Student on Hermit thrush connectivity	
Elvin Lauron	12-14	Master's Student on host parasite co-speciation	
Erika Walther	11-14	Master's Student on parasites of California birds.	
Laura Wilkinson	11-13	Master's Student on global climate change in Alaska.	
Khouanchy Oakgrove	11-13	Master's Student on transcriptomes of avian malaria.	
Criseyda Martinez	09-11	Master's Student on host specificity in malaria.	
Molly Dodge	09-11	Master's Student on parasites of African birds.	
Jenny Carlson	08-10	Master's Student on parasites of Socorro Island at SFSU	
Holly Archer	08-11	Master's Student on Costa Rican avian diseases at SFSU	
Mark Jasper	07-09	Master's Student on California Raptors at SFSU	
Dennis Anye Ndeh	08	Visiting Master's student from Cameroon	
Tony Chasar	06-09	Master's Student on African bird diseases at SFSU	
Heather Lannie	05-07	Master's Student on California Raptors at SFSU	
Alexandra Hilliard	10	Undergraduate REU student	
Autumn Mullins	21-now	Undergraduate-SFSU	Trypanosomes of hummingbirds
Ella Eleopoulos	19-21	Undergraduate-SFSU	Malaria in SF birds
Nikki Banifatemi	19-21	Undergraduate-SFSU	Malaria in SF birds
Samuel Holland	19-21	Undergraduate-SFSU	Malaria in SF birds
Tyrine Bailey	18-21	Undergraduate-SFSU	Malaria in SF birds
Gracie Bruno	18-21	Undergraduate-SFSU	Malaria in SF birds
Paul Whiteman	16-18	Undergraduate-SFSU	Malaria of Alaska birds.
Gina Phanthavong	15-16	Undergraduate-SFSU	Malaria of South American birds
Jenny del Rosario	15-16	Undergraduate-SFSU	Malaria of South American birds
Vincent Gloria	15-16	Undergraduate-SFSU	Malaria of South American birds
Brett Morris	13-16	Undergraduate-SFSU	Malaria of PNG birds
Jasper Field	13-15	Undergraduate-SFSU	Malaria in Hawks
Anam Siddiqui	13-15	Undergraduate-SFSU	Malaria transcriptome
Antonia Zhang	13-14	Undergraduate-SFSU	Hermit Thrush parasites
Tim Marzec	10-12	Undergraduate-SFSU	Kingfisher parasites
Liezl Madrona	10-12	Undergraduate-SFSU	California birds
Edward Evans	10-13	Undergraduate-SFSU	Papua New Guinea birds
Ashley Green	09-10	Undergraduate-SFSU	California hummingbirds
Joy Dionisio	09-10	Undergraduate-SFSU	Birds of Costa Rica
Trevor C. Rodriguez	09-10	Undergraduate-SFSU	African blood parasites
Steve Lee	08-09	Undergraduate –SFSU	Parasites in SF Zoo penguins
Anna Hutchinson	06-08	Undergraduate -SFSU	Parasites in California owls
Charlene Pinto	07-09	Undergraduate –SFSU	Parasites in African Chickens
Maria Svensson	05-07	Undergraduate-UC Berkeley	Parasites of Swainson's Thush
Shiho Kawamura	04-06	Undergraduate -SFSU	*Leucocytozoon* in Raptors
Dawn LoBaugh	04-05	Undergraduate -SFSU	Technical support
Forest Soriano	03-04	Undergraduate -SFSU	*Haemoproteus* in African birds
Allison Lee	04-04	Undergraduate -SFSU	*Haemoproteus* in Raptors
Molly Sternberg	02-03	Undergraduate -SFSU	*Plasmodium* in genus *Nectarinia*
Jacklyn Taal	02-03	Undergraduate -SFSU	Technical support
F. Alex Richard	00-02	Undergraduate -SFSU	PCR methodologies

<u>As member of Thesis Committees</u>

- Grace Oram, SFSU
- Yuri Mahmoud, SFSU
- Sam Sandoval, SFSU

- Max Levi Taus, SFSU
- Maxwell Newton, SFSU
- Timara Vereen, SFSU
- Grace Shaw, SFSU
- Jacoby Clark, SFSU
- Vincent Mai, SFSU
- Marie Lilly, SFSU
- Arielle Crews, SFSU
- Meso Okoye, SFSU
- Kacie Ring, SFSU
- Puneet Sanghera, SFSU
- Jordan Soloman, SFSU
- Samantha Sambado, SFSU
- Celeste Dodge, SFSU
- Gabriela Rios-Sotelo, SFSU
- Carla Sette, SFSU
- Tina Cheng, SFSU
- David Lake, SFSU
- Shiho Kawamura, SFSU
- Damien Whitfield, SFSU
- Tricia Goulding, SFSU
- Ami Antani, SFSU
- Shruti Manoj Kumar, SFSU
- Dovilė Bukauskaitė, PhD Committee, University of Vilnius, Lithuania
- Constance Agbemelo-Tsomafo, University of Ghana
- Sharon Okanga, University of Cape Town, South Africa
- Rukmali Wimalarathne, Peradeniya University, Sri Lanka
- Diego Santiago Alarcón, PhD Committee, University of Missouri, St. Louis
- Maria Svensson, PhD Committee, University of Missouri, St. Louis
- Rita Žiegytė, PhD Committee, University of Vilnius, Lituania
- Asta Križanauskienė, PhD Committee, University of Vilnius, Lithuania

CONTRIBUTIONS TO SFSU CAMPUS AND COMMUNITY:

Service to the Profession since 2012:

2010-2018 Core Member: Research Coordination Network: For Haemosporida of Terrestrial Vertebrates: a model parasite-host system. Funded by the NSF 2010-2015.

- This is a RCN grant that allows for annual meetings, student training and research.
- Helped teach the "International workshop on malaria and related haemosporidians in wildlife", WV, Aug. 2011, Aug. 2012 and Oct. 2015. Helped organize corresponding meetings in Vilnius, Aug. 2013 and in Bulgaria, Sept. 2016.
- Organized and taught Workshop on Molecular Ecology of Malaria in Wildlife in Peru, 2012 and 2013, and in Cameroon, 2014.

2008-2013 President: Northern California Parasitologists.

- Organized the Winter meetings 2008, 2010 and 2015 at SFSU
- Organized the Winter meetings 2009, 2011 and 2012 UC Berkeley
- Organized the Spring meetings in 2008, 2009 and 2010 at the Marconi Conference Center in Marshall, California. Organized the Spring meeting in 2011and Fall meeting 2012 at the SFSU Romberg Tiburon Center

2007-present Member of the Scientific Board: Island Endemics Foundation.

- Involves several meetings each year.
- Attended the Islands of Mexico meeting in Ensenada, Mexico, July, 2009.

2015-present Associate Editor of the journal International Journal for Parasitology: Parasites and Wildlife

2005-present Member of the Editorial Board of the journal Ekologija.

I have reviewed >80 manuscripts/proposals for journals/granting agencies since 2012.

Journals include: *Science*, *Parasitology*, *PNAS*, *PLosONe*, *Raptor Research*, *International Journal of Parasitology*, *J. Parasitology*, *J. Zoology*, *Canadian J. Zoology*, *Molecular Ecology*, *Oikos* and *Parasitology Research.*

Granting agencies include: NSF, NIH, National Geographic Society, Czech Science Foundation, Lithuanian Academy of Sciences, Qatar Research Foundation.

Service to the University:

- Member of All-University Committee of International Programs (AUCIP), 2016-2021
- Member of Friends of the Library Committee, 2019-present
- Faculty Advisor, Globe Med Student Society, 2016-present
- Faculty Advisor, SFSU Wildlife Society, 2013-present
- Faculty Advisor, SFSU Pre-Veterinary Society, 2009-present

Service to the Department of Biology:

- Hiring Committee, Cohort Search for Ecologist, 2023.
- Chair, Chair Selection Committee, Dept. of Biology, 2023.
- Hiring Committee: Virologist Position, 2018-2019
- Chair, Development Committee, Dept. of Biology, SFSU 2010-2018
- Organized the Friends of Biology Open House, 11. April 2013, and April 2016.
- Member of Search Committee for Cell and Molecular Biology Faculty Candidate. Fall 2013.
- Chair, Hiring Committee, Global Health Ecologist Faculty Position, Fall 2011.
- Sponsor for 1-month visiting professors, Dr. Valkiūnas in 2008, Dr. Juan Martinez, 2011, Dr. Tatjana Iezhova, 2015.
- Advisor for General Biology
- I have written letters of recommendation for over 200 SFSU students since 2012.

Service to the Community:

- Co-chair of the California Hub for National Geographic Explorers since 2019
- Co-founder and Technical Adviser for Partners for Sustainable Development in Cameroon. www.pasdev.org
- Ongoing work with students at the Universities of Buea and Dschang in Cameroon.
- Lecturer for Osher Lifelong Learning Institute, 2021
- Lectures at the Golden Gate Audubon Society and Cal. Acad. of Science.

LANGUAGES:

Swedish, Lithuanian, German Spanish; Reading ability in French

OTHER ACTIVITIES

- Tenured Bassoonist with the Berkeley Symphony, under the direction of Joseph Young.
- Vice President of Board of SF Vegan Society.