



## GRANTS, FELLOWSHIPS AND HONORS

---

### GRANTS

- 2016-2021 National Science Foundation Faculty Early Career Development Program, Division of Integrative and Organismal Systems (NSF IOS-1552610; \$850,000)
- 2012-2015 National Science Foundation Postdoctoral Research Fellowship in Biology, Competitive Area 2 (Intersections of Biology and Mathematical and Physical Sciences) for work on computational biogeography (NSF IOS-1202751; \$189,000)

### FELLOWSHIPS

- 2013 National Geographic Society grant for exploratory fieldwork in the Philippines
- 2011 Research exchange grant, Evo-Devo-Eco Network (EDEN), for work on developmental techniques in arachnids (NSF IOS-0955517)
- 2011 Student grant for attending the 3<sup>rd</sup> Latin-American Congress of Arachnology
- 2011 Deakin-Royce Fellowship for study in Australia, Australian Studies Committee, Harvard University
- 2010 Marie Stopes Travel Award, Willi Hennig Society
- 2009 Putnam Expedition Grant, Museum of Comparative Zoology, Harvard University
- 2008 Marie Stopes Travel Award, Willi Hennig Society
- 2008 Putnam Expedition Grant, Museum of Comparative Zoology, Harvard University
- 2008 National Science Foundation Graduate Research Fellowship, honorable mention
- 2006 Exploration Fund Award, Explorers Club
- 2006 Goelet Award Fund, Harvard University
- 2006 Deutscher Akademischer Austausch Dienst Hochschulsommerkurs program for language study in Germany

### HONORS AND AWARDS

- 2014 Plenary speaker at the 4<sup>th</sup> Congreso Latinoamericano de Aracnología, Morelia, México (given in Spanish) [July 21, 2014]
- 2013 Invited speaker at the 9<sup>th</sup> Annual University of Michigan Early Career Scientists Symposium [March 16, 2013]
- 2012 Harvard University Certificate of Teaching Excellence [Fall 2011 semester]
- 2012 2<sup>nd</sup> place prize for student presentation, Division of Phylogenetic and Comparative Biology, Annual Meeting of the Society for Integrative and Comparative Biology
- 2010 Harvard University Certificate of Teaching Excellence [Spring 2010 semester]
- 2010 2<sup>nd</sup> place prize for student presentation, 18<sup>th</sup> International Congress of Arachnology
- 2010 Willi Hennig Award (1<sup>st</sup> place student presentation), Willi Hennig Society
- 2008 Lars Brundin Award (2<sup>nd</sup> place student presentation), Willi Hennig Society
- 2006 Phi Beta Kappa, Alpha Iota chapter [inducted June 2006]

## PUBLICATIONS

---

### PEER-REVIEWED

63. Gainett, G., **Sharma, P.P.**, Giribet, G., Willemart, R.H. (submitted) Putative adhesive setae on the walking legs of the Australian harvestman *Metibalonius* sp. (Arachnida: Opiliones: Podoctidae).
62. Lewis, S.H., Quarles, K.A., Yang, Y., Tanguy, M., Frézal, L., Smith, S., **Sharma, P.**, Cordaux, R., Gilbert, C., Giraud, I., Collins, D.H., Zamore, P.D., Miska, E.A., Sarkies, P., Jiggins, F.M. (in revision) Panarthropod evolutionary analysis identifies somatic piRNAs as an ancestral TE defence module.
61. Daniels, S.R., Dreyer, M. & **Sharma, P.P.** (in press) Contrasting the population genetic structure of two velvet worm taxa (Onychophora: Peripatopsidae: *Peripatopsis*) in forest fragments along the southeastern Cape, South Africa. *Invertebrate Systematics*.
60. †Setton, E.V.W.S. & **Sharma, P.P.** (in revision) A conserved regulatory cassette specifies leg fate in the common ancestor of Arthropoda.
59. Di, Z., Edgecombe, G.D., **Sharma, P.P.** (submitted) Homeosis in a scorpion supports a telopodal origin of pectines and book lungs.
58. **Sharma, P.P.** (2017) Chelicerates and the conquest of land: A view of arachnid origins through an evodevo spyglass. *Integrative and Comparative Biology* (doi:10.1093/icb/ix078).
57. \*Schwager, E.E., \***Sharma, P.P.**, \*Clarke T., \*Wierschin, T., \*Posnien, N., ... & McGregor, A.P. (2017) The genome of the common house spider *Parasteatoda tepidariorum*: Evidence for pervasive gene duplication and divergence during chelicerate evolution. (\*five equal author contributions; 52 total authors). *BMC Biology* 15:62.
56. **Sharma P.P.**, Oberski, J.T., †Santiago, M.A., Ricardo Kriebel, †Savana M. Lipps, Buenavente, P.A.C., Diesmos, A.C., Janda, M., Boyer, S.L., Clouse, R.M. & Wheeler, W.C. (2017) There is no evidence that Podoctidae carry eggs of their own species: Reply to Machado and Wolff (2017). *Molecular Phylogenetics and Evolution* (doi: 10.1016/j.ympev.2017.03.026)
55. Santibañez-López, C., Kriebel, R., **Sharma, P.P.** (2017) *eadem figura manet*: Measuring morphological convergence in diplocentrid scorpions (Arachnida: Scorpiones: Diplocentridae) under a multilocus phylogenetic framework. *Invertebrate Systematics* 31:233–248.
54. Fernández, R., **Sharma, P.P.**, Tourinho, A.L.M., & Giribet, G. (2017) The Opiliones Tree of Life: shedding light on harvestmen relationships through transcriptomics. *Proceedings of the Royal Society of London B: Biological Sciences* 284: 20162340.
53. †Setton, E.V.W., Cho, H., †Nolan, E.D., Jones, T.E., Wheeler, W.C., Extavour, C.G. & **Sharma, P.P.** (2017) Expression and function of *spineless* orthologs correlate with distal deutocerebral appendage morphology in Arthropoda. *Developmental Biology* (doi: 10.1016/j.ydbio.2017.07.016).
52. Clouse, R.M., Branstetter, M.G., Buenavente, P.A.C., Crowley, L.M., Czekanski-Moir, J., General, D.E.M., Giribet, G., Harvey, M.S., Janies, D.A., Mohagan, A.B., **Sharma, P.P.** & Wheeler, W.C. (in press) First molecular phylogeny of two arachnid orders (Schizomida and Uropygi) supports a tropical Pangean origin and mid-Cretaceous diversification. *Journal of Biogeography* (doi: 10.1111/jbi.13076).

51. **Sharma, P.P.**, Baker, C.M., Cosgrove, J.G., †Johnson, J.E., †Oberski, J.T., Raven, R.J., Harvey, M.S. & Boyer, S.L. (in revision) Testing the phylogenomic position and age of the temperate Gondwanan family Bothriuridae in the scorpion tree of life. ***Molecular Phylogenetics and Evolution***.
50. **Sharma P.P.**, †Santiago, M.A., Ricardo Kriebel, †Savana M. Lipps, Buenavente, P.A.C., Diesmos, A.C., Janda, M., Boyer, S.L., Clouse, R.M. & Wheeler, W.C. (2017) A multilocus phylogeny of Podoctidae (Arachnida, Opiliones, Laniatores) reveals the disutility of subfamily nomenclature in armored harvestman systematics. ***Molecular Phylogenetics and Evolution*** 106: 164–173.
49. Iyer, H., Issigonis, M., **Sharma, P.P.**, Extavour, C.G. & Newmark, P.A. (2016) A novel pre-meiotic function for *boule* in the planarian *Schmidtea mediterranea*. ***Proceedings of the National Academy of Sciences of the USA*** 113: E3509–E3518.
48. †Jay, K.R., Popkin-Hall, Z.R., †Coblens, M.J., †Oberski, J.T., **Sharma, P.P.** & Boyer, S.L. (2016) New species of *Austropurcellia*, cryptic short-range endemic mite harvestmen (Arachnida, Opiliones, Cyphophthalmi) from Australia's Wet Tropics biodiversity hotspot. ***Zookeys*** 586: 37–53.
47. **Sharma, P.P.**, Clouse, R.M. & Wheeler, W.C. (2016) Hennig's semaphoront concept and the use of ontogenetic stages in phylogenetic reconstruction. ***Cladistics***. doi: 10.1111/cla.12156
46. Daniels, S.R., Kunaka, C., Klaus, S. & **Sharma, P.P.** (2016) Spectacular cryptic diversity in a widespread ancient panarthropod (Onychophora: Peripatopsidae: *Opisthopatus cinctipes*) reveals the intricacies of delineating species boundaries. ***Cladistics*** 32: 506-537. **[Cover article]**
45. Giribet, G., Boyer, S.L., Baker, C.M., Fernández, R., **Sharma P.P.**, de Bivort, B.L., Daniels, S.R., Harvey, M.S., Neethling, J.A. & Griswold, C.E. (2016) A molecular phylogeny of the temperate Gondwanan family Pettalidae (Arachnida, Opiliones, Cyphophthalmi) and the limits of taxonomic sampling. ***Zoological Journal of the Linnean Society*** 178: 523–545.
44. Pérez-González, A., **Sharma, P.P.** & Proud, D.N. (2016). Morphological tricks and blessed genitalia: rectifying the familial placement of *Fijicolana tuberculata* (Opiliones: Laniatores: Zalmoxidae). ***Zootaxa*** 4061: 253–260.
43. Clouse, R.M., **Sharma, P.P.**, †Stuart, J.C., Davis, L.R., Giribet, G., Sarah, S.L. & Wheeler, W.C. (2016) Phylogeography of the harvestman *Metasiro* (Arthropoda, Arachnida, Opiliones) reveals a potential solution to the Pangean paradox. ***Organisms, Diversity and Evolution*** 16: 167–184.
42. **Sharma, P.P.**, †Santiago, M.A., González-Santillán, E., Monod, L. & Wheeler, W.C. (2015) Evidence of duplicated Hox genes in the most recent common ancestor of extant scorpions. ***Evolution & Development*** 17: 347–355.
41. Clouse, R.M., Janda, M., Blanchard, B., **Sharma, P.**, Hoffman, B.D., Andersen, A.N., Czekanski-Moir, J.E., Krushelnycky, P., Rabeling, C., Wilson, E.O., Economo, E.P., Sarnat, E.M., General, D.M., Alpert, G.D. & Wheeler, W.C. (2015) Molecular phylogeny of Indo-Pacific carpenter ants (Hymenoptera: Formicidae: *Camponotus*) reveals waves of dispersal and colonization from diverse source areas. ***Cladistics*** 31: 424–437. **[Cover article]**
40. Schwager, E.E., Schönauer, A., Leite, D.J., **Sharma, P.P.** & McGregor, A.P. (2015) Chelicerata. In: Wanninger, A. (editor) ***Evolutionary Developmental Biology of Invertebrates, Vol. 3: Ecdysozoa I: Non-Tetraconata***. Heidelberg: Springer.

39. **Sharma, P.P.**, Tarazona, O.A., Lopez, D.H., Schwager, E.E., Cohn, M.J., Wheeler, W.C. & Extavour, C.G. (2015) A conserved genetic mechanism specifies deutocerebral appendage identity in insects and arachnids. *Proceedings of the Royal Society of London B: Biological Sciences* 282: 20150698.
38. **Sharma, P.P.**, Fernández, R., Esposito, L., González-Santillán, E. & Monod, L. (2015). Phylogenomic resolution of scorpions reveals multilevel discordance with morphological phylogenetic signal. *Proceedings of the Royal Society of London B: Biological Sciences* 282: 20142953.
37. Giribet, G. & **Sharma, P.P.** (2015) Evolutionary biology of harvestmen (Arachnida, Opiliones). *Annual Reviews of Entomology* 60: 157–175.
36. **Sharma, P.P.**, Kaluziak, S.T., Pérez-Porro, A.R., González, V.L., Hormiga, G., Wheeler, W.C. & Giribet, G. (2014) Phylogenomic interrogation of Arachnida reveals systemic conflicts in phylogenetic signal. *Molecular Biology and Evolution* 31:2963–2984.
35. **Sharma, P.P.** & Wheeler, W.C. (2014) Cross-bracing uncalibrated nodes in molecular dating improves congruence of fossil and molecular age estimates. *Frontiers in Zoology* 11:57.
34. **Sharma, P.P.**, Schwager, E.E., Extavour, C.G. & Wheeler, W.C. (2014) Hox gene duplications correlate with posterior heteronomy in scorpions. *Proceedings of the Royal Society of London B: Biological Sciences* 281:20140661.
33. **Sharma, P.P.** & Giribet, G. (2014) A revised, dated phylogeny of the arachnid order Opiliones. *Frontiers in Genetics* 5: 255.
32. Fernández, R., Vahtera, V., Laumer, C.E., Libro, S., Kaluziak, S.T., **Sharma, P.P.**, Pérez-Porro, A.R., Edgecombe, G.D. & Giribet, G. (2014) Evaluating topological conflict in centipede phylogeny using transcriptomic data sets. *Molecular Biology and Evolution* 31: 1500–1513.
31. \*Garwood, R., \***Sharma, P.P.**, Dunlop, J.A. & Giribet, G. (2014) A Paleozoic Stem Group to Mite Harvestmen Revealed through Integration of Phylogenetics and Development. *Current Biology* 24: 1017–1023. (\*equal author contribution)
30. Bieler, R., Mikkelsen, P.M., Collins, T.M., Glover, E.A., González, V.L., Graf, D.L., Harper, E.M., Healy, J., Kawauchi, G.Y., **Sharma, P.P.**, Staubach, S., Strong, E.E., Taylor, J.D., Temkin, I., Zardus, J.D., Clark, S., Guzmán, A., McIntyre, E., Sharp, P. & Giribet, G. (2014) Investigating the Bivalve Tree of Life—an exemplar-based approach combining molecular and novel morphological characters. *Invertebrate Systematics* 28: 32–115. [Cover article]
29. **Sharma, P.P.**, Gupta, T., Schwager, E.E., Wheeler, W.C. & Extavour, C.G. (2014) Subdivision of arthropod *cap-n-collar* expression domains is restricted to Mandibulata. *EvoDevo* 5: 3.
28. †Gainett, G., **Sharma, P.P.**, Pinto-da-Rocha, R., Giribet, G. & Willemart, R.H. (2014) Walk it off: Predictive power of appendicular characters toward inference of higher-level relationships in Laniatores (Arachnida: Opiliones). *Cladistics* 30: 120–138. [Cover article]
27. Riesgo, A., Novo, M., **Sharma, P.P.**, †Peterson, M., Maldonado, M. & Giribet, G. (2014) Inferring the ancestral sexuality and reproductive condition in sponges (Porifera). *Zoologica Scripta* 43: 101–117.

26. **Sharma, P.P.**, Zardus, J.D., Boyle, E.E., González, V.L., Jennings, R.M., McIntyre, E., Wheeler, W.C., Etter, R.J. & Giribet, G. (2013) Into the deep: A phylogenetic approach to the bivalve subclass Protobranchia. *Molecular Phylogenetics and Evolution* 69: 188–204.
25. Clouse, R.M., **Sharma, P.P.**, Giribet, G. & Wheeler, W.C. (2013) Elongation factor-1 $\alpha$ , a putative single-copy nuclear gene, has divergent sets of paralogs in an arachnid. *Molecular Phylogenetics and Evolution* 68: 471–481.
24. **Sharma, P.P.** & Wheeler, W.C. (2013) Revenant clades in historical biogeography: the geology of New Zealand predisposes endemic clades to root age shifts. *Journal of Biogeography* 40: 1609–1618.
23. **Sharma, P.P.**, Schwager, E.E., Giribet, G., Jockusch, E.L. & Extavour, C.G. (2013) *Distal-less* and *dachshund* pattern both plesiomorphic and apomorphic structures in chelicerates: RNA interference in the harvestman *Phalangium opilio* (Opiliones). *Evolution and Development* 15: 228–242. [Cover article]
22. Riesgo, A., Andrade, S.C.S., **Sharma, P.P.**, Novo, M., Pérez-Porro, A.R., Vahtera, V., González, V.L., Kawauchi, G.Y. & Giribet, G. (2012) Comparative description of ten transcriptomes of newly sequenced invertebrates and efficiency estimation of genomic sampling in non-model taxa. *Frontiers in Zoology* 9: 33. [Highly accessed]
21. **Sharma, P.P.**, Schwager, E.E., Extavour, C.G. & Giribet, G. (2012) Evolution of the chelicera: a *dachshund* domain is retained in the deutocerebral appendage of Opiliones (Arthropoda, Chelicerata). *Evolution and Development* 14: 522–533. [Recommended by Faculty of 1000]
20. **Sharma, P.P.**, Schwager, E.E., Extavour, C.G. & Giribet, G. (2012) Hox gene expression in the harvestman *Phalangium opilio* reveals divergent patterning of the chelicerate opisthosoma. *Evolution and Development* 14: 450–463.
19. **Sharma, P.P.**, González, V.L., Kawauchi, G.Y., Andrade, S.C.S., Guzmán, A., Collins, T.M., Glover, E.A., Harper, E.M., Healy, J.M., Mikkelsen, P.M., Taylor, J.D., Bieler, R. & Giribet, G. (2012) Phylogenetic analysis of four protein-encoding genes largely corroborates the traditional classification of Bivalvia (Mollusca). *Molecular Phylogenetics and Evolution* 65: 64–74.
18. **Sharma, P.P.** & Giribet, G. (2012) Out of the Neotropics: Late Cretaceous colonization of Australasia by American arthropods. *Proceedings of the Royal Society of London B: Biological Sciences* 279: 3501–3509. [Featured in the *Harvard Gazette*] [Highlighted in *Nature*]
17. **Sharma, P.P.**, Buenavente, P.A.C., Clouse, R.M., Diesmos, A.C. & Giribet, G. (2012) Forgotten gods: Zalmoxidae of the Philippines and Borneo (Opiliones: Laniatores). *Zootaxa* 3280: 29–55.
16. **Sharma, P.P.** (2012) New Australasian Zalmoxidae (Opiliones: Laniatores) and a new case of male polymorphism in Opiliones. *Zootaxa* 3236: 1–35.
15. Kawauchi, G.Y., **Sharma, P.P.** & Giribet, G. (2012) Sipunculan phylogeny based on six genes, with a new classification and the descriptions of two new families. *Zoologica Scripta* 41: 186–210.
14. Giribet, G., **Sharma, P.P.**, Benavides, L.R., Boyer, S.L., Clouse, R.M., de Bivort, B.L., Kawauchi, G.Y., Murienne, J. & Schwendinger, P.J. (2012) Evolutionary and biogeographic history of the

harvestman suborder Cyphophthalmi (Arachnida, Opiliones) – an ancient and global group of arachnids. *Biological Journal of the Linnean Society* 105: 92–130.

13. **Sharma, P.P.**, Prieto, C.E. & Giribet, G. (2011) A new family of Laniatores (Arachnida: Opiliones) from the Afrotropics. *Invertebrate Systematics* 25: 143–154.
12. **Sharma, P.P.** & Giribet, G. (2011) The evolutionary and biogeographic history of the armoured harvestmen—Laniatores phylogeny based on ten molecular markers, with the description of two new families of Opiliones (Arachnida). *Invertebrate Systematics* 25: 106–142. **[Cover article]**
11. **Sharma, P.P.**, Vahtera, V., Kawauchi, G. & Giribet, G. (2011) Running wILD: The case for exploring mixed parameter sets in sensitivity analysis. *Cladistics* 27: 538–549.
10. **Sharma, P.P.**, Kury, A.B. & Giribet G. (2011) The Zalmoxidae (Arachnida: Opiliones: Laniatores) of the Paleotropics: a catalogue of Southeast Asian and Indo-Pacific species. *Zootaxa* 2972: 37–58.
9. Giribet, G., Vogt, L., González, A.P., **Sharma, P.** & Kury, A.B. (2010) A multilocus approach to harvestmen (Arachnida: Opiliones) phylogeny with emphasis on biogeography and the systematics of Laniatores. *Cladistics* 26: 408–437.
8. **Sharma, P.** & Giribet, G. (2009) Sandokanid phylogeny based on eight molecular markers—The evolution of a southeast Asian endemic family of Laniatores (Arachnida, Opiliones). *Molecular Phylogenetics and Evolution* 52: 432–447.
7. **Sharma, P.** & Giribet, G. (2009) A relict in New Caledonia: phylogenetic relationships of the family Troglósironidae (Opiliones: Cyphophthalmi). *Cladistics* 25: 279–294.
6. **Sharma, P.**, Karunarathna, I. & Giribet, G. (2009) On the endemic Sri Lankan genus *Pettalus* (Opiliones, Cyphophthalmi, Pettalidae) with the description of a new species and a discussion on the magnitude of its diversity. *The Journal of Arachnology* 37: 60–67.
5. **Sharma, P.P.** & Giribet, G. (2009) The family Troglósironidae (Opiliones: Cyphophthalmi) of New Caledonia. In: Zoologia Neocaledonica 6, Systematics and Biodiversity in New Caledonia. *Mémoires du Muséum National d'Histoire Naturelle* 196: 83–123.
4. Giribet, G., **Sharma, P.P.** & Bastawade, D. (2007) A new genus and species of Cyphophthalmi (Arachnida, Opiliones) from the north-eastern states of India. *Zoological Journal of the Linnean Society* 151: 663–670.
3. Boyer, S.L., Clouse, R.M., Benavides, L.R., **Sharma, P.**, Schwendinger, P.J., Karunarathna, I. & Giribet, G. (2007) Biogeography of the world: a case study of globally distributed arachnids. *Journal of Biogeography* 34: 2070–2085.
2. **Sharma, P.** & Giribet, G. (2006) A new *Pettalus* species (Opiliones, Cyphophthalmi, Pettalidae) from Sri Lanka with a discussion on the evolution of eyes in Cyphophthalmi. *The Journal of Arachnology* 34: 331–341.
1. **Sharma, P.** & Giribet, G. (2005) A new *Troglósiro* species (Opiliones, Cyphophthalmi, Troglósironidae) from New Caledonia. *Zootaxa* 1053: 47–60.

†Undergraduate co-author.

## PRESENTATIONS

---

### INVITED LECTURES

- 2017 EEOB Department Seminar, Ohio State University, Columbus, OH [September 2017]
- 2017 Biology Seminar Series, Western Australian Museum, Perth, Australia [August 2017]
- 2017 Biology Seminar Series, Department of Ecology, Evolution & Behavior, Hebrew University of Jerusalem, Israel [June 2017]
- 2017 Annual Meeting of the Society of Integrative & Comparative Biology, New Orleans, Louisiana, symposium participant (“The Evolution of Arthropod Body Plans”) [January 2017]
- 2016 Genetics Seminar Series, Department of Genetics, University of Wisconsin-Madison, WI [December 2016]
- 2016 qBio Seminar Series, Systems Biology Cluster, University of Wisconsin-Madison, WI [November 2016]
- 2016 Wisconsin Ecology 20th Annual Fall Symposium, University of Wisconsin-Madison, WI [October 2016]
- 2016 Evolution Seminar Series, J.F. Crow Institute, University of Wisconsin-Madison, WI [April 2016]
- 2016 Entomology Seminar Series, Department of Entomology, University of Wisconsin-Madison, WI [April 2016]
- 2015 Biology Colloquium, University of Wisconsin-Madison, WI [November 2015]
- 2015 Fourth Tuesday scientists group, Madison, WI [September 2015]
- 2015 OEB 141: Biogeography, Harvard University [March 2015]
- 2015 Bioinformatics and Genomics Departmental Seminar Series, University of North Carolina-Charlotte [February 6, 2015]
- 2014 MCZ Lunch Seminar Series, Harvard University [November 2014]
- 2014 Biology Seminar Series, George Washington University [October 2014]
- 2014 4<sup>th</sup> Congreso Latinoamericano de Aracnología, Morelia, México (given in Spanish) [July 21, 2014]
- 2014 University of Santo Tomas, Manila, Philippines [May 2014]
- 2014 Biology Colloquium, University of Wisconsin-Madison, WI [March 2014]
- 2014 AMNH Comparative Biology Seminar, New York, NY [February 2014]
- 2013 Gilder Graduate School, American Museum of Natural History, New York, NY [December 2013]
- 2013 9th Annual University of Michigan Early Career Scientists Symposium, Ann Arbor, MI [March 2013]
- 2013 First International SpiderWeb meeting for the annotation of the *Parasteatoda* genome, Oxford Brookes University, UK [February, 2013]
- 2012 Biology Colloquium, University of Massachusetts at Lowell, MA [October 2012]
- 2012 AMNH Comparative Biology Seminar, New York, NY [October 2012]
- 2012 OEB 141: Biogeography, Harvard University [February 2012]
- 2011 3<sup>rd</sup> Latin-American Congress of Arachnology, Armenia, Colombia [December 2011]
- 2010 Marine Lab, University of Guam [September 2010]
- 2010 Palawan State University, Puerto Princesa, Philippines [August 2010]
- 2010 OEB 141: Biogeography, Harvard University [February 2010]
- 2010 VI Meeting of the Southern Connection Congress, Argentina [February 2010]

### CONFERENCE PRESENTATIONS



- 2016 20<sup>th</sup> International Congress of Arachnology, Golden, CO, USA (one talk)  
 2016 Annual Meeting of the Society of Integrative & Comparative Biology, Portland, Oregon (one talk)  
 2015 Annual Meeting of the Society of Integrative & Comparative Biology, West Palm Beach, Florida (one talk)  
 2014 4<sup>th</sup> Congreso Latinoamericano de Aracnología, Morelia, México (one talk)  
 2013 World Congress of Malacology 2013, Ponta Delgada, Azores, Portugal (one talk)  
 2013 19<sup>th</sup> International Congress of Arachnology, Kenting, Taiwan (three talks)  
 2013 Annual Meeting of the Society of Integrative & Comparative Biology, San Francisco, California (one talk)  
 2012 Annual Meeting of the American Arachnological Society, Green Bay, Wisconsin (one talk)  
 2012 Annual Meeting of the Society of Integrative & Comparative Biology, Charleston, South Carolina (one talk, one poster)  
 2011 3<sup>rd</sup> Latin-American Congress of Arachnology, Armenia, Colombia (three talks)  
 2010 18<sup>th</sup> International Congress of Arachnology, Siedlce, Poland (two talks)  
 2010 XXIX Meeting of the Willi Hennig Society, Honolulu, Hawaii (two talks)  
 2008 XXVII Meeting of the Willi Hennig Society, Tucumán, Argentina (one talk)  
 2007 17<sup>th</sup> International Congress of Arachnology, São Pedro, Brazil (one talk)

## TEACHING AND EDUCATION

---

### *POSTDOCTORAL FELLOWS*

- 2016-present Carlos Eduardo Santibañez-López  
 2016-present Jesus Ballasteros Chávez

### *GRADUATE STUDENTS*

- 2017-present Guilherme Gainett (Zoology Ph.D. program, UW-Madison)  
 2016-present Andrew Ontano (Zoology Ph.D. program, UW-Madison)  
 2016-2017 Holly Cho, M.A. (Cellular and Molecular Biology training program, Masters student, UW-Madison)

### *UNDERGRADUATE AND POST BACCALAUREATE STUDENTS*

- 2017-present Audrey Crawford (undergraduate, UW-Madison)  
 2017-present Calvin So (undergraduate, UW-Madison)  
 2017-present Rachel Smaby (undergraduate, UW-Madison)  
 2016-present Logan March (undergraduate, UW-Madison)  
 2016-present Stephanie Schmidt (undergraduate, UW-Madison)  
 2016-present Erik Nolan (undergraduate thesis writer, Biology major, UW-Madison)  
 2016-present Jill T. Oberski (post-baccalaureate, Macalester College)  
 2016-present A. Kenji Shoemaker (post-baccalaureate, Macalester College)  
 2016 Savana M. Lipps (undergraduate, UW-Madison)  
 2015-present Emily V.W. Setton (undergraduate, UW-Madison)  
 2014-present Marc A. Santiago (post-baccalaureate, Susquehanna University)  
 2013-present Kevaghn Gordon (undergraduate, City University of New York)  
 2012-present Guilherme Gainett (undergraduate, Universidade de São Paulo)  
 2010-2012 Alexander Kim (undergraduate, Harvard University)

## INTRODUCTORY BIOLOGY RESEARCH MENTORING

- 2017 Rachel Smaby (Biology 152 independent research program, UW-Madison)  
2016 Logan March (Biology 152 independent research program, UW-Madison)  
2016 Stephanie Schmidt (Biology 152 independent research program, UW-Madison)  
2016 Alejandra Torres-Diaz (Biology 152 independent research program, UW-Madison)

## OUTREACH

- 2016 Student sponsor for the Pre-college Enrichment Opportunity Program for Learning Excellence (PEOPLE). Student: Danielle Differt.  
2010 Lecture/tour on arthropods and phylogenetics to Harvard Museum of Natural History Volunteers program

## FIELDWORK

---

- 2016 Channel Islands, California (USA)  
2015 Queensland (Australia)  
2014 Queensland (Australia)  
2014 Panay and Luzon (Philippines)  
2014 Khammouane (Laos)  
2013 Kenting (Taiwan)  
2011 Northern Territory and Queensland (Australia)  
2010 Koror and Babeldaob (Palau)  
2010 Chuuk, Pohnpei, and Yap (Federated States of Micronesia)  
2010 Palawan and Luzon (Philippines)  
2010 Florida, Georgia, and South Carolina (USA)  
2008 Efate and Erromango (Vanuatu)  
2008 Viti Levu, Vanua Levu, and Taveuni (Fiji)  
2007 Le Grande Terre and Île des Pins (New Caledonia)

## PROFESSIONAL SERVICE

---

### REFEREE SERVICE

*AMNH Publication Series* (2015-present); *Annals of the Entomological Society of America* (2013-present); *BioMed Research International* (2013-present); *Cladistics* (2010-present); *Cretaceous Research* (2016-present); *eLife* (2017-present); *Evolutionary Ecology* (2015-present); *Frontiers in Ecology and Evolution* (2014-present); *Frontiers in Zoology* (2013-present); *Invertebrate Reproduction and Development* (2015-present); *Integrative and Comparative Biology* (2017-present); *Invertebrate Systematics* (2009-present); *Journal of Arachnology* (2015-present); *Journal of Biogeography* (2012-present); *Journal of Insect Behavior* (2011-present); *Journal of Molluscan Studies* (2013-present); *Lethaia* (2014-present); *Molecular Ecology* (2014-present); *Molecular Phylogenetics and Evolution* (2011-present); *Naturwissenschaften* (2014-present); *Proceedings of the National Academy of Sciences of the USA* (2012-present); *Proceedings of the Royal Society B: Biological Sciences* (2015-present); *Systematics and Biodiversity* (2017-present); *Zookeys* (2012-present); *Zoologica Scripta* (2016-present); *Zoological Journal of the Linnean Society* (2014-present); *Zoological Studies* (2014-present); *Zootaxa* (2011-present)

### EDITORIAL SERVICE

Associate Editor, *Invertebrate Systematics* (2015-present)  
Associate Editor, *Cladistics* (2015-2017)

#### LANGUAGE EDITING SERVICE

*Zootaxa* (2011-present)

#### PANEL SERVICE

National Science Foundation Integrative and Organismal Systems (Evolution of Developmental Mechanisms panel), 8-10 March 2017

National Science Foundation Doctoral Dissertation Improvement Grant (Systematics and Biodiversity Science Cluster), 10-12 December 2014

#### SOCIETY MEMBERSHIPS

American Arachnological Society; International Society for Arachnology; International Society of Invertebrate Morphology; Society of Integrative and Comparative Biology

#### SERVICE TO ACADEMIC SOCIETIES

Annual Meeting of the Society of Integrative & Comparative Biology, January 2017, New Orleans, LA (judge, student poster presentations)

Annual Meeting of the Society of Integrative & Comparative Biology, January 2016, Portland, OR (session chair)

Annual Meeting of the Society of Integrative & Comparative Biology, January 2015, West Palm Beach, FL (session chair; judge, student oral presentations)

American Arachnological Society, June 2012, Green Bay, WI (judge, student oral presentations)

Annual Meeting of the Society of Integrative & Comparative Biology, January 2013, San Francisco, CA (session chair; judge, student oral presentations)

International Congress of Arachnology, June 2013, Kenting, Taiwan (session chair; symposium organizer)

World Congress of Malacology 2013, July 2013, Ponta Delgada, Azores, Portugal (judge, student poster presentations)

#### ORGANIZING COMMITTEES

20<sup>th</sup> International Congress on Arachnology, Scorpion symposium, 2-9 July 2016, Golden, CO

19<sup>th</sup> International Congress on Arachnology, Harvestmen symposium, 23-28 June 2013, Kenting National Park, Taiwan

2<sup>nd</sup> International Congress on Invertebrate Morphology, 20-23 June 2011, Harvard University

#### PROFESSIONAL DEVELOPMENT

Workshop: *How to become a more productive author*. 8 May 2015, Richard Gilder Graduate School, American Museum of Natural History (with Sara Ruane)