

# Dr. Theodore Stankowich

Department of Biological Sciences  
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## Academic & Administrative Appointments

**California State University, Long Beach**, Department of Biological Sciences

*Professor*: 08/2024 – current

*Associate Chair*: 06/2019 – current

*Associate Professor*: 05/2018 – 07/2024

*Assistant Professor*: 08/2012 – 05/2018

**Natural History Museum of Los Angeles County**

Research Associate in Mammalogy: 10/2021 – current

**University of Mississippi**, Department of Biology

Adjunct Associate Professor of Biology: 11/2022 – current

**Harvard University**: Department of Organismic and Evolutionary Biology

Postdoctoral Scientist & Head Teaching Fellow: 09/2010 – 08/2012

**University of Massachusetts Amherst**: Department of Biology

Adjunct Research Assistant Professor: 11/2010 – 08/2012

Postdoctoral Scientist & Lecturer: 08/2008 – 11/2010

Darwin Postdoctoral Fellow (Sponsor: Dr. Elizabeth Jakob): 08/2006 – 08/2008

## Education

**Doctor of Philosophy – Animal Behavior**

**University of California, Davis**, Animal Behavior Graduate Group, Dept. Psychology (June 2006)

Emphasis: Ethology and Evolutionary Bases of Animal Behavior

Graduate Advisor: Dr. Richard G. Coss (Dept. Psychology)

**Master of Science – Animal Behavior**

**University of California, Davis**, Animal Behavior Graduate Group, Dept. Psychology (June 2002)

Emphasis: Ethology and Evolutionary Bases of Animal Behavior

**Bachelor of Arts – Biological Sciences (Cum Laude)**

**Cornell University**, College of Arts and Sciences (May 2000)

Emphasis: Evolution, Ecology, and Behavior

Research Advisor: Dr. Paul W. Sherman (Dept. Neurobiology & Behavior)

## Publications (CSULB \*undergraduate student; ^graduate student)

74. \*Leyva, M., Caro, T., Howell, N., & Stankowich, T. Accepted. Coat coloration in squirrels revisited. *Behavioral Ecology*.
73. ^Lopez, N. & Stankowich, T. 2026. Territoriality, sociality and male weaponry shape horn investment in female bovids. *Behavioral Ecology*, 37(1), araf147.
72. McLean, B.S., Bloom, D., Davis, E.B., Guralnick, R.P., Santana, S.E., Allen, J.M., Amarilla-Stevens, H., Bell, K.C., Blackburn, D.C., Bradley, J.E., Bradley, R.D., Carling, M.D., Coconis, A., Colella, J.P., Conroy, C.J., Cook, J.A., Cruz Machado, H.d.B., Demboski, J.R., Derieg, K.M., Doll, A., Dumbacher, J.P., Duncan, W.D., Dunnum, J.L., Feldman, C., Ferguson, A.W., Fitzgerald, K.E., Flannery, M.E., ^Hood, K., Hornsby, A.D., Krejsa, D., LaFrance, R., Light, J.E., Pavan, S.E., Peterson, S., Raniszewski,

- A., Rickart, E.A., Robson, S., Rowe, R.J., Rowsey, D.M., Semerdjian, A., Stankowich, T., Steger, L., Stevens, R., Thibault, K.M., Thompson, C.W., Upham, N.S., Wilkins, A., & Wommack, E.A. 2025. Extending mammal specimens with their essential phenotypic traits. *Journal of Mammalogy*, 106(5), 1282-91. gyaf062.
71. Teeple, J.B., Cohen, K.E., Stankowich, T., Paig-Train, E.W.M., & Donatelli, C.M. In Press. The armadillo's guide to damage control: The mechanics of osteoderms and hard-soft interactions. *Integrative and Comparative Biology*.
  70. Cohen, K.E., Donatelli, C.M., Schulz, A.K., Teeple, J.B., Stankowich, T., & Paig-Train, E.W.M. In Press. Biological armors – Evolution, materials, and bioinspiration. *Integrative and Comparative Biology*, icaf074.
  69. Devarajan, K., Fidino, M., Farris, Z.J., Adalsteinsson, S.A., Andrade-Ponce, G., ... +179 additional authors in alpha order... St. Clair, C.C., Stankowich, T., Steinmetz, R., Stevenson, C.J., Sunarto, Surasinghe, T.D., Sutyryna, S.V., Swaisgood, R.R., Taktehrani, A., Thapa, K., Thorton, M., Tilker, A., Tobler, M.W., Van Bang, T., Tucker, J., Van Horn, R.C., Vargas-Soto, J.S., Velásquez-C, K.L., Venter, J., Venticinque, E.M., Verschueren, S., Wampole, E., J Watchorn, D., Wearn, O.R., Weiss, K.C., Welschen, A., Widodo, F.A., Williamson, J., Wilting, A., Wittemeyer, G., Zavaleta, A., Zellmer, A.J., & Gerber, B.D. 2025. When the wild things are: defining mammalian diel activity and plasticity. *Science Advances*, 11, 1-15, eado3843.
  68. Larson, R.N., Sander, H.A., Fidino, M., Angstmann, J.L., Hursh, S.H., Magle, S.B., ^Moore, K., Salsbury, C.M., Stankowich, T., Tombs, K., Barczak, L., Davidge, A.M., Drake, D., Hartley, L., Sanchez, P.R., Robey, A., Snyder, T., Williamson, J., & Zellmer, A.J. 2024. Patterns in tree squirrel co-occurrence vary with responses to local land cover in US cities. *Urban Ecosystems*, 27, 2121-2133.
  67. ^Fay, C., Young, J.K., & Stankowich, T. 2024. Aposematic learning in a mammalian predator-prey system. *Animal Behaviour*, 212, 39-48.
  66. Fidino, M., Sander, H.A., Lewis, J.S., Lehrer, E.W., Rivera, K., Murray, M.H., Adams, H.C., Kase, A., Flores, A., Stankowich, T., Schell, C.J., Salsbury, C.M., Rohnke, A.T., Jordan, M.J., Green, A.M., Gramza, A.R., Zellmer, A.J., Williamson, J., Surasinghe, T.D., Storm, H., Sparks, K.L., Ryan, T.J., Remine, K.R., Pendergast, M.E., Mullen, K., Minier, D.E., Middaugh, C.R., Mertl, A.L., McClung, M.R., Long, R.A., Larson, R.N., Kohl, M.T., Harris, L.R., Hall, C.T., Haight, J.D., Drake, D., Davidge, A.M., Cheek, A.O., Bloch, C.P., Biro, E.G., Anthonysamy, W.J.B., Angstmann, J.L., Allen, M.L., Adalsteinsson, S.A., Gianotti, A.G.S., LaMontagne, J.M., Gelmi-Candusso, T.A., Magle, S.B. 2024. Gentrification drives patterns of alpha and beta diversity in cities. *Proceedings of the National Academy of Sciences*, 121(17), article e2318596121.
  65. ^Lopez, N., \*Moore Tupas, J., & Stankowich, T. 2024. Brains vs brawn: Relative brain size is sexually dimorphic amongst weapon-bearing ruminants. *Behavioral Ecology & Sociobiology*, 78, article 11.
  64. ^Rabbitoy, H. & Stankowich, T. 2023. Effects of human approach directness and path use on small mammal risk perception. *Journal of Ethology*, 42, 19-29.
  63. ^Walker, H., Caro, T., Bell, D., Ferguson, A., Stankowich, T. 2023. Predation risk drives aposematic signal conformity. *Evolution*, 77(11), 2492-2503.
  62. Haight, J.D., Hall, S.J., Fidino, M., Adalsteinsson, S.A., Ahlers, A.A., Angstmann, J., Anthonysamy, J.B., Biro, E., Collins, M.K., Dugelby, B., Gallo, T., Green, A.M., Hartley, L., Jordan, M.J., Kay, C.A.M., Lehrer, E.W., Long, R.A., MacDougall, B., Magle, S.B., Minier, D.E., Mowry, C., Murray, M., Nininger, K., Pendergast, M.E., Remine, K.R., Ryan, T., Salsbury, C., Schell, C.J., Şekercioglu, Ç.H., Shier, C.J., Simon, K.C., St. Clair, C.C., Stankowich, T., Stevenson, T.J., Wayne, L., Will, D., Williamson, J., Wilson, L., Zellmer, A.J., Lewis, J.S. 2023. Urbanization, climate, and species traits shape mammal communities from local to continental scales. *Nature Ecology & Evolution*, 7, 1654–1666.
  61. Kikuchi, D.W., Allen, W.L., Arbuckle, K., Aubier, T.G., Briolat, E.S., Burdfield-Steel, E.R., Cheney, K.L., Daňková, K., Elias, M., Hämäläinen, L., Herberstein, M.E., Hossie, T.J., Joron, M., Kunte, K., Leavell, B.C., Lindstedt, C., Lorigoux-Chevalier, U., McClure, M., McLellan, C.F., Medina, I., Nawge, V., Páez, E., Pal, A., Pekár, S. Penacchio, O., Raška, J., Reader, T., Rojas, B., Rönkä, K.H., Rößler, D.C., Rowe, C., Rowland, H.M., Roy, A., Schaal, K.A., Sherratt, T.N., Skelhorn, J., Smart, H.R., Stankowich, T., Stefan, A.M., Summers, K., Taylor, C.H., Thorogood, R.T., Umbers, K., Winters, A.E., Yeager, J., Exnerová, A. 2023. The evolution and ecology of multiple antipredator defences. *Journal of Evolutionary Biology*, 36(7), 975-991.

60. <sup>^</sup>Reed, P.M., Dwyer, J.F., & Stankowich, T. 2023. Supplementation of seasonal natural resources with year-round anthropogenic resources by coyotes in natural fragments within a high-density urban area. *Wildlife Biology*, 2023(4), e1095.
59. \*Lopez, N. & Stankowich, T. 2023. Sizing up swords: Correlated evolution of antlers and tusks in ruminants. *Journal of Mammalian Evolution*, 30, 231-244.
58. Gallo, T., Fidino, M., Gerber, B., Ahlers, A.A., Angstmann, J.L., <sup>^</sup>Amaya, M., Concilio, A.L., Drake, D., Gay, D., Lehrer, E.W., Murray, M.H. Ryan, T.J., St. Clair, C.C., Salsbury, C.M., Sander, H.A., Stankowich, T., Williamson, J., Belaire, J.A., Simon, K., Magle, S.B. 2022. Mammals adjust diel activity across gradients of urbanization. *eLife*, 11, e74756.
57. Caro, T., Brockelsbury, K., Ferrari, A., Koneru, M., Ono, K., Rowe, Z.W., Touche, E., <sup>^</sup>Walker, H., Stankowich, T. 2022. On the evolution of distinctive natal coat coloration in primates. *American Journal of Biological Anthropology*, 177(3), 530-539.
56. Kay, C.M., Rohnke, A., Sander, H., Stankowich, T., Fidino, M., Murray, M., Lewis, J., Taves, I., Lehrer, E., Zellmer, A., Schell, C., Magle, S. 2022. Barriers to building wildlife-inclusive cities: Insights from the deliberations of urban ecologists, urban planners, and landscape designers. *People and Nature*, 4(1), 62-70.
55. Magle, S., Fidino, M., Sander, H.A., Rohnke, A.T., Larson, K.L., Gallo, T., Kay, C.A.M., Lehrer, L., Murray, M.H., Adalsteinsson, S.A., Ahlers, A.A., Anthonysamy, W.J.B., Granza, A.R., Green, A.M., Jordan, M.J., Lewis, J.S., Long, R.A., MacDougall, B., Pendergast, M.E., Remine, K., Simon, K.C., St. Clair, C.C., Stankowich, T., Zellmer, A.J., Schell, C.J. 2021. Wealth and urbanization shape medium and large terrestrial mammal communities. *Global Change Biology*, 17(21), 5446-5459.
54. Crofts, S.B. & Stankowich, T. 2021. Stabbing Spines: A review of the biomechanics and evolution of defensive spines. *Integrative and Comparative Biology*, 61(2), 655-667.
53. Caro, T. & Stankowich, T. 2021. A roadmap for comparative primate coloration research: a response to comments on Caro et al. *Behavioral Ecology*, 32(4), 572-573.
52. Caro, T., Brockelsby, K., Ferrari, A., Koneru, M., Ono, K., Touche, E., Stankowich, T. 2021. The evolution of primate coloration revisited. *Behavioral Ecology*, 32(4), 555-567. INVITED REVIEW WITH COMMENTARIES
51. Fidino, M., Gallo, T., Lehrer, E.W., Murray, M.H., Kay, C.A.M., Sander, H.A., MacDougall, B., Salsbury, C.M., Ryan, T.J., Angstmann, J.L., Belaire, J.A., Dugelby, B., Schell, C.J., Stankowich, T., <sup>^</sup>Amaya, M., Drake, D., Hursh, S.H., Ahlers, A.A., Williamson, J., Hartley, L.M., Zellmer, A.J., Simon, K., Magle, S. 2020. Landscape-scale differences among cities alter common species' responses to urbanization. *Ecological Applications*, 27(21), 5446-5459.
50. Caro, T., \*Raees, H. & Stankowich, T. 2020. Flash behavior in mammals? *Behavioral Ecology and Sociobiology*, 74, #44.
49. \*Cabrerá, D. & Stankowich, T. 2020. Stabbing slinkers: Tusk evolution among terrestrial Artiodactyls. *Journal of Mammalian Evolution*, 27(2), 265-272.
48. Stankowich, T. & \*Stensrud, C. 2019. Small but spiny: the evolution of antipredator defenses in Madagascar tenrecs. *Journal of Mammalogy*, 100(1), 13-20.
47. Stankowich, T. 2019. Defensive Risk-Taking in Animals. In: *Encyclopedia of Animal Behavior*, 2nd ed., Choe, J. C., ed., Antipredator Behavior Section, Stankowich, T., section ed., Oxford University Press.
46. Briolat, E., Burdfield-Steel, E., Paul, S., Rönkä, K., Seymoure, B., Stankowich, T., & Stuckert, A. 2019. Diversity in warning coloration: Selective paradox or the norm? *Biological Reviews*, 94, 388-414.
45. Stankowich, T. 2019. Invited Review (*The Dama Gazelles*, Mungal, C., ed.). *Quarterly Review of Biology*, 94, 217-218.
44. Caro, T., Newell, C., & Stankowich, T. 2018. Ecocorrelates of pelage coloration in pigs and peccaries. *Journal of Mammalogy*, 99(5), 1093-1100.
43. <sup>^</sup>Fisher, K.A. & Stankowich, T. 2018. Antipredator strategies of striped skunks in response to cues of aerial and terrestrial predators. *Animal Behaviour*, 143, 25-34.
42. Broeckhoven, C., El Adak, Y., Hui, C., Van Damme, R., & Stankowich, T. 2018. On dangerous ground: the evolution of body armour in cordyline lizards. *Proceedings of the Royal Society B*, 284: 20161857.
41. Caro, T., <sup>^</sup>Walker, H., Santana, S. E., & Stankowich, T. 2017. The evolution of anterior coloration in carnivorans. *Behavioral Ecology and Sociobiology*, 71, 177.
40. Caro, T., <sup>^</sup>Walker, H., Rossman, Z., Hendrix, M. & Stankowich, T. 2017. Why is the giant panda black and white? *Behavioral Ecology*, 28(3), 657-667.

39. **Stankowich, T. & \*Romero, A. N.** 2017. The correlated evolution of antipredator defences and brain size in mammals. *Proceedings of the Royal Society B*. COVER PHOTOGRAPH
38. **Buesching, C. D. & Stankowich, T.** 2017. Communication amongst the Musteloids: Signs, signals, and cues. In: *Biology and Conservation of Wild Musteloids*, Macdonald, D. W., Newman, C., & Harrington, L. A., eds., pp.158-177, Oxford University Press.
37. **Stankowich, T. & \*Campbell, L. A.** 2016. Living in the danger zone: Exposure to predators and the evolution of spines and body armor in mammals. *Evolution*, 70(7), 1501-1511.
36. **^Schiefelbein, H. & Stankowich, T.** 2016. Aversive or Attractive? The Effects of Skunk Oil on Predator Behavior. *Proceedings of the 27th Vertebrate Pest Conference*. Timm, R. M. & Baldwin, R. A., eds., pp. 52-58, UC Davis Press.
35. **^Jones, C., Stankowich, T. & Pernet, B.** 2016. Allocation of cytoplasm to macromeres in embryos of annelids and molluscs is positively correlated with egg size. *Evolution and Development*, 18(3), 156-170.
34. **Caro, T. & Stankowich, T.** 2015. Concordance on zebra stripes. *Royal Society Open Science*, 2(9), 1-4.
33. **Samia, D. S. M., Møller, A. P., Blumstein, D. T., Stankowich, T. & Cooper, W. E.** 2015. Sex differences in lizard escape decisions vary with latitude, but not sexual dimorphism. *Proceedings of the Royal Society B*, 282(1805).
32. **Samia, D. S. M., Blumstein, D. T., Stankowich, T. & Cooper, W. E.** 2015. Fifty years of chasing lizards: new insights advance optimal escape theory. *Biological Reviews*, 91(2), 349-66.
31. **Stankowich, T. & Reimers, E.** 2015. Escape decisions in mammals. In: *Escaping from Predators: An integrative view of escape decisions and refuge use*. Cooper, W. E. & Blumstein, D. T., eds., Cambridge University Press.
30. **Blumstein, D. T., Samia, D. S. M., Stankowich, T. & Cooper, W. E.** 2015. Best practice for the study of escape behavior. In: *Escaping from Predators: An integrative view of escape decisions and refuge use*. Cooper, W. E. & Blumstein, D. T., eds., Cambridge University Press.
29. **Caro, T., Izzo, A., Reiner, B., \*Walker, H., Stankowich, T.** 2014. Why zebras have stripes: comparative data from equids. *Nature Communications*, 5, article: 3535.
28. **Stankowich, T., Haverkamp, P. J., Caro, T.** 2014. Ecological drivers of antipredator defenses in carnivores. *Evolution*, 68(5), 1415-1425.
27. **Stankowich, T.** 2014. Predation and Antipredator Behavior. In: *Animal Behavior: How and Why Animals Do the Things They Do, Vol. 2: Function & Evolution of Behavior*, K. Yasukawa, ed., Praeger.
26. **Weston, M. A. & Stankowich, T.** 2014. Dogs as agents of disturbance. In: *Free-Ranging Dogs and Wildlife Conservation* (M. E. Gompper, ed.), Oxford University Press.
25. **Caro, T., Stankowich, T., Kiffner, C., Hunter, J.** 2013. Are spotted skunks conspicuous or cryptic? *Ethology, Ecology, & Evolution*, 25(2), 144-160.
24. **Caro, T., Stankowich, T., Mesnick, S., Costa, D., Beeman\*, K.** 2012. Pelage coloration in pinnipeds: functional considerations. *Behavioral Ecology*, 23(4), 765-774.
23. **Stankowich, T.** 2012. Armed and dangerous: predicting the presence and function of defensive weaponry in mammals. *Adaptive Behavior (Special Issue: "Predators and Prey")*, 20(1), 34-45.
22. **Stankowich, T., Caro, T., & Cox\*, M.** 2011. Evolution of aposematism in terrestrial carnivores. *Evolution*, 65(11), 3090-3099.
21. **Caro, T., Beeman\*, K., Stankowich, T., Whitehead, H.** 2011. The functional significance of colouration in cetaceans. *Evolutionary Ecology*, 25, 1231-1245.
20. **Cooper, W.E. & Stankowich, T.** 2010. Prey or predator? Body size of an approaching animal affects decisions to attack or escape. *Behavioral Ecology*, 21(6), 1278-1284.
19. **Stankowich, T.** 2010. Risk-taking in self-defense. In: *Encyclopedia of Animal Behavior*, Breed, M. D. & Moore, J., eds. *Antipredator Behavior Section*, **Stankowich, T.**, section ed., Academic Press, Oxford, Vol. 3, pp. 79-86.
18. **Caro, T. & Stankowich, T.** 2010. The function of contrasting pelage markings in artiodactyls. *Behavioral Ecology*, 21(1), 78-84.
17. **Stankowich, T. & Caro, T.** 2009. Evolution of weaponry in female bovids. *Proceedings of the Royal Society B*, 276, 4329-4334.
16. **Fernández-Juricic, E., Zahn\*, E.F., Parker\*, T., Stankowich, T.** 2009. Tolerance to pedestrian disturbance of the California endangered Belding's Savannah Sparrow (*Passerculus sandwichensis beldingi*). *Avian Conservation and Ecology*, 4(2), 1 [online].

15. **Blumstein, D.T., Ferando\*, E., Stankowich, T.** 2009. A test of the multi-predator hypothesis: Yellow-bellied marmots respond fearfully to the sight of novel and extinct predators. *Animal Behaviour*, 78, 873-878.
14. **Stankowich, T.** 2009. When predators become prey: flight decisions in jumping spiders. *Behavioral Ecology*, 20(2), 318-327.
13. **Stankowich, T.** 2009. Invited review (*The Better to Eat You With: Fear in the Animal World*, Berger 2008). *Quarterly Review of Biology*, 84(3), 298.
12. **Stankowich, T.** 2008. Ungulate flight responses to human disturbance: a review and meta-analysis. *Biological Conservation*, 141(9), 2159-2173.
11. **Stankowich, T.** 2008. Tail-flicking, tail-flagging, and tail position in ungulates with special reference to black-tailed deer. *Ethology*, 114(9), 875-885.
10. **Stankowich, T. & Coss, R. G.** 2008. Alarm walking in Columbian black-tailed deer: its characterization and possible antipredatory signaling functions. *Journal of Mammalogy*, 89(3), 636-645.
9. **Stankowich, T.** 2008. Invited review (*Quantifying Behavior the JWatcher Way*, Blumstein & Daniel 2007, eds.). *Integrative and Comparative Biology*, 48(3), 437-439.
8. **Stankowich, T. & Coss, R. G.** 2007. Effects of risk assessment, predator behavior, and habitat on escape behavior in Columbian blacktailed deer. *Behavioral Ecology*, 18(2), 358-367.
7. **Stankowich, T. & Coss, R. G.** 2007. The re-emergence of felid camouflage with the decay of predator recognition in deer under relaxed selection. *Proceedings of the Royal Society B*, 274, 175-182.
6. **Stankowich, T. & Coss, R. G.** 2006. Effects of predator behavior and proximity on risk assessment in Columbian blacktailed deer. *Behavioral Ecology*, 17(2), 246-254, COVER PHOTOGRAPH.
5. **Stankowich, T. & Blumstein, D. T.** 2005. Fear in animals: a meta-analysis and review of risk assessment. *Proceedings of the Royal Society B*, 272, 2627-2634.
4. **Stankowich, T.** 2003. Marginal predation methodologies and the importance of predator preferences. *Animal Behaviour*, 66, 589-599.
3. **Stankowich, T.** 2003. Invited Review (*The African Wild Dog*, Creel & Creel 2002). *Ethology*, 109, 613-616.
2. **Stankowich, T. & Sherman, P.W.** 2002. Pup shoving behavior in adult naked mole rats. *Ethology*, 108, 975-992.
1. **Bell, A. M., Davis, J. M., Debose, J. L., Johnson, J. C., Long, S. L., Mabry, K. E., Stankowich, T. & Watters, J. V.** 2002. Greatest hits in behavioral ecology. *Trends in Ecology and Evolution*, 17, 296.

### **Editorial Positions**

**2019-2021: Editorial Board Member**, *Behavioral Ecology* (Journal Impact Factor 3.347)

**2018-2021: Associate Editor**, *Behavioral Ecology and Sociobiology* (Journal Impact Factor 2.382)

**2017-2018: "Antipredator Behavior" Section Editor for *Encyclopedia of Animal Behavior 2<sup>nd</sup> Edition***, Academic Press / Elsevier (J. Chao, Editor-in-Chief)

**2009-2010: "Antipredator Behavior" Section Editor for *Encyclopedia of Animal Behavior***, Academic Press / Elsevier (M. Breed & J. Moore, Editors-in-Chief)

### **Presentations & Posters** (*student presentations in italics*)

#### **Oral Presentations:**

##### **2025**

Invited Seminar, Evolution & Ecology Department, University of Montana, Missoula, MT

Contributed Seminar, Annual Meeting of the Animal Behavior Society, Baltimore, MD

*Invited Talk, Linking Vegetation, Wildlife, & IPM in Ventura Subtropical Crops (presented by MS student Mackenzie Clark)*

##### **2024**

Invited Public Talk, NerdNiteLA, Los Angeles, CA (public talk)

Contributed Seminar, Annual Meeting of the Ecological Society of America, Long Beach, CA

Contributed Seminar, Annual Meeting of the Animal Behavior Society, Western Univ., Ontario, Canada

Invited Keystone Seminar, Environmental Collaboratory/CLIMATE Justice Initiative/WUICAN  
Workshop: Connecting Fragmented Landscapes, UC Irvine, CA

Invited Seminar, Evolution, Ecology and Organismal Biology Department, UC Riverside, CA

Contributed Seminar, Southern California Animal Behavior meeting, UCLA, Los Angeles, CA

*Contributed Seminar, Southern California Academy of Sciences Annual Meeting, Chapman University, Orange CA, USA (presented by MS student Emily Blackwell)*

*Contributed Seminars, Annual Meeting of the Ecological Society of America, Long Beach, CA (x2 presented by MS students Erin Weiner, Emily Blackwell)*

## 2023

Invited Seminar, Research & Collections Seminar Series, Natural History Museum of Los Angeles County

Invited Seminar, Department of Biological Sciences, Cal Poly Pomona, CA

*Contributed Seminar, Southwest Organismal Biology Meeting SICB, Claremont, CA, USA (presented by postbac Alexander Avalos)*

*Contributed Seminar, Ecological Society of America, Portland, OR (presented by MS student Erin Weiner)*

*Contributed Symposium Seminar, International Urban Wildlife Conference, Washington, DC (presented by former MS student Katrina Moore on her CSULB research)*

*Contributed Virtual Seminar, Society for the Study of Evolution, (presented by former MS student Nicole Lopez on her CSULB research)*

*Contributed Seminar, Annual Meeting of the American Society of Mammalogists in Anchorage, AK (presented by former MS student Nicole Lopez on her CSULB research)*

*Invited Seminar, Discovery Cube Professional Development Series (presented by postbac Lizbeth Jardon)*

## 2022

Contributed Seminar, Annual Meeting of the Animal Behavior Society, San Jose, Costa Rica

Invited Seminar, Crow Institute for the Study of Evolution, Univ. Wisconsin Madison, WI (Virtual)

Invited Seminar, Dept. Natural Resources Management, Texas Tech University, TX (Virtual)

*Contributed Seminar, Annual Meeting of the American Society of Mammalogists in Tucson, AZ (presented by MS student Jordan Rodriguez)*

*Contributed Seminar, Southwest Organismal Biology Meeting SICB, Riverside, CA, USA (presented by postbac Lizbeth Jardon)*

## 2021

Contributed Seminar, Annual Meeting of the Animal Behavior Society (Virtual)

Invited Speaker, UC Davis Chapter of The Wildlife Society (Virtual)

Invited Seminar, Rotary Club of La Habra (Virtual)

Invited Seminar, Department of Biology, Ithaca College, NY (Virtual)

Invited Speaker, Brandywine Zoo Animal Careers Series (Virtual)

Invited Symposium Speaker, Society for Integrative and Comparative Biology (Virtual)

*Contributed Seminars, Society for Integrative and Comparative Biology (Virtual) (x2 presented by MS student Kathy Vo, BS student Lizbeth Jardon)*

*Contributed Seminars, CSULB Week of RSCA (Virtual) (x3 presented by MS student Nicole Lopez, BS students Lizbeth Jardon and Mariana Leyva)*

*Invited Seminar, International Urban Wildlife Conference (Virtual) (presented by MS student Katrina Cazel)*

## 2020

Invited Seminar, Winter Animal Behavior Conference, Steamboat Springs, CO

Contributed Seminar, Annual Meeting of the Animal Behavior Society (Virtual)

*Contributed Seminar, Southern California Animal Behavior Meeting (x2 presented by MS students Nicole Lopez and Kathy Vo)*

*Lightning Talks, Annual Meeting of the Animal Behavior Society (Virtual) (x2 presented by MS student Kathy Vo, BS student Lizbeth Jardon)*

*Contributed Seminar, Women's Research Colloquium (presented by BS student Lizbeth Jardon)*

## 2019

Contributed Seminar, Annual Meeting of the American Society of Mammalogists, Washington, D.C.  
 Invited Seminar, Rotary Club of Long Beach, CA  
 Invited Seminar, Centre for Tropical, Env., and Sustainability Science, James Cook University, Cairns, AUS  
 Invited Seminar, Taronga Zoo, Sydney, AUS  
 Invited Seminar, School of Biol., Earth, and Env. Sciences, University of New South Wales, Sydney, AUS  
 Invited Seminar, Dept. Biological Sciences, Macquarie University, Sydney, AUS  
 Invited Seminar, School of BioSciences, University of Melbourne, AUS  
 Invited Public Talk, NerdNiteLA, Los Angeles, CA (public talk)  
 Invited Seminar, Dept. Natural Resource Ecology and Management, Iowa State University, IA  
 Invited Seminar, Dept. Biology, University of San Diego, CA  
 Contributed Seminar, Southern California Academy of Sciences (presented by MS student Kathy Vo)  
 Invited Seminar, HSI STEM BRIDGES Student Research Symposium (presented by UG student Amber Hatchell)

## 2018

Invited Seminar, Dept. Biological Sciences, California State University Long Beach  
 Invited Seminar, Dept. Biology, California State University Fullerton, CA, USA  
 Contributed Seminar, Annual Meeting of the Animal Behavior Society in Milwaukee, WI, USA  
 Invited Seminar, Dept. Biology, California State University San Bernadino, CA, USA  
 Invited Seminar, Gordon Conference on Predator-Prey Interactions, Ventura, CA, USA  
 Contributed Seminar, Southern California Academy of Sciences (presented by UG student Nicole Lopez \*winner M. James Allen Award for best student talk)  
 Contributed Seminar, Southern California Animal Behavior Meeting (presented by UG student Nicole Lopez)  
 Contributed Seminar, Annual Meeting of the American Society of Mammalogists in Kansas (presented by MS student Hannah Walker)  
 Contributed Seminar, Annual Meeting of the Animal Behavior Society in Milwaukee (presented by UG student Kathy Vo)  
 Contributed Seminar, Southwest Organismal Biology Meeting SICB, San Marcos, CA, USA (presented by MS student Hannah Walker)

## 2017

Invited Seminar, Dept. Biology, Cerritos College, Cerritos, CA USA  
 Invited Symposium Seminar, International Urban Wildlife Conference, San Diego, CA, USA  
 Contributed Seminar, Annual Meeting of the Animal Behavior Society in Toronto, ONT, CANADA  
 Contributed Seminar, Annual Meeting of the Animal Behavior Society in Toronto (presented by MS student Hannah Walker)  
 Contributed Seminar, Annual Meeting of the American Society of Mammalogists, Moscow, ID, USA  
 Invited Seminar, Dept. Biology, Pepperdine University, Malibu, CA USA  
 Invited Seminar, Dept. Wildlife, Humboldt State University, Arcata, CA

## 2016

Invited Seminar, Animal Behavior Group, University of California Davis, CA USA  
 Contributed Seminar, Annual Meeting of the International Society for Behavioral Ecology, University of Exeter, UK  
 Contributed Seminar, Antipredator Coloration Symposium - ISBE, University of Exeter, UK, USA  
 Invited Seminar, Dept. Biological Sciences, California State University Long Beach, CA, USA  
 Invited Seminar, CNSM Zoology Club, California State University Long Beach, CA, USA  
 Contributed Seminar, Southwest Organismal Biology Meeting SICB, Fullerton, CA, USA (presented by MS student Victoria Luce)

## 2015

Contributed Seminar, Annual Meeting of the Animal Behavior Society in Anchorage, AK, USA  
 Contributed Seminar, Southwest Organismal Biology Meeting SICB, Pomona, CA, USA  
 Contributed Seminar, Southwest Organismal Biology Meeting SICB, Pomona, CA, USA (presented by MS student Victoria Luce)  
 Invited Seminar, Dept. Biological Sciences, California State University Northridge, CA, USA

**2014**

Fellows Colloquium Lecture, College of Natural Science and Mathematics, CSULB, USA  
 Invited Seminar, BIOINSPIRATION corporate workshop, San Diego Zoo Global, San Diego, CA, USA  
 Invited Seminar, Dept. Biological Sciences, San Diego State University, San Diego, CA, USA  
 Invited Seminar, Dept. Biology, North Dakota State University, Fargo, ND, USA  
 Contributed Seminar, Society of Integrative and Comparative Biology – Southwest Organismal Biology Meeting, University of California Irvine, CA, USA  
 Contributed Seminar, Annual Meeting of the International Society for Behavioral Ecology, New York City, NY, USA  
 Contributed Seminar, Annual Meeting of the Animal Behavior Society in Princeton, NJ, USA

**2013**

Invited Speaker, City of Seal Beach, City Council Meeting on Coyote-Human Conflicts, Seal Beach, CA  
 Contributed Seminar, Society of Integrative and Comparative Biology – Southwest Organismal Biology Meeting, University of California Riverside  
 Contributed Seminar, 5<sup>th</sup> Western Evolutionary Biology Meeting, UC Irvine, CA, USA  
 Contributed Seminar, Annual Meeting of the Animal Behavior Society in Boulder, CO, USA  
 Contributed Seminar, Annual Meeting of the American Society of Mammalogists, Philadelphia, PA, USA  
 Invited Seminar, Dept. Ecology & Evolutionary Biology, University of California Los Angeles, CA, USA  
 Invited Seminar, Dept. Biology, California State University Fullerton, CA, USA  
 Contributed Platform Presentation, CNSM Faculty Symposium, Cal State Univ Long Beach, CA, USA  
 Invited Seminar, Biology Students Association, Cal State Univ Long Beach, CA, USA

**2012**

Invited Seminar, Dept. Biological Sciences, California State University Long Beach, CA, USA  
 Invited Seminar, Dept. Biology, Smith College, Northampton, MA, USA  
 Invited Seminar, Center for Geographic Analysis, Harvard University, Cambridge, MA, USA  
 Contributed Seminar, Annual Meeting of the Animal Behavior Society in Albuquerque, NM, USA  
 Pierce Lab Seminar, Dept. Organismic and Evolutionary Biol, Harvard University, Cambridge, MA, USA  
 Farewell Seminar, Organismic & Evolutionary Biology, University of Massachusetts, Amherst, USA

**2011**

Invited Seminar, Dept. Biology, Santa Clara University, CA, USA  
 Invited Seminar, Dept. Biology, Eastern Illinois University, Charleston, IL, USA  
 Invited Seminar, Dept. Biology, Arcadia University, Glenside, PA, USA  
 Invited Seminar, Dept. Biology, West Chester University, West Chester, PA, USA  
 Invited Seminar, Dept. Biology, University of Michigan-Dearborn, Dearborn, MI, USA  
 Invited Seminar, Dept. Psychology, James Madison University, Harrisonburg, VA, USA  
 Invited Seminar, Dept. Psychology, Franklin & Marshall College, Lancaster, PA, USA  
 Invited Expert Speaker, Science on Screen: “THE BIRDS”, Coolidge Corner Theatre, Brookline, MA, USA  
 Contributed Seminar, The Annual Meetings of the Animal Behavior Society and the International Ethological Conference in Bloomington, IN, USA.

**2010**

Invited Seminar, Museum of Comparative Zoology, Harvard University, Cambridge, MA, USA  
 Pierce Lab Seminar, Dept. Organismic & Evolutionary Biol, Harvard University, Cambridge, MA, USA  
 Hoekstra Lab Seminar, Dept. Organismic & Evolutionary Biol, Harvard University, Cambridge, MA, USA  
 Contributed Seminar, The Annual Meeting of the Animal Behavior Society in Williamsburg, VA, USA.  
 Contributed Seminar, The Annual Meeting of the Society for the Study of Evolution in Portland, OR, USA.  
 Invited Seminar, Dept. Biology, Stonehill College, Easton, MA, USA  
 Invited Seminar, Dept. Biology, The Pennsylvania State University, State College, PA, USA

**2009**

Invited Seminar, BIOTAP Program, Dept Biology, University of Massachusetts, Amherst, MA, USA.

Invited Seminar, School of Cognitive Science, Hampshire College, Amherst, MA, USA  
 Contributed Seminar, The Annual Meeting of the Animal Behavior Society in Pirenópolis, BRAZIL

**2008**

Lead Speaker, Antipredator Behavior Symposium Working Group, Annual Meeting of the International Society for Behavioral Ecology, Cornell University, Ithaca, NY, USA  
 Invited Seminar, Biology Program, Bard College, Annandale-on-the-Hudson, NY, USA  
 Invited Seminar, School of Biology, Georgia Institute of Technology, Atlanta, GA, USA

**2007**

Invited Seminar, Dept Biological Sciences, Mount Holyoke College, South Hadley, MA, USA  
 Contributed Seminar, The Annual Meeting of the Animal Behavior Society in Burlington, VT, USA  
 Invited Seminar, Dept Ecology, Behavior, & Evolution, University of California San Diego, CA, USA  
 Invited Seminar, Dept Psychology, University of Exeter, Exeter, UK  
 Invited Seminar, Harvard Forest Field Station, Harvard University, Petersham, MA, USA  
 Invited Seminar, BIOTAP Program, Dept Biology, University of Massachusetts, Amherst, MA, USA.

**2006**

Clyde Warner Allee Talk, The Annual Meeting of the Animal Behavior Society in Snowbird, UT, USA  
 Invited Seminar, Bodega Marine Laboratory, Bodega Bay, CA, USA  
 Exit Seminar, Animal Behavior Graduate Group, University of California, Davis, CA, USA  
 Invited Seminar, Organismic & Evolutionary Biol, University of Massachusetts, Amherst, MA USA.  
 Contributed Seminar, Annual Meeting Western Section of the Wildlife Society, Sacramento, CA, USA

**2005**

Brownbag Seminar, Dept Psychology, University of California, Davis, CA, USA  
 Invited Seminar, Dept Env Science, Policy, and Management, University of California, Berkeley, CA USA  
 Contributed Seminar, The Annual Meeting of the Animal Behavior Society in Snowbird, UT, USA  
 2<sup>nd</sup> Animal Behavior Graduate Group Research Conference, University of California, Davis, CA, USA

**2004**

Invited Seminar, Point Reyes National Seashore, Point Reyes Station, CA, USA  
 Contributed Seminar, The Annual Meeting of the Animal Behavior Society in Oaxaca, MEXICO.  
 Psychobiology Brownbag, Department of Psychology, University of California, Davis, CA, USA

**2003**

1<sup>st</sup> Animal Behavior Graduate Group Research Conference, University of California, Davis, CA, USA

**Posters:** Event (number of student poster presenters, names of students)

- 2024:** Gordon Conference on Predator-Prey Interactions, Ventura, CA, USA  
*Ecological Society of America, Long Beach (x3: Mackenzie Clark, Brynn Sablan, Sarah Heimbach)*  
*CNSM Student Research Symposium (x2: Mackenzie Clark, Sarah Heimbach)*
- 2023:** Southern California Academy of Sciences (x2: Emily Blackwell, Erin Weiner)  
*International Urban Wildlife Conference, Washington, DC (Emily Blackwell)*  
*CNSM Student Research Symposium (x2: Emily Blackwell, Erin Weiner)*
- 2022:** CNSM Student Research Symposium (x2; Mariana Leyva, Alexander Avalos)  
*Annual Biomedical Research Conference for Minoritized Scientists (Alexander Avalos)*
- 2020:** Society of Integrative and Comparative Biology (Caitlin Stapp)  
*Southern California Animal Behavior Conference, UCSD (Max Amaya)*
- 2019:** CNSM Student Research Symposium (x3; Nicole Lopez, Michelle Ho, Lizbeth Jardon)  
*Bienvenida! STEM Family Event (Amber Hatchell)*  
*RISE & LSAMP Student Research Symposium (Michelle Ho)*  
*International Urban Wildlife Conference (Kathy Vo)*
- 2018:** Southern California Animal Behavior Conference, UCLA (x3; Rita Collins, Doreen Cabrera, Kathy Vo)  
*Society of Integrative and Comparative Biology (Kathy Vo)*

- Annual Meeting of the Animal Behavior Society, Milwaukee, WI (Nicole Lopez)*  
*Annual Meeting of the Western Section of the Wildlife Society (Kathy Vo)*  
*CNSM Student Research Symposium (x4; Max Amaya, Nicole Lopez, Kathy Vo, Lizbeth Jardon)*  
*Southwestern Organismal Biology, San Marcos, CA (x4; presented by Nicole Lopez, Max Amaya, Lizbeth Jardon, Jonathon Tupas)*
- 2017:** *Southwestern Organismal Biology, Claremont, CA (x2; presented by Nicole Lopez & Kathy Vo)*  
*Western Section of the Wildlife Society Conference, Reno, NV (presented by Victoria Mann)*  
*Annual Meeting of the American Society of Mammalogists, Moscow, ID (presented by Kim Fisher)*
- 2016:** Gordon Conference on Predator-Prey Interactions, Ventura, CA, USA  
 CNSM Faculty Research Symposium, CSULB  
*Undergraduate Research Symposium, Cal State Long Beach, CA, USA (presented by Earnest Chae)*  
*Graduate Research Symposium, Cal State Long Beach, CA, USA (presented by Kim Fisher)*  
*Annual Biomedical Research Conference for Minority Students, Tampa, FL (presented by Nicole Lopez)*
- 2015:** *Annual Meeting of the Animal Behavior Society, Anchorage, AK (presented by Doreen Cabrera)*  
*Undergraduate Research Symposium, Cal State Long Beach, CA, USA (presented by Ashly Romero)*
- 2014:** Gordon Conference on Predator-Prey Interactions, Ventura, CA, USA  
 Faculty Research Symposium, CNSM, Cal State Long Beach, CA, USA.  
*Undergraduate Research Symposium, Cal State Long Beach, CA, USA (x2; presented by Victoria Luce and Nicholas Fedorko)*
- 2009:** *Undergraduate Research Symposium, University of Massachusetts Amherst, MA, USA (1)*
- 2008:** International Society for Behavioral Ecology in Ithaca, NY, USA
- 2001:** International Society of Applied Ethology in Davis, CA, USA

### **Popular Press Coverage**

For an up-to-date list, visit: <http://www.csulb.edu/mammal-lab/the-news>

### **Awards, Grants, & Funding**

- University Mini-Grant**, CSU Long Beach, \$5000, Geographic variation in armadillo armor, 2025-2026
- CSULB Distinguished Faculty RSCA Award**, CSU Long Beach, 2024-25 University Awards
- Natural Communities Coalition Grant**: \$200K, Conservation grazing impacts on small mammals, 2025-2030.
- Research, Scholarly Activity Small Faculty Grant**: \$5000, Coyote predation & aposematic pets, 2024
- Bolsa Chica Land Trust Grant**: \$3000, Mammal wetland ecology in Bolsa Chica wetlands, 2023-25
- CSULB Distinguished Faculty RSCA Mentoring Award**, CSU Long Beach, 2022-23 University Awards
- Research, Scholarly Activity Small Faculty Grant**: \$10000, Urban heat & light impacts on wildlife, 2023
- Agricultural Research Institute Collaborative Grant (co-PI)**: \$206,762 CSULB award (\$790K total budget),  
 Integrated pest management in agricultural groves, 2023-2026
- CSULB College of Natural Science & Mathematics Award**: \$265K, Vert collections improvement, 2023
- National Science Foundation Collab Research Grant (co-PI)**, \$34,421 CSULB award (\$2.6M total budget),  
 DBI Capacity: Bio Collections, 2023
- CSULB Distinguished Faculty Teaching Award**, CSU Long Beach, 2021-22 University Awards
- ORSP Summer Stipend Award**: \$4650, Wildfire Ecology, 2022
- Research, Scholarly Activity Small Faculty Grant**: \$5000, Armor Evolution, 2021
- Research, Scholarly Activity Faculty Mentoring Stipend**: \$1500, Spring 2021
- Research, Scholarly Activity Small Faculty Grant**: \$5000, Wildlife Responses to Urban Conflict, 2020
- Research and Scholarly Activities Award**: CSU Long Beach, 3 RPU's, Spring 2020
- Project HOGAR Summer Faculty Grant**: CSU Long Beach, \$4000, 2019
- Research & Scholarly Activity Faculty Summer Salary**: \$4600, Skunk Fear Project, 2018
- Animal Behavior Society Outreach Grant**: \$500 for outreach research project, 2018
- National Science Foundation Full Proposal Invitation**: Behavioral systems, 2017
- Research & Scholarly Activity Small Faculty Grant**: \$5000, Monitoring Coyote-Human Interactions, 2017
- Edison International Grant**: \$10000, Monitoring Coyote-Human Interactions, 2016
- National Science Foundation Full Proposal Invitation**: Behavioral systems, 2016
- National Science Foundation Grant**: \$1000, for travel to ISBE Meeting in England, 5/16
- ORSP Research Grant**: CSU Long Beach, \$10000, 2016
- Project HOGAR Summer Faculty Grant**: CSU Long Beach, \$4000, 2016

**National Science Foundation Travel Grant:** \$1000 for ISBE Meeting in Exeter, UK, Summer 2016  
**Early Academic Career Excellence Award:** CSU Long Beach, 2016 University Level Awards  
**Most Valuable Professor Award:** Alumni Awards, Spring 2016  
**Proposal Improvement Grant:** CSU Long Beach, 3 RPU's, \$1000, Fall 2016  
**Urban Wildlife Institute Grant:** Lincoln Park Zoo \$1000 in research equipment, Spring 2016  
**Research and Scholarly Activities Award:** CSU Long Beach, 3 RPU's, Spring 2016  
**Student Excellence Funds Award:** \$50000 for purchase of new Suburban for Biological Sciences, 2015  
**Inspirational Faculty Award:** CSULB President's Scholars Program, Spring 2015  
**Most Valuable Professor Award:** Alumni Awards, Spring 2015  
**Student Excellence Funds Award:** \$8000 for purchase of mammal specimens for CSULB collections, 2014  
**Best Overall Presentation:** AnthroTree (NSF & NESCent funded workshop), 2011  
**Distinguished Teacher Award Nominee:** University of Massachusetts, Amherst, 2009-2010  
**National Science Foundation Grant:** \$1000, for travel to Animal Behavior Society Meeting in Brazil, 3/09  
**Darwin Research Grant:** \$5000, 8/06-8/08  
**Darwin Postdoctoral Fellowship:** \$62500, Univ. of Massachusetts, Amherst: 8/06.  
**Bodega Marine Reserve Research Grant:** \$1200, 7/05.  
**Dissertation Year Fellowship:** \$30179, University of California, Davis: 7/05.  
**Humanities Research Grant:** \$1500, University of California, Davis, 4/05.  
**Block Grant:** \$15031, University of California, Davis, 1/05.  
**Bodega Marine Reserve Research Grant:** \$600, 7/04.  
**Humanities Research Grant:** \$1500, University of California, Davis, 4/04.  
**Block Grant:** \$6661, University of California, Davis, 4/04.  
**2-time Phi Beta Kappa Graduate Scholarship Finalist:** 4/04, 4/05.  
**National Science Foundation Predoctoral Research Fellowship Honorable Mention:** 2003.  
**Block Grant:** \$14862, University of California, Davis, 10/00.  
**Center for Animal Behavior Unforseen Needs Grant:** \$330, University of California, Davis, 6/02.  
**Undergraduate Research Grant:** \$750, Cornell University, 10/99.  
*Phi Beta Kappa* National Honor Society - *Theta* of New York  
*Phi Kappa Phi* National Honor Society  
**Cornell University Dean's List** (all 8 undergraduate semesters)

### Teaching Experience

#### CALIFORNIA STATE UNIVERSITY, LONG BEACH

##### **Biology 423 - Mammalogy**

Term: Fall 2013-2018, 2020-2025; Spring 2016-2018, 2020-2025

##### **Biology 312 - Evolutionary Biology**

Term: Fall 2014, 2017; Spring 2013, 2014, 2018

##### **Biology 454B/554B - Research in Tropical Terrestrial Ecology**

Term: Spring 2013, 2015

##### **Biology 452/552 - Behavioral Ecology**

Term: Fall 2015, 2016, 2018-2024; Spring 2015,

##### **Biology 350 - General Ecology**

Term: Fall 2012, Spring 2014

##### **Biology 665 - Seminar in Ecology**

Term: Spring 2016, 2018, Fall 2025

#### HARVARD UNIVERSITY

##### **Human Evolutionary Biology 1310 - Hormones and Behavior**

Head Teaching Fellow  
Term: Spring 2011, Spring 2012

**Life Sciences 2 – Evolutionary Human Physiology and Anatomy**  
Head Teaching Fellow  
Term: Fall 2010, Fall 2011

**UNIVERSITY OF MASSACHUSETTS – AMHERST**

**Biology 548 – Mammalogy**  
Instructor  
Term: Spring 2009, Guest Lecturer Spring 2010

**Biology 287 – Introductory Ecology**  
Instructor  
Terms: Fall 2008, Fall 2009, Spring 2010

**Biology 312 – Writing in Biology**  
Instructor  
Terms: Fall 2008, Spring 2009, Fall 2009, Spring 2010

**Biology 280 – Evolution: Diversity of Life Through Time**  
Co-instructor (with Prof. Margery Coombs)  
Terms: Fall 2006, Fall 2007, Guest Lecturer Spring 2009

**Organismic & Evolutionary Biology 697B – Ecology and Evolutionary Biology**  
Instructor/Course Leader  
Terms: Fall 2006, Fall 2007

**Organismic & Evolutionary Biology 697Y – Graduate Student Seminar Series**  
Instructor/Course Leader  
Terms: Spring 2007, Spring 2008

**Biology 550 – Animal Behavior**  
Guest Lecturer (2 lectures)  
Term: Fall 2006

**Graduate Student Mentoring Presentations:**  
“How to Succeed as a Graduate Student” (9/06, 9/07)  
“How to Build a Professional Powerpoint Presentation” (9/06, 9/07)  
“Navigating your Qualifying Exam: Tips, Advice, and the Jedi Mind Trick” (4/08)

**HAMPSHIRE COLLEGE**

**Cognitive Science 112 – Basic Animal Behavior Theory**  
Instructor  
Term: Fall 2009

**UNIVERSITY OF CALIFORNIA – DAVIS**

**Graduate Teaching Course: “Putting First Years on the Fast Track”**  
Lecturer (1 lecture each term)  
3 Terms: Spring 2004, Winter 2005, Winter 2006; Course Organizer & Leader: Dr. Gail Patricelli

**Biological Sciences 1B: Introduction to Zoology Laboratory**  
Associate Instructor / Academic Coordinator

3 Terms: Summer 2003, Summer 2004; Summer 2006; Instructor: Dr. Pat Randolph

### **Teaching Assistantships**

Biological Sciences 1B: Introduction to Zoology Laboratory (8 terms)  
 Evolution and Ecology 100: Evolution (1 term)  
 Psychology 101: Psychobiology (1 term)  
 Psychology 155: Environmental Awareness (1 term)  
 Psychology 100: Cognitive Psychology (1 term)

### **Research Mentorship (number of units in parentheses)**

#### **CALIFORNIA STATE UNIVERSITY, LONG BEACH**

Completed M.S. Student Theses as Major Advisor: Holly Schiefelbein (Su 2016), Caitlin Fay (Sp 2017), Kimberly Fisher (Fall 2017), Victoria Mann (Sp 2018), Rita Collins [now Peregrin Reed] (Sp 2018), Hannah Walker (Fall 2018), Katrina Cazel (Sp 2021), Kathy Vo (Sp 2021), Caitlin Stapp (Fall 2021), Max Amaya (Winter 2021), Nicole Lopez (Sp 2022), Hannah Rabitoy (Su 2022), Jordan Rodriguez (Winter 2023), Erin Weiner (Sp 2024), Emily Blackwell (Fall 2024). [*Current M.S. Students: Kelly Hood, Mackenzie Clark, Sarah Heimbach, Patrick Douglas, Mikaela Williams*]

BIOL 698: Holly Schiefelbein (6), Caitlin Fay (6), Hannah Walker (6), Rita Collins (6), Kimberly Fisher (6), Victoria Mann (6), Kathy Vo (6), Max Amaya (6), Katrina Cazel (6), Hannah Rabitoy (6), Nicole Lopez (6), Caitlin Stapp (6), Kelly Hood (6), Jordan Rodriguez (6), Erin Weiner (6), Emily Blackwell (6), Chelsey Hunts (3), Mackenzie Clark (2), Sarah Heimbach (6)

BIOL 697: Holly Schiefelbein (2), Caitlin Fay (2), Hannah Walker (5), Rita Collins [now Peregrin Reed] (7), Kimberly Fisher (4), Victoria Mann (2), Max Amaya (1), Caitlin Stapp (3), Nicole Lopez (2), Jordan Rodriguez (3), Kelly Hood (2), Hannah Rabitoy (2), Katrina Cazel (1), Erin Weiner (4), Emily Blackwell (2), Chelsey Hunts (3), Mackenzie Clark (1), Sarah Heimbach (1), Patrick Douglas (6)

BIOL 496: Doreen Cabrera (6), Lisa Campbell (2), Matt Kresky (2), Nicholas Fedorko (3), Julie McNamara (1), Trevor Stameisen (1), Rabah Rabah (3), Victoria Luce (3), Elan Carnahan (3), Ashly Romero (3), Rosanna Calderon (2), Jennifer Martin (3), Colin Stensrud (3), Earnest Chae (3), Renee Stewart (2), Elizabeth Herrera (1), Chika Okeke (3), Michael Roberts (1), Eliza McLean (3), Nicole Lopez (3), Michelle Ho (1), Hana Raees (3), Lizbeth Jardon (3), Jonathon Moore-Tupas (3), Leslie Romero (3), Amber Hatchell (3), Jazmin Esparza (3), Mariana Leyva (3), Megan Wickersheim (2), Alec Fogy (3), Annika Henry (2), Emily Spurgeon (2), Alexander Avalos (3), Michelli Chai (3), Brynn Sablan (4), Haley Pang (3), Anthonia Wright (3), Brandyn Noel (1), Adeline Adney (2), Jose Brito (2), Sharon Kim (2), Yasmine Medina (3), Billy Ransdell (2), Brianna Riley (1), Brianna Baeza (1), Jacqueline Gonzalez (1), Juie Mena (1), Anjelika Mendoza (1)

BIOL 296: Earnest Chae (1), Hana Raees (1), Alec Fogy (1), Billy Ransdell (1), Yasmin Medina (1), Edward Dao (1), Nilima Jackson (1), Sharon Kim (1)

BRIDGES to the PhD: Sarah Heimbach (active)

RISE: Kathy Vo (M.S.), Nicole Lopez (M.S.), Lizbeth Jardon (B.S.)

MARC (B.S.): Nicole Lopez, Mariana Leyva, Alexander Avalos

LSAMP: Doreen Cabrera, Michelle Ho, Rosanna Calderon

University Honors: Chika Okeke, Colin Stensrud, Jonathon Moore-Tupas, Leslie Romero, Mariana Leyva, Alexander Avalos, Michelli Chai, Brynn Sablan (active)

### **Leadership & Service**

**Associate Chair**, Dept. of Biological Sciences, CSULB 2019-26 (elected for 7 1-yr terms)

**Executive Council**, Dept. of Biological Sciences, CSULB, 2019-26

**CNSM Professional Leave Committee**, CSULB 2025-26

**Animal Behavior Society: Safe Behavior Committee Review Committee**, 2025

**University of New South Wales PhD Thesis Examiner**, Georgia Badgery, 2025

**Retention, Tenure, & Promotion Committee**, Dept. of Biological Sciences, CSULB, 2024-25

**University Academic Appeals Committee (AAC)**, CSULB, 2024-27

**University Faculty Personnel Policies Council (FPPC)**, CSULB 2024-25

SoCal Wildlife Confiscations Network (Association of Zoos and Aquariums), Member, Vetting Committee, 2019-present

Urban Ecologist Search Committee co-Chair, CSULB, 2023-24

Vertebrate Collections Manager Search Committee Chair, CNSM, CSULB, 2023

CNSM University Awards Committee Chair, CSULB 2023-24

Animal Behavior Society Executive Committee (2021-23)

Animal Behavior Society: Program Officer-Elect (2021-22), Program Officer (2022-23), (Elected position)

Panel on Professional Responsibility, University Academic Senate, CSULB, 2022-2025

NSF Grant Panel (Behavioral Systems), 2022

Department Coordinator Search Committee, Dept of Biological Sciences, CSULB, 2022

University Campus Academic Calendar Committee co-Chair (CACC), Academic Senate, CSULB, 2021-23

University Campus Academic Calendar Committee (CACC), University Academic Senate, CSULB, 2021-24

Office Manager Search Committee, Dept. of Biological Sciences, CSULB, 2022

CNSM Beach Mentor Community Leader, CNSM, 2021-23 (4 cohorts)

CNSM Professional Leave Committee, CSULB 2020-21

NSF Grant Panel (Behavioral Systems), 2020

Animal Behavior Society 2020 Virtual Meeting Mentor (2020)

CNSM College Awards Committee Chair, CSULB 2019-20

Retention, Tenure, & Promotion Committee, Dept. of Biological Sciences, CSULB, 2019-20

CNSM College Election Committee Member, CNSM, CSULB 2019-20

Southern CA Academy of Sciences Board Member (Elected) & Membership Coordinator, 2018-2021

Terrestrial Vertebrate Zoologist Search Committee Co-Chair, Dept of Biological Sciences, CSULB, 2017-18

University Campus Academic Calendar Committee Chair (CACC), Academic Senate, CSULB, 2017, 2018

*Ad Hoc* Lecturer Evaluation Committee, Department of Biological Sciences, CSULB, 2017

Animal Behavior Society Annual Meeting Founder's Poster Judge, Toronto, CANADA, Summer 2017

Animal Behavior Society Annual Meeting Session Moderator, Toronto, CANADA, Summer 2017

Science Learning Center Task Force Member, CNSM, CSULB, 2016-2018

Graduate Studies Committee, Department of Biological Sciences, CSULB, 2016-18

University Campus Academic Calendar Committee (CACC), University Academic Senate, CSULB, 2015-18

MARC Internal Advisory Committee, CSULB, 2017

College Grade Appeals Committee Chair, CNSM, CSULB, 2015-16

Southern CA Academy of Science Annual Meeting - Jr. Academy Judge, Los Angeles, CA, Spring 2016

Animal Behavior Society Annual Meeting Session Moderator, Anchorage, AK, Summer 2015

Faculty Research Symposium Committee, CNSM, CSULB, 2015

College Election Committee Member, CNSM, CSULB, 2015-16

Curriculum and Advising Committee Secretary, CSULB, Department of Biological Sciences, Fall 2014

Curriculum and Advising Committee Member, CSULB, Department of Biological Sciences, Fall 2014

Department Grade Appeals Committee Member, CSULB, Department of Biological Sciences, 2014-16

Animal Behavior Society Annual Meeting Session Moderator, Anchorage, AK, Summer 2015

Meeting of the International Soc. for Behavioral Ecology Session Moderator, New York, NY, Summer 2014

Animal Behavior Society Annual Meeting Session Moderator, Princeton, NJ, Summer 2014

Animal Behavior Society Annual Meeting Allee Competition Judge, Boulder, CO, Summer 2013

Animal Behavior Society Annual Meeting Session Moderator, Boulder, CO, Summer 2013

Southern CA Academy of Science Annual Meeting - Jr. Academy Judge, Long Beach, CA, Spring 2013

Sigma Delta Epsilon Graduate Women in Science National Fellowships, Proposal Review, Spring 2013

National Park Service Deer Management Science Team: Fire Island National Seashore, NY

Board Member: International Network for the Study of Predator-Prey Interactions

Animal Behavior Society Annual Meeting Session Moderator, Williamsburg, VA, Summer 2010

Society for the Study of Evolution Annual Meeting Session Moderator, Portland, OR, Summer 2010

Animal Behavior Society Student Research Grant Competition, Proposal Review, Spring 2010, 2012

OEB Thursday Lunch Discussion Group, Leader, Univ. Massachusetts-Amherst, Spring 2008

Darwin Postdoctoral Fellowship Search Committee, Univ. Massachusetts-Amherst, 01/08-04/08

Invited Speaker for High School Science Classes, La Habra High School, La Habra, CA, 12/96-current

"Watch It Don't Squash It" Afterschool Youth Program, UCD/Sacramento, California, 9/05 - 6/06

Animal Behavior Graduate Group New Student Orientation Guide, Editor, UC Davis, California. 2001-05.

**Adaptation and Evolution Reading Group, Organizer**, UC Davis, California. 12/02 – 6/02.  
**Undergraduate Biology Advising Steering Committee**, Div. of Biological Sciences, Cornell Univ.  
**Undergraduate Biology Student Advisor**, Div. of Biological Sciences, Cornell Univ. 5/98 – 5/00

### Symposia, Workshops, and Continuing Education

- 2023: Participant:** “ABS Allies Program”; Annual Meeting of the Animal Behavior Society, Portland  
**2022: Participant:** “ABS Allies Program”; Annual Meeting of the Animal Behavior Society, Costa Rica  
**2021: Participant:** “Beach Mentor Community” – Certificate Completed (6.5 hrs), CSULB  
**2021: Participant:** “Beach Mentor Advancing Inclusive Mentoring” – Course Completed (6 hrs), CSULB  
**2020: Participant:** “BOLT Faculty Learning Community – Transitioning to Virtual Courses” CSULB  
**2020: Participant:** “Incorporating Active Learning into Online Teaching”; SI Happy Hour, CSULB  
**2019: Participant:** “Urban Wildlife Information Network Summit”; Lincoln Park Zoo, Chicago, IL  
**2019: Participant:** “HyFlex Course Design”; ATS Speaker Series, CSULB (11/15/19)  
**2019: Participant:** “Concrete Strategies for Inclusive Teaching” Webinar; Summer Institutes on Scientific Teaching (10/21/19)  
**2018: Participant:** “Practical Ways to Engage Students in their Own Learning” Workshop at CSULB  
**2016: Lead organizer:** Variation in Aposematic Coloration Workshop; Antipredator Coloration Symposium of *Annual Meeting of the International Society for Behavioral Ecology* (8/08; Falmouth, UK)  
**2016: Participant:** Writing Department of Defense Proposals Workshop; Grant Training Center  
**2015: Participant:** CNSM Faculty Grant Workshop at CSULB  
**2014-15: Participant** in the Science for the Masses media training workshop at CSULB  
**2013-14: Participant** in the Faculty Learning Community at CSULB  
**2013-14: Trained in Wild Carnivore** capture and handling techniques with Dr. Deana Clifford (CA-DFW)  
**2013: Participant** in TWO workshops on Active Learning in the Active Learning classrooms at CSULB  
**2013: Participant** in the Social Learning workshop at CSULB  
**2011: Participant** in the AnthroTree Workshop (Comparative Phylogenetics using *R*) at UMass Amherst  
**2011: Participant** in the Sexual Selection Symposium at Columbia University, New York, NY, USA  
**2010: Participant** in Museum Collections Preparation Course at UMass Amherst (Instructor: Dr. Alan Richmond); gained natural history museum **curatorial skills: preparing study skins, using *Dermestes* beetles, skeleton cleaning, cataloging**  
**2010: Participant** in workshop on strategies for teaching grammar in professional writing courses at UMass Amherst; sponsored by the UMass Center for Writing  
**2009: Participant** in Wildlife Techniques Workshop by the Student Section of the Wildlife Society; gained experience with **traditional navigation, radiotelemetry, live-trapping, net guns, and dart guns.**  
**2009: Participant** in workshop on Relaxed Selection at the National Evolutionary Synthesis Center  
**2008: Lead organizer** of post-conference symposium at the *Annual Meeting of the International Society for Behavioral Ecology* (8/08; Ithaca, NY) entitled: “Decision-making during predator-prey encounters – identifying transformative research in antipredator behavior”  
**2004: Group leader** of the Novel Predators/Prey working group at the *Human Induced Rapid Environmental Change* Workshop for the Center of Animal Behavior at the Univ. California Davis. (Organizer: A. Sih)  
**2002: Group leader** of the evolution working group at the *Behavioral Syndromes* Workshop for the Center of Animal Behavior at the Univ. California Davis. (Organizer: Andy Sih)

### Membership in Professional Societies

**Animal Behavior Society**  
**American Society of Mammalogists (Lifetime Member)**  
**International Society of Behavioral Ecology**  
**Society for the Study of Evolution**  
**The Ecological Society of America**  
**Southern California Academy of Sciences**  
**Western Section of the Wildlife Society**

### Peer Review Contributions

*Science, Scientific Reports, Nature Communications, National Science Foundation, Trends in Ecology and Evolution, F1000Research, Biological Reviews, PLoS ONE, Proceedings of the Royal Society B, Philosophical Transactions of the Royal Society B, American Naturalist, Ecology Letters, Evolution, Biology Letters, eLife, Behavioral Ecology, Behavioral Ecology & Sociobiology, Animal Behaviour, Behavioural Processes, Ethology, Behaviour, Animal Cognition, Oecologia, Canadian Journal of Zoology, Journal of Ethology, Ecological Applications, Biological Conservation, Biological Journal of the Linnean Society, Journal of Applied Ecology, Journal of Evolutionary Biology, Frontiers in Behavioral Neuroscience, Frontiers in Ecology & Evolution, Research Council of Norway, Macquarie University, Ecology and Evolution, Animal Conservation, Journal of Morphology, Journal of Mammalogy, Mammal Research, Journal of Animal Ecology, Ecological Research, Journal of Wildlife Management and Wildlife Monographs, Journal of Zoology, Caribbean Journal of Science, European Journal of Wildlife Research, Naturwissenschaften, Wildlife Research, Acta Theorologica, Acta Ethologica, Herpetologica, Rangifer, Ursus, American Midland Naturalist, Journal of Arid Environments, Northeastern Naturalist, Bird Behavior, Ecography, Folia Zoologica, South African Journal of Wildlife Research, African Journal of Ecology, Arctic Antarctic & Alpine Research*