

Eric Matthew Wood

California State University Los Angeles
5151 State University Drive
Los Angeles, California, USA 90032

email: ericmwood@calstatela.edu
Phone: 001 323 343 2055
Website: www.ericmwood.org

Professional Experience

- Sept 2021 – present Associate Professor, Biological Sciences Department, College of Natural and Social Sciences, California State University Los Angeles
- Aug 2023 - present Director, Urban Ecology Center, College of Natural and Social Sciences, California State University Los Angeles
- Aug 2015 – Sept 2021 Assistant Professor, Biological Sciences Department, College of Natural and Social Sciences, California State University Los Angeles
- April 2019 – present Research Associate, Natural History Museum of Los Angeles County. Department of Ornithology
- Jan 2014 – Jan 2017 Honorary Fellow, Department of Forest and Wildlife Ecology, University of Wisconsin-Madison
- Feb 2014 – July 2015 Postdoctoral Quantitative Ecologist, Conservation Sciences Program. Cornell Lab of Ornithology, Cornell University, Ithaca, New York, USA. Mentor: Amanda D. Rodewald
- Sep 2011 – Jan 2014 Postdoctoral Research Associate, Spatial Analysis for Conservation, University of Wisconsin-Madison, Department of Forest and Wildlife Ecology, Madison, Wisconsin, USA. Mentors: Anna M. Pidgeon, Volker C. Radeloff, Curtis H. Flather
- Jan 2007 – May 2011 Research Assistant, Spatial Analysis for Conservation, University of Wisconsin-Madison, Department of Forest and Wildlife Ecology, Madison, Wisconsin, USA. Advisor: Anna M. Pidgeon

Education

- Jan 2007 – May 2011 University of Wisconsin, Madison. Ph.D.
Forest and Wildlife Ecology
- Jun 2004 – Dec 2006 Humboldt State University. M.S.
Wildlife Ecology
- Jun 2004 – Dec 2006 Humboldt State University. Professional Certificate.

Remote Sensing and GIS
Sep 1996 – Dec 2001 California Polytechnic State University-San Luis Obispo. B.S.
Biological Sciences

Publications

(*California State University Los Angeles student)

- 45 Benitez, C.*, M. Beland, S. Esaian*, **E.M. Wood**. High-resolution remote sensing data predicts avifaunal community structure in an urban ecosystem. **Remote Sensing of Environment**, *in review*
- 44 Lewthwaite, J. M. M., T. M. Baiotto, B. V. Brown, T. T. Cheung, A. J. Baker, C. Lehnen, T. P. McGlynn, V. Shirey, **E. M. Wood**, L. M. Guzman. Drivers of insect biodiversity in an urban ecosystem. **Scientific Reports**, *in review*
- 43 Silveira, E, A. Anand, A. Pidgeon, **E. Wood**, R. Buron, A. Bar-Masada, L. Farwell, B. Zuckerberg, V. Radeloff. Scalogram habitat measures as predictors of bird abundance. **Ecography**, *in review*
- 42 Romolini, M, S. S. Parker, G. B. Pauly, **E. M. Wood**. Editorial: Supporting the “virtuous cycle” in urban ecosystems: how research can inform plans, policies, and projects that impact urban resilience. *Frontiers in Sustainable Cities*. 5:1257069.
- 41 **Wood, E. M.**, S. Esaian*, C. Benitez*, P. J. Ethington, T. Longcore, L. Y. Pomara. Historical redlining practices are associated with present-day urban bird communities, their habitat, and the people who may experience them. **Ornithological Applications**, *in press*
- 40 Week, T. L., M. G. Betts, M. Pfeifer, C. Wolf, C. Banks-Leite, L. Barbaro, J. Barlow, A. Cerezo, C. M. Kennedy, U. G. Kormann, C. J. Marsh, Pieter. I. Oliver, B. T. Phlanan, H. P. Possingham, **E. M. Wood**, J. A. Tobias. Dispersal traits shaped by climatic gradients predict global impacts of forest fragmentation. **Nature Communications**, 7:1079-1091.
- 39 Coffey, J. E.*, L. Y. Pomara, H. L. Mackey*, **E.M. Wood**. 2023. The effects of invasive giant reed (*Arundo donax*) removal on butterfly and bird communities. **Journal of Wildlife Management**, 4:e22380
- 38 Smallwood, N. L.*, and **E. M. Wood**. 2023. The ecological role of native plant landscaping in residential yards to birds during the nonbreeding period. **Ecosphere**, 14:e4360. <https://doi.org/10.1002/ecs2.4360>.
- 37 Smallwood, N. L.*, and **E. M. Wood**. 2022. Native-plant landscaping in residential yards provides habitat and refuge for birds in Southern California. **Western Tanager** 89:1-4.
- 36 Vasquez, A. V*., and **E. M. Wood**. 2022. Urban parks are a refuge for birds in park-poor areas of cities. **Frontiers in Ecology and Evolution - Urban Ecology**, 10, <https://doi.org/10.3389/fevo.2022.958572>
- 35 Vourlitis, G.L., van der Veen, E.L., Cangahuala, S., Jaeger, G., Jensen, C., Fissore, C., **Wood, E.M.**, Abraham, J.K., Whittemore, K.S., Slaven, E. and VanOverbeke, D., 2022. Examining Decomposition and Nitrogen Mineralization in Five Common Urban Habitat Types across Southern California to Inform Sustainable Landscaping. **Urban Science**, 6, 61-68.

- 34 de Souza Amorim, D., Brown, B.V., Boscolo, D., Ale-Rocha, R., Alvarez-Garcia, D.M., Balbi, M.I., de Marco Barbosa, A., Capellari, R.S., de Carvalho, C.J.B., Couri, M.S. and de Vilhena Perez Dios, R., **E.M. Wood**. 2022. Vertical stratification of insect abundance and species richness in an Amazonian tropical forest. *Scientific reports*, 12(1), pp.1-10.
- 33 Gavish, Y., **Wood, E.M.**, Martinuzzi, S., Pidgeon, A.M. and Bar-Masada, A., 2021. Effects of bird species-level environmental preference on landscape-level richness-heterogeneity relationships. *Basic and Applied Ecology*, 56, pp.379-391.
- 32 Cooper, D.S., **E.M. Wood**, N.D. Katz, K. Superfisky, F.M. Osborn, A. Novoselov, J. Tarczynski, L.K. and Bacasen. 2021. Large Cities Fall Behind in "Neighborhood Biodiversity". *Frontiers in Conservation Science*, 2, p.734931.
- 31 Zellmer, A. **E.M. Wood**, T. Surasinghe, B. Putman, G. Pauly, S. Magle, J. Lewis, C. Kay, and M. Fidino. 2020. What can we learn from wildlife sightings during the COVID-19 global shutdown. *Ecosphere* 11:e03215.10.1002/ecs2.3215
- 30 **Wood, E. M.** and S. Esaian*. 2020. The importance of street trees to urban avifauna. *Ecological Applications* 30:e02149. doi:10.1002/eap.2149
- 29 Watling, J. I, M. Pfeifer, V. Arroyo-Rodriguez, C. Banks-Leite, L. M. Cisneros, T. Lachat, B. Lander, I. R. Leal, L. Lens, H. P. Possingham, D. C. Raheem, D. B. Ribeiro, E. M. Slade, J. N. Urbina-Cardona, **E. M. Wood**, and L. Fahrig. Support for the habitat amount hypothesis from a global synthesis of species density studies. *Ecology Letters*. 23:674-681.
- 28 Betts, M. G, C. Wolf, M. Pfeifer, C. Banks-Leite, V. Arroyo-Rodríguez, D. Bandini Ribeiro, J. Barlow, F. Eigenbrod, D. Faria, R. J. Fletcher Jr., A. S. Hadley¹, J. E. Hawes, R. D. Holt, B. Klingbeil, U. Kormann, L. Lens, T. Levi, G. F. Medina-Rangel, D. Mezger, J. Carlos Morante-Filho, D. Orme, C. A. Peres, B. T. Phalan, A. Pidgeon, H. Possingham, W. J. Ripple, E. M. Slade, E. Somarriba, J. Tobias, J. M. Tylianakis, J. N. Urbina-Cardona, J. J. Valente, J. I. Watling, K. Wells, O. R. Wearn, **E. M. Wood**, R. Young, R. M. Ewers. 2019. Extinction filters and geographical variation mediate the effects of habitat fragmentation on animals. *Science*. 366:1236-1239.
- 27 Pegan, T. M., E. R. Gulson-Castillo, A. Biun, J. I. Byington, R. G. Moyle, F. Tuh Yit Yu, **E. M. Wood**, D. W. Winkler, and F. H. Sheldon. 2018. An assessment of avifauna in a recovering lowland forest at Kinabalu National Park, Malaysian Borneo. *Raffles Bulletin and Zoology* 66:110-131
- 26 McNeil Jr, D.J., J. L. Larkin, J. Duchamp, C. Fiss, M. Bakermans, and **E. M. Wood**. 2018. Using a natural reference system to evaluate songbird habitat restoration. *Avian Conservation and Ecology* 13:22. <https://doi.org/10.5751/ACE-01193-130122>
- 25 Johnson, M. D. and **E. M. Wood**. 2018. 'Habitat ecology', pages 658-612 in *Ornithology: Foundation, Critique, and Application*. editors: M. L. Morrison, A. D. Rodewald, G. Voelker, J. F. Prather, and M. R. Colón (book chapter).
- 24 Pfeifer M, Lefebvre V, Wearn OR, Marsh CJ, Banks-Leite C, Tylianakis J, Peres C, Arroyo-Rodriguez V, Cisneros L, Fariah D, Klingbeil B, Kormann U, Olivier P, Ribeiro DB, Struebig M, Urbina-Cardona N, van Aarde R, Watling JI, **Wood, EM**, Zeh XX, Ewers RM. 2017. Global creation of forest edges has a near-universal impact on forest vertebrates. *Nature* 551:187-191

- 23 **Wood, E. M.**, S. E. Barker, W. M. Hochachka, R. W. Rohrbaugh, K. V. Rosenberg, and A. D. Rodewald. 2017. An improved survey methodology for monitoring population trends of the Golden-winged Warbler and other patchily distributed birds. *Journal of Field Ornithology* 88: 387-398.
- 22 Greig, E. I., **E. M. Wood**, D. N. Bonter. 2017. Winter range expansion of a hummingbird is associated with urbanization and supplemental feeding. *Proceedings of the Royal Society B*. 284: 20170256.
- 21 Winkler, D.W., T. M. Pegan, E. R. Gulson-Castillo, J.I. Byington, J. P. Hruska, S. Orzechowski, B.M. Van Doren, E. Greig, and **E.W. Wood**. 2017. Collecting the complete specimen package: student-led expeditions as an educational and collections-building enterprise. Pp. 135–148 in: Webster, M. (ed.) The Extended Specimen: Emerging Frontiers in Collections-Based Ornithological Research. *Studies in Avian Biology*
- 20 Dayer, A. A., A. D. Rodewald, R. C. Stedman, E. A. Cosbar, and **E. M. Wood**. 2016. Wildlife conservation and private protected areas: the discrepancy between land trust mission statements and their perceptions. *Environmental Management* 58:359-364.
- 19 **Wood, E. M.**, S. E. Barker, W. M. Hochachka, R. W. Rohrbaugh, K. V. Rosenberg, and A. D. Rodewald. 2016. Intermediate habitat associations by hybrids may facilitate genetic introgression in a songbird. *Journal of Avian Biology* 47:508-520.
- 18 **Wood, E. M.** and A. M. Pidgeon. 2015. Extreme variations in spring temperature affect ecosystem regulating services provided by birds during migration. *Ecosphere* 6:216-224.
- 17 **Wood, E. M.**, A. M. Pidgeon, V. C. Radeloff, P. D. Culbert, N. S. Keuler, and C. H. Flather. 2015. Long-term avian community response to housing development at the boundary of U.S. protected areas: effect size increases with time. *Journal of Applied Ecology* 52:1227-1236.
- 16 **Wood, E. M.** and J. L. Kellerman, Editors. *Studies in Avian Biology* (no. 47). 2015. 'Phenological synchrony and bird migration: changing climate and seasonal resources in North America' (Book)
- 15 **Wood, E. M.**, and A. M. Pidgeon. 2015. Climatic extremes influence spring tree phenology and migratory songbird foraging behavior. Pp. 117–131 in E. M. Wood and J. L. Kellermann (editors), Phenological synchrony and bird migration: changing climate and seasonal resources in North America. *Studies in Avian Biology* (no. 47), CRC Press, Boca Raton, FL
- 14 **Wood, E. M.**, J. S. Brandt, A. M. Pidgeon, and V. C. Radeloff. 2015. Occupancy-habitat associations and tree-species use patterns by breeding birds in Tibetan sacred forests. *Biodiversity and Conservation* 24:129-148.
- 13 Pidgeon, A. M., C. H. Flather, V. C. Radeloff, C. A. Lepczyk, **E. M. Wood**, S. I. Stewart, and R. B. Hammer. 2014. Systematic temporal patterns in the relationship of housing development with forest bird biodiversity. *Conservation Biology* 28:1291-1301.

- 12 **Wood, E. M.**, A. M. Pidgeon, V. C. Radeloff, D. Helmers, P. D. Culbert, N. S. Keuler, and C. H. Flather. 2014. Housing development erodes avian community structure in U.S protected areas. *Ecological Applications* 24:1445-1462.
- 11 Pfeifer M, Lefebvre V, Baeten L, Banks-Leite C, Betts M, Brunet J, Cerezo A, Cisneros L, Coomes D, D’Cruze N, Duguay S, Eigenbrod F, Hadley A, Hanson TR, Hawes J, Heartsill T, Klingbeil B, Kolb A, Kormann U, Lachat T, Lantschner V, Laurance B, Lens L, Lugo A, Marsh C, Medina-Rangel G.F., Melles S, Mezger D, Owen C, Phalan B, Pidgeon A, Possingham H, Raheem D, Ribeiro DB, Robinson D, Robinson R, Rytwinski T, Scherber C, Slade E, Somarriba E, Stouffer P, Struebig MJ, Tylianakis J, Tschardt T, Urbina Cardona JN, Vasconcelos H, Wells K, Willig M, **Wood E.M.**, Young R.P., Bradley A, Ewers R,. 2014. BIOFRAG – A new database for analyzing biodiversity response to forest fragmentation. *Ecology and Evolution* 4:1524-2537.
- 10 Bar Masada, A., and **E. M. Wood**. 2014. The richness – heterogeneity relationship differs between heterogeneity measures and analysis scales. *Ecography* 37:528-535.
- 9 **Wood, E. M.**, M. D. Johnson, R. D. Jackson, A. M. Pidgeon, and B. A. Garrison. 2013. Avian community use and occupancy of California oak savanna. *The Condor* 115:712-724.
- 8 Brandt, J. S., **E. M. Wood**, L. Han, Z. Fang, A. M. Pidgeon, and V. C. Radeloff. 2013. Sacred forests are keystones structure for forest bird conservation in southwest China’s Himalayan Mountains. *Biological Conservation* 166:34-42.
- 7 **Wood, E. M.**, A. M. Pidgeon, N. S. Keuler, and V. C. Radeloff. 2013. Image texture predicts bird density and species richness. **PLoS ONE** e63211.doi:10.1371/journal.pone.0063211.
- 6 Burnham, J. W. III., and **E. M. Wood**. 2012. Woolly-necked Stork (*Ciconia episcopus*) at Napahai wetland, Yunnan, China. *Forktail* 28:158-159.
- 5 **Wood, E. M.**, A. M. Pidgeon, D. J. Mladenoff, and F. Liu. 2012. Birds see the trees inside the forest: the potential impacts of changes in forest composition on songbirds during spring migration. *Forest Ecology and Management* 280:176-186.
- 4 **Wood, E. M.**, A. M. Pidgeon, V. C. Radeloff, and N. S. Keuler. 2012. Image texture as a remotely sensed measure of vegetation structure. *Remote Sensing of Environment* 121:516-526.
- 3 Bar Masada, A., E. M. Wood, A. M. Pidgeon, and V. C. Radeloff. 2012. Complex effects of scale on the relationships of landscape pattern versus avian species richness and community structure in a woodlands savanna mosaic. *Ecography* 35:393-411.
- 2 **Wood, E. M.**, A. M. Pidgeon, C. Gratton, T. T. Wilder. 2011. Effects of oak barrens habitat management for Karner blue butterfly (*Lycaeides samuelis*) on the avian community. *Biological Conservation* 144:3117-3126.
- 1 **Wood, E.M.**, M.D. Johnson, and B.A. Garrison. 2010. Quantifying bird-habitat using a relevé method. *Transactions of the Western Section of the Wildlife Society* 46:25-41.

Manuscripts in preparation (*fully drafted only*)

- 10 Lyon, S.* and E. M. Wood, P. Ethington, L. Hall, S. Safran. A. Shultz, and T. Longcore. The effects of over a century of urbanization on the avifauna of the Los Angeles Basin. Intended for submission to ***Global Change Biology***
- 9 Larramendy, P.* L. Hall., E.M Wood. The influence of drought on the avifauna of an island archipelago. Intended for submission to ***Diversity and Distributions***
- 8 Ewing, B.*, E.M. Wood. A. E. Martinez. Changes in avian community mobbing responses along an urban-rural gradient in southern California. Intended for submission to ***Behavioral Ecology***
- 7 Bockrath, R.E.*, E. J. Questad, K. Selm, K. W. M. Wood, E. S. C. Scordato. Avian community nestedness and turnover differ between habitats in a complex urban agroecosystem. Intended for Submission to ***Ecosphere***
- 6 Howes. B, M. G. Betts, M. Pfeifer, C. Wolf, C. Banks-Leite, L. Barbaro, J. Barlow, A. Cerezo, C. M. Kennedy, U. G. Kormann, C. J. Marsh, Pieter. I. Oliver, B. T. Phlanan, H. P. Possingham, E. M. Wood, J. A. Tobias. Global variation in habitat thresholds for bird community persistence. Intended for submission to ***Nature Communications***
- 5 Taylor, R. D. and **E. M. Wood**. Ecological response of a restored high-desert river to historic flooding: Resilience in the context of management, land-use legacy, and a changing climate. Intended for submission to ***Ecological Applications***
- 4 Chou, L.*, and **E. M. Wood**. Historical redlining is linked with modern patterns of urban forest diversity and density in California cities. Intended for submission to ***Landscape and Urban Planning***
- 3 Xu, A*., K. Delaney, M. Mendelsohn, S. Riley, M. Wittier, and **E.M. Wood**. The effects of a megafire on bird and butterfly communities in the Santa Monica Mountains, California. Intended for submission to ***Fire Ecology***
- 2 King. C* and **E.M. Wood**. Effects of a half century of suburban development on bird diversity and abundance patterns in coastal southern California. Intended for submission to ***Bulletin of the Southern California Academy of Sciences***
- 1 Mackey. H*., J. Coffey*, L. Y. Pomara, and **E.M. Wood**. The effects of land cover and invasive plant species on the bird and butterfly communities along the Rio Grande/Bravo, Big Bend National Park, Texas. Intended for submission to ***Landscape Ecology***

Reports

(*California State University Los Angeles student)

- 10 Ethington. P. T. Longcore. J. Alvarez, A Baniaga, D Bram, J Cordero, W. Deverell, D. Gandy, T. Longcore B, MacDonald, J. McCormack, M. Teutimez, M, Vestuto, S. P. Wechsler, J. P. Wilson, **E. Wood**. N. Zappia. 2023. Los Angeles Landscape History. Historical Ecology of the LA Region. Haynes Foundation.
- 9 **Wood, E. M.** Bird, insect, and habitat surveys of the Bowtie Wetlands Demonstration Project Site, and adjacent reference areas, Summer 2023. 2023. A Report to California

State Parks and The Nature Conservancy. (*students in my lab collected data for report)

- 8 Mackey. H*, J. Coffey*, L. Y. Pomara, and **E.M. Wood**. 2018. Classification of land cover and vegetation in the floodplain of the Rio Grande, Big Bend National Park, Texas and adjacent Mexican floodplain 2018 Technical Report, National Park Service, Big Bend National Park, Texas
- 7 Mackey. H*, J. Coffey*, L. Y. Pomara, and **E.M. Wood**. 2018. A spatial model of Yellow-billed Cuckoo (*Coccyzus americanus*) habitat occupancy in the floodplain of the Rio Grande 2018 Technical Report, National Park Service, Big Bend National Park, Texas.
- 6 Coffey, J*, H. Mackey*, L. Y. Pomara, and **E.M. Wood**. 2018. Bird and butterfly community response to large-scale invasive plant removal and native plant restoration in desert riparian habitat along the Rio Grande/Bravo, Big Bend National Park, Texas. 2017 Annual Report, National Park Service, Big Bend National Park, Texas.
- 5 Mackey. H*, J. Coffey*, L. Y. Pomara, and **E.M. Wood**. 2017. Bird and butterfly community response to large-scale invasive plant removal and native plant restoration in desert riparian habitat along the Rio Grande/Bravo, Big Bend National Park, Texas. 2016 Annual Report National Park Service, Big Bend National Park, Texas.
- 4 Pomara, L. Y. and **E. M. Wood**. 2018. Black-capped Vireo Survey, 2017 Annual Report, National Park Service, Big Bend National Park, Texas.
- 3 Pomara, L. Y. and **E. M. Wood**. 2017. Black-capped Vireo Survey, 2016 Annual Report, National Park Service, Big Bend National Park, Texas.
- 2 Pomara, L. Y. and **E. M. Wood**. 2016. Black-capped Vireo Survey, 2015 Annual Report, National Park Service, Big Bend National Park, Texas.
- 1 Pomara, L. Y. and **E. M. Wood**. 2015. Black-capped Vireo Survey, 2014 Annual Report, National Park Service, Big Bend National Park, Texas.

Grants and Awards

Year	Source	Budget
2023	USDA, Healthy Soils	\$12,500
2023	TNC (LA River, Bowtie Research)	\$10,000
2023	NSF EHR (co-PI) †	\$3,920,744
2022	USDA (NEXTGEN) (co-PI) †	\$5,000,000
2022	FAPESP (Brazilian Government) (co-PI)	\$1,400,000
2022	USDA REU (co-PI)	\$750,000
2022	Natural Communities Coalition (PI)	\$208,803
2022	NSF RaMP (collaborator)	\$500,000
2022	NSF EAGER (PI)	\$200,000
2021	NSF RUI (co-PI)	\$602,791
2021	NSS IRA (Field Trip Grants, CSULA) (co-PI)	\$40,000

2021	NSF CAREER †	\$768,989
2021	NSF RCN-UBE (collaborator) †	\$200,000
2020	NSF CAREER †	\$791,644
2020	NSF DEB (co-PI) †	\$497,043
2020	Agricultural Research Institute (co-PI)	\$40,000
2020	LA River Important Bird Area, Proposition 1 fund †	\$240,000
2020	NSS Instructionally Related Activities (PI)	\$4,000
2019	NSF DEB Long Term Ecological Research (co-PI) †	pre-proposal
2019	National Fish and Wildlife Foundation (PI) †	\$633,211
2019	NSS minigrant (PI)	\$2,000
2019	NSF RCN-UBE (collaborator) †	\$200,000
2019	NSF CREST (co-PI) †	pre-proposal
2018	National Park Service, Santa Monica Mountains (co-PI) †	\$40,000
2017	National Park Service, Santa Monica Mountains (co-PI) †	\$40,000
2017	NSF ABI (co-PI) †	\$150,000
2017	Southwest Border Resource Protection Program (PI) †	\$50,000
2017	California State Parks, Enrichment (PI)	\$5,000
2016	La Kretz Environmental Science Endowment Award (PI)	\$4,500
2016	Southwest Border Resource Protection Program (PI)	\$50,000
2016	SERDP, DOD (PI) †	\$968,000
2015	Southwest Border Resource Protection Program (PI)	\$50,000
2015	NRCS, Biodiversity and Protected Areas Management	pre-proposal
2011	NSF IGERT, Sustainability and Biodiversity of Southwest China Fund	\$4,000
2010	Kickapoo Valley Reforestation Fund	\$24,000
2010	Aldo Leopold Outstanding Wildlife Graduate Student Award	\$1,500
2009	McIntire-Stennis Formula Fund	\$84,634
2008	Prairie Biotic Research, Inc.	\$1,000
2006	Best Student Paper (Honorable Mention), IV NAOC, Veracruz, MX	award
Total Applied at CSULA († = not awarded)		\$17,379,225
Total Awarded as PI or co-PI		\$3,379,594

Conference Presentations with Published Proceedings

(*California State University Los Angeles student)

- 2023 **E. M. Wood.**, C. Benitez*, and M. Beland. LiDAR predicts habitat for wintering bird communities in a California megacity. American Ornithological Conference, August 7th-12th, London, Ontario
- 2023 Lyon, S.* and **E. M. Wood**, P. Ethington, L. Hall, S. Safran. A. Shultz, and T. Longcore. Shifts in avian community dynamics in response to over a century of development in Greater Los Angeles. American Ornithological Conference, August 7th-12th, London, Ontario
- 2023 Smallwood, N. L., and **E. M. Wood**. The influence of native plants on urban wildlife in southern California residential yards. Southern California Academy of Sciences. Cal State Fullerton. May 6th
- 2023 Ewing, B.*, **E.M. Wood**. A. E. Martinez. Changes in avian community mobbing responses along an urban-rural gradient in southern California. International Urban Wildlife Conference, June 5th-7th, Washington D.C
- 2023 **E. M. Wood.**, S. Lyon*, P. Ethington, L. Hall, S. Safran. A. Shultz, and T. Longcore. The effects of over a century of urbanization on the avifauna of the Los Angeles Basin. International Urban Wildlife Conference, June 5th-7th, Washington D.C
- 2023 **E. M. Wood.**, S. Lyon*, P. Ethington, L. Hall, S. Safran. A. Shultz, and T. Longcore. The effects of over a century of urbanization on the avifauna of the Los Angeles Basin. Western Bird Banding Association Meeting, May 7th, Santa Clarita, California
- 2023 **E. M. Wood.**, S. Lyon*, P. Ethington, L. Hall, S. Safran. A. Shultz, and T. Longcore. The effects of over a century of urbanization on the avifauna of the Los Angeles Basin. International Association of Landscape Ecologists Annual Meeting, March 20th, Riverside, California
- 2022 E. M. Wood., C. Benitez, and M.B. Beland. LiDAR predicts habitat for wintering bird communities in a California megacity. American Ornithological Conference. April 16-19. virtual conference
- 2022 Benitez, C., M.C. Beland. S. Esaian. **E.M.Wood**. Using remote sensing data to characterize avian habitat in an urban ecosystem. International Association of Landscape Ecologists meeting. April 16-19. virtual conference
- 2022 Smallwood, N. L., and **E. M. Wood**. The influence of native plants on urban wildlife in southern California residential yards. Southern California Academy of Sciences. Cal State Fullerton. May 6th
- 2021 Smallwood, N. L., and **E. M. Wood**. The influence of native plants on urban wildlife in southern California residential yards. International Urban Wildlife Conference. May 25th-27th, virtual conference
- 2021 **E. M. Wood.**, and S. Esaian. The lasting influence of redlining on street trees and avifauna in a global metropolis. International Urban Wildlife Conference. May 25th-27th, virtual conference

- 2021 **E. M. Wood.**, and S. Esaian. The lasting influence of redlining on street trees and avifauna in a global metropolis. Ecological Society of America conference. August 2nd-4th, virtual conference
- 2021 Vasquez, A. V., and **E. M. Wood.** The influence of urban park features and the surrounding cityscape on birds across a socioeconomic gradient. Ecological Society of America conference. August 2nd-4th, virtual conference
- 2020 **Wood, E.M.** The importance of street trees to urban avifauna. North American Ornithological Conference. August 12th – 15th, virtual conference
- 2020 Xu, A* and **E. W. Wood.** The effects of the Woolsey fire on bird and butterfly communities in the Santa Monica Mountains National Recreation Area. Santa Monica Mountains Science Days. February 12th – 13th, King Gillette Ranch, CA, USA.
- 2019 **Wood, E.M.** Public-street tree preferences by birds in the Los Angeles urban forest. International Urban Wildlife Conference. June 2nd – 5th, Portland, Oregon, USA.
- 2018 Greig, E. I., **E. M. Wood,** and D. N. Bonter. Winter range expansion of a hummingbird is association with urbanization and supplementary feeding. *Evolution*. August 19th-22th, Montpellier, France
- 2018 Coffey, J*, L. Pomara, and **E. W. Wood.** *Desert riparian bird and butterfly community response to removal of an invasive grass along the Rio Grande in Big Bend National Park, Texas.* The Association for Field Ornithologists Meeting, June 7th-9th, Chattanooga, TN, USA.
- 2018 Mackey, H* and **E. W. Wood.** Disentangling the effects of land-cover composition and invasive species on the bird community along the Rio Grande, Big Bend National Park, Texas. The American Ornithological Society Meeting, April 9th-14th, Tucson, AZ, USA
- 2018 Taylor, R* and **E. W. Wood.** Monitoring the response of the bird community to restoration of the Owens River, California. The American Ornithological Society Meeting, April 9th-14th, Tucson, AZ, USA
- 2017 Esaian, S* and **E. M. Wood.** Factors affecting habitat use of birds along a socioeconomic gradient in the Los Angeles urban forest. The Joint Meeting of the American Ornithological Society and the Society of Canadian Ornithologists, August 3rd, East Lansing, Michigan, USA
- 2017 Esaian, S* and **E. M. Wood.** Tree-species preferences by migratory birds in the Los Angeles urban forest: implications for urban biodiversity conservation. International Urban Wildlife Conference, June 3rd, San Diego, CA, USA
- 2017 Coffey, J* and **E. M. Wood.** Burning the river: evaluating the success of invasive species management on the Rio Grande, Big Bend National Park, Texas. California State University Graduate Student Symposium, February 24th, Los Angeles, CA, USA
- 2017 Mackey, H* and **E. M. Wood.** Habitat occupancy by the threatened Yellow-billed Cuckoo along the middle Rio Grande. California State University Graduate Student Symposium, February 24th, Los Angeles, CA, USA

- 2016 Rohrbaugh, R. S., Barker Swarthout, S. Taylor, D. Toews, **E. Wood**, R. Bennet, V. Ruiz Gutierrez. The role of hybridization in shaping habitat selection patterns and populations dynamics in Golden-winged Warbler. The North American Ornithological Conference. August 18, Washington D.C, USA.
- 2016 **Wood, E. M.**, A. M. Pidgeon. Extreme variations in spring temperature affect ecosystem regulating services provided by birds during migration. The North American Ornithological Conference. August 18, Washington D.C, USA. (*invited*)
- 2016 **Wood, E. M.**, A. M. Pidgeon. Extreme variations in spring temperature affect ecosystem regulating services provided by birds during migration. The North American Congress for Conservation Biology. July 14, Madison, Wisconsin, USA. (*invited*)
- 2016 **Wood, E. M.**, A. M. Pidgeon, V. C. Radeloff, P. D. Culbert, N. S. Keuler, and C. H. Flather. Observed and predicted effects of housing development on bird species richness and abundance in US protected areas. The Western Section of the Wildlife Society. February 26, Pomona, California, USA.
- 2015 Greig, E. I., **E. M. Wood**, and D. N. Bonter. Urban development and supplemental feeding may mitigate cold intolerance and facilitate range expansion of a non-migratory nectivore. Animal Behavior Society. June 10-14, Anchorage, Alaska, USA.
- 2016 **Wood, E. M.**, S. E. Barker, W. H. Hochachka, R. R. Rohrbaugh, K. V. Rosenberg, and A. D. Rodewald. Meet you in the middle: hybrid habitat preferences influence genetic introgression in Golden-winged Warbler. Joint meeting of American Ornithologists' Union, Cooper Ornithological Society, and Society of Canadian Ornithologists, 24-27 September, Estes Park, Colorado, USA.
- 2013 **Wood, E. M.**, A. M. Pidgeon, V. C. Radeloff, P. D. Culbert, N. S. Keuler, and C. H. Flather. Housing development erodes avian community structure in U. S. Protected Areas. American Ornithologists' Union, annual meeting, August 15, Chicago, Illinois, USA.
- 2013 **Wood, E. M.**, A. M. Pidgeon, V. C. Radeloff, P. D. Culbert, N. S. Keuler, and C. H. Flather. Housing development, protected areas, and avian community conservation. International Congress for Conservation Biology, July 25, Baltimore, Maryland, USA.
- 2012 **Wood, E. M.**, and A. M. Pidgeon. Oak (*Quercus* spp.) flowering phenology is a proximate cue for migratory songbirds to the availability of food resources. Phenology 2012 Conference, September 10-13, Milwaukee, Wisconsin, USA.
- 2012 **Wood, E. M.**, and A. M. Pidgeon. Variations in climate affect ecosystem provisioning services provided by birds during spring migration. North American Ornithological Conference, August 14-18, Vancouver, British Columbia, Canada.
- 2012 **Wood, E. M.**, and J. L. Kellerman. Frontiers in avian phenological monitoring and research: trends, advances, and next steps. North American Ornithological Conference, August 14-18, Vancouver, British Columbia, Canada.
- 2011 **Wood, E. M.**, and A. M. Pidgeon. Changes in forest tree species composition may affect Neotropical songbirds during spring migration stopover. Cooper Ornithological

- Society, Association of Field Ornithologists', and the Wilson Ornithological Society meeting. March 10-12, Kearney, Nebraska, USA.
- 2010 **Wood, E. M.**, A. M. Pidgeon, and V. C. Radeloff. Oak savanna habitat management for Karner blue butterfly influences bird community conservation. International Congress for Conservation Biology meeting. July 3-7, Edmonton, Alberta, Canada.
- 2010 Bar Masada, A., **E. M. Wood**, V. C. Radeloff, and A. M. Pidgeon. Using multiscale spatial context to predict avian species richness in a woodland savanna. International Congress for Conservation Biology meeting. July 3-7, Edmonton, Alberta, Canada.
- 2010 **Wood, E. M.**, A. M. Pidgeon, and V. C. Radeloff. Using image texture to predict bird habitat. American Ornithologists' Union, Cooper Ornithological Society, and Society of Canadian Ornithologists' joint meeting. February 7-11, San Diego, California, USA.
- 2009 Pidgeon, A. M., **E. M. Wood**, St-Louis, V, and V. C. Radeloff. Improvement of mapping birds using image texture. SERDP annual meeting, November 23-25, Washington D.C, USA.
- 2008 **Wood, E. M.**, A. M. Pidgeon, and V. C. Radeloff. Avian use and occupancy of a Midwest savanna. Fourth International Partners in Flight Conference. February 13-16, McAllen, Texas, USA.
- 2007 **Wood, E. M.**, A. M. Pidgeon, and V. C. Radeloff. Comparing image texture from infrared versus panchromatic aerial photographs for predicting avian species richness in a Midwest prairie savanna. 68th Midwest Fish & Wildlife Conference, December 9-12, Madison, WI, USA.
- 2006 **Wood, E.M.**, M.D. Johnson, and B.A. Garrison. Using a relevé vegetation dataset to model occupancy of birds. 6th California Oak Symposium, October 9-12, Rohnert Park, California, USA.
- 2006 **Wood, E.M.**, M.D. Johnson, and B.A. Garrison. Occupancy estimation models of focal bird species in Sierra Nevada foothill woodlands. IV North American Ornithological Conference, October 3-7, Veracruz, Mexico, USA.

Invited Professional Presentations

- 35 2023 Historical and contemporary drivers of urban avifauna in a California megacity. Oregon State University. March 18, 2023.
- 34 2023 The lasting effect of redlining on birds and the people who experience them. Pasadena Audubon Society. January 18th
- 33 2022 The lasting effect of redlining on birds and the people who experience them. Stanford University. April 26th
- 32 2022 The lasting effect of redlining on birds and the people who experience them. Stanford University. Cal State LA Dean's Meeting. April 19th
- 31 2022 Income inequality, racial segregation, and urban avifauna – the tale of biodiversity in L.A. California State University Northridge. April 13th
- 30 2022 Income inequality, racial segregation, and urban avifauna – the tale of biodiversity in L.A. LA Audubon. February 9th

- 29 2021 The importance of street trees to urban avifauna. Humboldt State University. April 21st
- 28 2021 The importance of the urban forest to our regional bird life. Occidental College. March 5th
- 27 2021 The importance of the urban forest to our regional bird life. San Diego Natural History Museum. February 9th
- 26 2020 The importance of street trees to urban avifauna. San Fernando Valley Audubon Society. November 16th
- 25 2020 Urban biodiversity. Greenprints Meeting, Southern California Association of Governments. February 24th
- 24 2020 The importance of the urban forest to our regional bird life. Association of Landscape Designers. November 17th
- 23 2020 *Birds in the city – the importance of LA (and other cities) to urban avifauna. LABS (Learning Among Brilliant Scientists Series) (event canceled due to COVID)*
- 22 2020 *Bird usage of the LA Urban Forest. Southern California Audubon Council Chapter Meeting. February 7th*
- 21 2020 The importance of the LA Urban Forest for resident and migratory birds. El Dorado Audubon Society. January 16th (*L. Young, organizer*)
- 20 2019 The importance of street trees to urban avifauna. The Natural History Museum. November 21st (*A. Schultz, organizer*)
- 19 2019 The importance of the Los Angeles urban forest to resident and migratory birds. Pomona Valley Audubon Society. November 7th (*T. Stoner, organizer*)
- 18 2019 The importance of the Los Angeles urban forest to resident and migratory birds. Pasadena Audubon Society. February 4th (*L. Tiller, organizer*)
- 17 2019 The importance of the Los Angeles urban forest to resident and migratory birds. Conejo Valley Audubon Society. February 4th (*L. Hall, organizer*)
- 16 2018 Designing a bird friendly city – from the urban forest to the open space. *Santa Monica Bay Audubon Society Lecture Series*. November 13 (*C. Almdale, organizer*)
- 15 2018 The importance of the Los Angeles urban forest to migratory bird communities. *California Polytechnic State University Pomona, Department of Biological Sciences Seminar*. September 28 (*A. Bonisoli-Alquati*)
- 14 2018 The effects of urbanization of avian communities. *University of California Riverside, Department of Evolution, Ecology, and Organismal Biology Seminar*. May 3 (*N. Rafferty organizer*)
- 13 2018 Birds in the city: do resident and migratory birds prefer native trees? *California State University Dominguez-Hills, Biological Sciences Department Seminar*. March 15 (*T. McGlynn organizer*)
- 12 2018 Birds in the city: do resident and migratory birds prefer native trees? *Malibu Public Library, Seminars*. January 16 (*I. Julier organizer*)

- 11 2017 Birds in the city: do resident and migratory birds prefer native trees? *Los Angeles Audubon talk series*. October 11 (*T. Longcore organizer*)
- 10 2016 The importance of urban trees for maintaining biodiversity in a cityscape. (*Southern California Ecosystems Research Program, California State University Fullerton*), March 15, Fullerton, California (*B. Hoese, organizer*)
- 9 2016 The effects of climate and land use change on avian biodiversity (*San Diego Zoo Institute for Conservation Research*), June 22, Escondido, California (*R. Swaisgood, organizer*)
- 8 2016 The ecology of bird migration in the face of extreme weather (UC Irvine, EEB Department), April 29, Irvine, California (*B. Hawkings organizer*)
- 7 2016 If you build it, they will degrade observed and predicted effects of housing development on avian community structure in US Protected Areas (University of Nevada-Reno, Geography Department), April 13, Nevada, Reno (*Jessie Clarke, organizer*)
- 6 2015 Remotely sensed image texture characterizes habitat structure, avian density, and distribution patterns (*Cornell University, Department of Natural Resources Research Symposium*), January 15, Ithaca, New York (*E. Cooch, organizer*)
- 5 2014 Climatic extremes influence spring tree phenology, migratory songbird foraging behavior, and ecosystem services (*Alfred University lecture series*), October 24 Alfred, New York (*F. Beaudry, organizer*)
- 4 2013 Avian community patterns and processes in the face of environmental change (*Wisconsin Department of Natural Resources lecture series*), March 14 Madison, Wisconsin (*A. Paulios, organizer*)
- 3 2013 Going native: Understanding tree use by spring migratory songbirds in the Upper Midwest (*Wisconsin Stopover Initiative Workshop*), February 26, Racine, Wisconsin
- 2 2011 Observations from the roof of the world: bird conservation in the Chinese Himalaya (Spring Migration lecture series), May 3. La Farge, Wisconsin, (*M. West organizer*)
- 1 2011 Changes in forest tree species composition and climatic variability affects songbirds during spring migration (*Wisconsin Bird Conservation Initiative Workshop*), September 30. Green Bay, Wisconsin, USA (*A. Paulios, R. Brady, organizers*)

Teaching Experience

- 1 **General Ecology.** Biological Sciences Department (BIOL 360-01 and -02), a three-unit lecture course and a one-unit lab at the undergraduate level focused on principles of ecology, both theoretical and applied; 50 students, California State University Los Angeles, Fall and Winter quarter 2015 and 2016.
- 2 **Ecology and Evolution.** Biological Sciences Department (BIOL 3800), a three-unit lecture course at the undergraduate level focused on the principles of ecology, both theoretical and applied, and the fundamentals of evolution; 80 students, California State University Los Angeles, Fall Semester 2016, 2017, and 2019; Spring 2019.

- 3 **Ecology.** Biological Sciences Department (BIOL 3800), a three-unit lecture course at the undergraduate level focused on the principles of ecology, both theoretical and applied, and the fundamentals of evolution; 80 students, California State University Los Angeles, Fall 2020, Spring 2021, Spring 2022 (**course modification**)
- 4 **Field Ecology.** Biological Sciences Department (BIOL 3801), a one-unit field laboratory course at the undergraduate level focused on the principles of field ecology, including techniques; 80 students, California State University Los Angeles, Spring 2022. (**New course I created**)
- 5 **Ecosystems of California.** Biological Sciences Department (BIOL 4740-01, and -02), a three-unit lecture and one-unit lab course at the undergraduate and graduate level focused on the ecology, composition, and function of the Ecosystems of California; 24 students, California State University Los Angeles, Fall Semesters 2016, 2017, and 2020; Spring 2019, Fall 2021. (**New course I created**)
- 6 **Ornithology.** Biological Sciences Department (BIOL 4510-01 and -02), a two-unit lecture course and a two-unit lab at the undergraduate level focused on avian biology and avian field ecology; 23 students, California State University Los Angeles, Spring semesters 2016, 2017, 2018, and 2020.
- 7 **Principles of Biology II (Introduction to Ecology, Evolution, and Biodiversity).** Biological Sciences Department (BIOL 1200-01 + lab sections), a three-unit lecture, and one unit lab core course for Biological Science majors. Introduction to the ecology, evolution, and diversity of life; structure and function, reproduction, and energy metabolism in plants, animals, and fungi. 145 students. Fall 2018 and 2019; Spring 2021, Spring 2022, Fall 2022.
- 8 **Quantitative Ecology and Evolutionary Biology (Data Analysis).** Biological Sciences Department (BIOL 5400), a three-unit lecture and data-analysis graduate-level course focused on the application of statistics for ecology and evolution. 15 students, California State University Los Angeles, Spring semesters 2018 and 2020 (**new course I created**)
- 9 **Urban Ecology.** Biological Sciences Department (BIOL 5340), a three-unit discussion and lecture graduate-level seminar focused on the ecology of, and in, cities; 15 students, California State University Los Angeles, Spring semester 2017 (**new course I created**)
- 10 **Urban Sustainability.** Biological Sciences Department (BIOL 5410), a three-unit discussion and lecture graduate-level seminar focused on urban sustainability – from people to wildlife; 15 students, California State University Los Angeles, Spring semester 2018 (**new course I created**)
- 11 **Urban Ecology and Evolution.** Biological Sciences Department (BIOL 5100), a one-unit seminar series (discussion and guest lectures) focused on urban ecology and evolution; 27 students, California State University Los Angeles. Fall semester 2023 (**new course I created**)

Invited Lectures

- 1 Guest lecturer - *Advanced Ecology* (400 level). Cornell University. 'Climatic extremes influence spring tree phenology, migratory songbird foraging behavior, and ecosystem services,' October 14, 2014

- 2 Guest lecturer - Applications in Remote Sensing (300 level). U-Wisconsin-Madison. '*Applications in remote sensing – image texture, vegetation structure, and avian diversity,*' December 10, 2013
- 3 Co-instructor - Wildlife Habitat Relationships (300 level), U-Wisconsin-Madison, 2012
- 4 Guest lecturer - Wisconsin Ecology Seminar (400 level). '*Forest bird diversity and housing developments,*' U-Wisconsin-Madison, November 13, 2012
- 5 Guest lecturer - Applications in GIS (200 level). '*Applied remote sensing, GIS, and landscape ecology,*' U-Wisconsin-Madison, April 19, 2012
- 6 Guest lecturer - Global Change and Conservation (300 level). '*Global biodiversity: trends and conservation.*' U-Wisconsin-Madison, December 8, 2011
- 7 The undergraduate classroom (student) – Delta Semester Course, '*Lecturing and connecting with a diverse student body*' U-Wisconsin-Madison, 2010
- 8 Public lecture - Colloquium Series, '*The use of image texture in mapping vegetation structure and predicting bird species richness and abundance,*' U-Wisconsin-Madison, December 8, 2009
- 9 Public lecture - Ecology Series, '*Avian occupancy patterns and avian community dynamics of California oak savanna,*' Humboldt State University, 2007

Graduate Students (Cal State LA)

1	Harnawaz Boparai	2023-present
2	Lauren Hill	2023-present
3	Jessica Hernandez	2023-present
4	Esmeralda Reyes	2022-present
5	Natasha Khanna	2022-present
6	Tania Romero	2022-present
7	Bryan Rawles (Environmental Science Associates)	2022-2023
8	Sean Lyon (PhD student, UC Merced)	2022-2023
9	Christian Benitez (Orange County Water)	2019-2021
10	Lilian Chou (Audubon)	2019-2021
11	Noriko Smallwood (Bargas Environmental)	2019-2021
12	Amy Vasquez (PhD student, John's Hopkins University)	2018-2020
13	Peter Larramendy (Biologist NPS, Channel Islands)	2018-2020
14	Austin Xu (Tetra Tech consulting)	2017-2020
15	Robert Taylor (Field biologist with UC Davis)	2017-2019
16	Sevan Esaian (PhD student, UCSB)	2016-2018
17	Heather Mackey (Biologist with the USFS in Yosemite)	2016-2018
18	Julie Coffey (Research lab manager, UCI)	2016-2018

Graduate Student Committees (Cal State LA)

1	Sandy Gregorio (advisor: A. Heers)	current
2	Vivian Pham (honor's undergrad, advisor: R. Diaz)	current
3	Ynez Diaz (CSULB Graduate Student, advisor: A. Martinez)	current
4	Ben Ewing (CSULB, Graduate Student, advisor: A. Martinez)	2023
5	Rachel Bockrath (CPP Graduate Student, advisor. E. Scordato)	2023
6	Helen Nguyen (advisor: P. Krug)	2022
7	Daniël Guzman (advisor: A. Aguilar)	2022
8	Samantha Watson (advisor: A. Wright)	2021
9	Regina Francia Mae (advisor: A. Wright)	2021
10	Brendan Kyle (advisor: A. Aguilar)	2021
11	DeDe Dornish (advisor: K. Fisher)	2021
12	Beatriz Aguirre (advisor: A. Wright)	2020
13	John English (advisor: A. Wright)	2020
14	Jordan Molina (advisor: A. Russo-Neustadt)	2020
15	Simone Benjamin (advisor: K. Fisher)	2020
16	Nikki Guerro (advisor: C. Scoffoni)	2020
17	Paige Weiss (advisor: P. Krug)	2019
18	Lisa Lugo (advisor: P. Krug)	2019
19	Alexandria Garcia (advisor: K. Fisher)	2018
20	Emily Blum (Advisor: K. Fisher)	2018
21	Greg Rios (advisor: K. Yamazaki)	2018
22	Andrew Wong* (advisor: P. Krug)	2017
23	Renee Haserjian* (advisor: A. Aguilar)	2017
24	Jenna Xu (advisor: R. Nissen)	2017
25	Gabriela Perez (advisor: A. Aguilar)	2017
26	Lizbeth Pliego (advisor: E. Torres)	2017
27	Jessika De Jesus (advisor: P. Krug)	2017
28	Rosemary Garcia (advisor: A. Muchlinski)	2016
29	Carly Creley (advisor: A. Muchlinski)	2016
30	Gina Maree Navia (advisor: A. Muchlinski)	2016

Undergraduate Research Students (Cal State LA)

1	Lara Tseng (<i>Early entrance program and honor's student advisor</i>)	2022 - present
2	Valerie Campos	2022 - present
3	Marianna Puche	2019-2020
4	Roberto Castillo	2019-2020
5	Gregory Sercel (<i>Early entrance program and honor's student advisor</i>)	2018-2020
6	Bryant Luu	2016-2018
7	Christian Benitez	2018

8	Nancy Garcia	2018
9	Hanne Irish-Hurlow (<i>Westridge High School research student advisor</i>)	2018
10	Edgar Pedroza	2018
11	Amanda Thai	2018
12	Agustin Trigueros	2018
13	Christin King (<i>Early entrance program and honor's student advisor</i>)	2016-2017
14	Justin McMichael	2016-2017
15	Brenda Banuelos	2015-2017
16	Mayra Chicas	2015-2017
17	Josselin Ortiz	2015-2017
18	Sevan Esaian	2015-2016
19	Bryan Miranda	2015-2016
20	Joey Palomera	2015-2016
21	Greg Rios	2015-2016
22	Juana Rubalcava	2106
23	Sam Garza	2016
24	Jennifer Hernandez	2016
25	Ghalib Manjurr	2016

Mentoring (before Cal State LA)

1	Eric Gulson, Cornell University	2014
2	Teresa Pegan, Cornell University	2014
3	Cat Lauck, Cornell University	2014
4	Joseph Byington, Cornell University	2014
5	Tom Prestby, UW Madison	2011
6	Stephanie Beilke, UW Madison	2010
7	Kathleen Grady, UW Madison	2010
8	Paul Schilke, UW Madison	2010
9	Audrey Derosé-Wilson, UW Madison	2009
10	Patrick Kearns, UW Madison	2009 – 2009
11	Heather Llanas, UW Madison	2008 – 2009
12	Serena Grover, UW Madison	2008
13	Elizabeth Summers, UW Madison	2007
14	Christina Rockwell, UW Madison	2007
15	Aaron Nolan, UW Madison	2007

Professional Service

2023-present	Urban Ecology Center (director)
2023-present	American Ornithological Society (Elected Member)
2021-present	LA Audubon (Board Member)
2017-present	Biodiversity Analysis in L.A. (Science advisor, TNC and NHM)

2017-present	Biodiversity Indicator Expert Analysis (science advisor, L.A. Sanitation)
2018-present	Southern California Undergraduate Ecological Research Network
Subject-matter editor	Frontiers in Ecology and Evolution (Population Dynamics)
Symposium organizer	<i>Tracking migratory stopover phenology: climate change and the phenological synchrony of North American bird migration with seasonal resources</i> , North American Ornithological Conference, August 14 – 18, 2012 Vancouver, British Columbia. Co-organized with J. Kellerman. Nine invited speakers.

Peer-review

Acta Theriologica	1
Ambio	1
American Midland Naturalist	1
Annals of the American Association of Geographers	1
Behavioral Ecology	1
Biological Conservation	2
Bird Study	1
Bulletin of the Southern California Academy of Sciences	1
Cities and the Environment	1
Conservation Biology	1
Council of Ocean Affairs, Science, and Technology (COAST) (proposal)	1
Current Biology	1
Diversity and Distributions	2
Ecography	2
Ecological Applications	1
Ecological Restoration	1
Ecosphere	3
Forest Ecology and Management	3
Frontiers in Conservation Science	2
Frontiers in Ecology and the Environment	1
Global Ecology and Conservation	1
Global Change Biology	1
Integrative and Comparative Biology	1
International Journal of Biometeorology	1
Journal of Animal Ecology	1
Journal of Biogeography	1
Journal of Field Ornithology	3
Journal of Ornithology	1

Journal of Raptor Research	1
Journal of Vegetation Science	1
Journal of Wildlife Management	2
Landscape Ecology	3
Landscape and Urban Planning	3
Land Use Science	1
Legislative-Citizen Commission on Minnesota Resources (proposal)	1
Oecologia	1
Ornithological Applications	1
PLoS ONE	2
Regional Environmental Change	1
Remote Sensing	2
Scientific Data	1
Scientific Reports	1
Studies in Avian Biology	1
Science of the Total Environment	1
Urban Ecosystems	4
Urban Forestry and Greening	1
Wisconsin Society of Ornithology	1
Water Conservation Authority (proposal)	1
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	68

University and Departmental Committees (Cal State LA)

2022 - current	Campus Sustainability Committee
2020 - current	Instructional Affairs (IAC)
2019- current	Assessment
2017-2018	Graduate Affairs Committee (Committee chair – AY 18/19)
2016-2018	Student Outreach and Recruitment (SOAR)

Workshops Attended

2022	Bayesian Analysis for Ecologists (Colorado State University)
2019	Professional grant development workshop (U.C. Santa Barbara, Grant Training Center)
2013	Occupancy modeling in BUGS/JAGS and unmarked – Hierarchical models for species occurrence and communities (M. Kéry and A. Royle, organizers)
2013	Wisconsin Stopover Initiative (<i>invited</i>), February 26-29, Racine, Wisconsin
2012	USA National Phenology Research Coordination Network workshop (<i>invited</i>), May 22-23 Milwaukee, Wisconsin, USA (M. Schwarz, organizer)
2011	Wisconsin Bird Conservation Initiative meeting (<i>invited</i>), September 29-October 1. Green Bay, Wisconsin, USA (A. Paulios, R. Brady, organizers)

- 2006 Modeling patterns and dynamics of species occurrence workshop, November 5-7. Humboldt State University, Arcata, California, USA (D. Mackenzie, organizer)
- 2006 Manuscript and grant writing. IV North American Ornithological Conference, October 3. Veracruz, Mexico (T. Martin, organizer)

Research Experience

- 2015 -present Wood Lab of Avian and Urban Ecology (www.ericmwood.org)
- 2015 Research expedition – Borneo, Sabah. Cornell University.
- 2011 University of Wisconsin-Madison, IGERT Associate. Yunnan, China
- 2007 – 2011 University of Wisconsin-Madison, SILVIS Lab
- 2005 – 2006 Humboldt State University, Landbird Lab
- 2006 Point Blue Northern Sierra Nevada bird monitoring
- 2004 – 2005 California Department of Fish and Game, Wildlife Biologist
- 2003 USFS - Sequoia National Park. Biological Technician
- 2002 US NPS - Hawaii Volcanoes National Park. Research Technician
- 2001 USGS-BRD - Hawaii Volcanoes National Park. Field Technician

Interests, Skills, Affiliations, & Outreach

- Research Interests Urban Ecology, Avian Ecology, Applied and Conservation Sciences, Phenology, Climate Change, Landscape Ecology, Quantitative Ecology
- Field Techniques Bird monitoring: 25 years, point counting, banding, behavioral observations. Nest searching. Many locations in the world.
- Wildlife 25 years: birds, insects, mammals, and reptiles. Many ecosystems.
- Vegetation 25 years: composition, structure, and phenology. Many ecosystems.
- Software R (expert), ArcGIS, BUGS, PRESENCE, DISTANCE, MARK, PRIMER, PC-Ord, ENVI, ERDAS Imagine, Access
- Scientific memberships American Ornithological Society (elected member), Wildlife Society (Urban Wildlife Chapter), Southern California Academy of Sciences, Ecological Society of America, International Association of Landscape Ecologists