



Stretch Your Legs for Science! Engaging Youth in School (and Out) with Citizen Science



Jennifer Fee

Jennifer Fee is the Manager of K-12 Programs at the Cornell Lab of Ornithology, where she's worked since 2004. She leads the Lab's K-12 program which offers a suite of curricular resources and training opportunities focused on engaging youth in citizen-science projects, outdoor STEM experiences, and authentic science investigations. She's passionate about finding and sharing engaging ways to connect kids to their local outdoors. Jennifer previously managed the school programs for the Missouri Botanical Garden, and graduated from the Biology programs at Truman State University (BS) and Illinois State University (MS). She is the co-author of *Citizen Science: 15 Lessons that Bring Biology to Life*, published by NSTA Press, as well as numerous curricular resources and articles. Outside work, Jennifer enjoys the going on outdoor adventures with her young daughter, traveling to new places, and adding new birds to her eBird life list.



Jeff Manker

Jeff Manker is recently retired from teaching in a public high school where he developed and taught the only year-long, high school level, ornithology class in the state of California and one of only a handful in the country. During his tenure as a teacher he also co-developed and taught a very popular Marine Science class and taught Biology, Advanced Placement Biology, and Environmental Science. As an educator he has been on scientific expeditions to the jungles of Costa Rica, to the Papahānaumokuākea Marine National Monument in the Pacific, and to Point Barrow on the Arctic Ocean. Twice, he has worked as an educator for school-age students on an Abercrombie and Kent expedition cruise to Antarctica and South Georgia. In April 2018, Jeff published a commentary in *Birding Magazine* urging schools to start Ornithology classes in high schools across the US. He is currently on the Advisory Council for BirdSleuth K-12 and the Board of Directors for the Monterey Bay Birding Festival and the Bird School Project.