
Education

University of California, Los Angeles, Los Angeles, CA

PhD program in Ecology & Evolutionary Biology

September 2021 - present

Pinter-Wollman Lab

Research on the spatiotemporal dynamics of social networks in vultures (behavioral ecology)

Yale University, New Haven, CT

B.S. in Ecology & Evolutionary Biology

May 2020

Cumulative GPA 3.92, magna cum laude.

Grants and Awards

NSF Graduate Research Fellowship (\$111,000), National Science Foundation	2023
Lida Scott Brown Conference Travel Grant (\$1,300), U. of California, Los Angeles	2022
UCLA Graduate Dean's Scholar Award (\$14,500), U. of California, Los Angeles	2021
Edgar J. Boell Prize for Excellence in Senior Research , Yale University	2020
Mellon Grant for Senior Research (\$325), Yale University	2019
Summer Environmental Fellowship (\$2,000), Yale University	2019
Kohlberg-Donohoe Research Fellowship (\$1,100), Yale University	2019
Dean's Research Fellowship in the Sciences (\$4,300), Yale University	2019
Richter Summer Fellowship (\$500), Yale University	2019
Research Experience for Undergraduates (\$5,000; \$5,500), National Science Foundation	2017, 2018

Publications

Venable, G.X., **K. Gahm**, and R.O. Prum (2022). "Hummingbird plumage color diversity exceeds the gamut of all other birds." *Communications Biology*. DOI: <https://doi.org/10.1038/s42003-022-03518-2>.

Bishop, C., **K. Gahm**, A.P. Hendry, S.E. Jones, M. Stange, and C.T. Solomon (2022). "Benthic-limnetic morphological variation in fishes: dissolved organic carbon concentration produces unexpected patterns." *Ecosphere*. DOI: <https://doi.org/10.1002/ecs2.3965>.

Gahm, K., A.Z.A. Arietta, and D.K. Skelly (2020). "Temperature-mediated tradeoff between development and performance in larval wood frogs (*Rana sylvatica*).” *Journal of Experimental Zoology A*. DOI: 10.1002/jez.2434.

Reports:

Wood, J., **K. Gahm**, I. Nidel, S. Lioutikova, L. Lindemann, J. Holubkov, and L. Lee (2020). "Mapbook of Syntactic Variation in American English: Survey Results, 2015–2019." *Yale Working Papers in Gramm. Diversity*. <https://elischolar.library.yale.edu/ygdp/7>.

Software:

Gahm, K (2022). vultureUtils. R package version 0.1.0. DOI: 10.5281/zenodo.7693944.

Presentations

Gahm, K. and M. Paquet. November 2022. "The Society for Open, Reliable, and Transparent Ecology and Evolutionary Biology." Virtual poster presentation at Animal Behaviour Live Conference.

Gahm, K. October 2022. "What they didn't teach you about workflow and project organization (in R)." EcoEvoPub, UCLA Department of Ecology & Evolutionary Biology, Los Angeles, CA.

Gahm, K. July 2022. "Modeling Situation-Specific Effects of Multiple Mortality on Social Network Structure in Griffon Vultures (*Gyps fulvus*)" Poster at Animal Behavior Society Conference, San José, Costa Rica.

Gahm, K. July 2021. "Retroactively Reproducible: Lessons from a workflow audit." SORTEE (Society for Open, Reliable, and Transparent Ecology & Evolutionary Biology) Conference, virtual.

Gahm, K. May 2020. "The Tadpole Olympics: A tradeoff between development and performance in wood frog tadpoles." Presentation at Sigma Xi Virtual Student Scholars Symposium, virtual.

Gahm, K. April 2020. "The Tadpole Olympics: A tradeoff between development and performance in wood frog tadpoles." Presentation at Pierson College Mellon Forum, New Haven, CT.

Gahm, K. August 2018. "Large wood and fish in the Upper Mississippi River." Poster at Society for Freshwater Science Annual Meeting, Salt Lake City, UT.

Gahm, K. September 2019. "Tradeoffs between developmental rate and swimming performance in wood frog (*Rana sylvatica*) larvae." Poster at Yale Undergrad. Research Symposium, New Haven, CT.

Gahm, K. and S. E. Budd. August 2018. "Large wood and fish in the Upper Mississippi River." Poster at UW La Crosse Undergrad. Research Symposium, La Crosse, WI.

Wells, A. A. and **K. Gahm.** August 2017. "The gray areas: Mapping vireo territories at the Sevilleta NWR." Presentation at Sevilleta NWR Annual Symposium, Sevilleta NWR, NM.

Teaching and Mentorship

Graduate Teaching Assistant , EEB 185 Evolutionary Medicine Instructor: Natalie Lozano-Huntelman. University of California, Los Angeles	Spring 2023
Mentor and Co-Organizer , Hacky Hours (Computational co-working space) University of California, Los Angeles	December 2021 - present
Graduate Teaching Assistant , EEB 129 Animal Behavior Instructor: Noa Pinter-Wollman. University of California, Los Angeles	Winter 2023
Graduate Teaching Assistant , EEB 185 Evolutionary Medicine Instructor: Rachel Prunier. University of California, Los Angeles	Spring 2022
Co-Instructor , Software Carpentry Workshop (Version Control with Git) University of California, Los Angeles	April 2022
Co-Instructor , Software Carpentry Workshop (Version Control with Git and RStudio) 2021 SORTEE Conference	July 2021
Peer Mentor Yale Department of Ecology & Evolutionary Biology	2019 – 2020

Service

UAW 2865	
UCLA Campus Organizing Committee Co-chair (elected)	February 2023 - present
EEB Department Co-steward (elected for 1-year term)	May 2022 - present

Society for Open, Reliable and Transparent Ecology & Evolutionary Biology (SORTEE)

Education & Outreach Committee

January 2023 - present

Board of Directors (elected to student seat for 3-year term)

December 2021 - present

Membership Committee

December 2020 - December 2022

Other Employment

Database Specialist

June 2020 – August 2021

Cary Institute of Ecosystem Studies

Research Assistant

January 2018 – March 2021

Yale Grammatical Diversity Project

Museum Assistant in Entomology

September 2016 – May 2020

Yale Peabody Museum of Natural History

Undergraduate Researcher

September 2017 – December 2018

Powell Lab, Yale University Department of Ecology & Evolutionary Biology

Professional Affiliations

Animal Behavior Society (ABS)

2021 - present

Society for Open, Reliable, and Transparent Ecology & Evolutionary Biology (SORTEE)

2020 - present