

KATE L. LASKOWSKI

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EDUCATION

- 2013** **Ph.D.**, University of Illinois (UIUC), Dept. of Evolution, Ecology & Behavior
- 2006** **B.S.**, University of Maryland Baltimore County (UMBC), Dept. of Biology
Magna cum laude with Departmental Honors

RESEARCH EXPERIENCE

- 2019-** **Assistant Professor**, University of California Davis, Dept. of Evolution & Ecology
- 2015-19** **Independent Research Fellow**, Leibniz Institute of Freshwater Ecology & Inland Fisheries, Dept. of Biology & Ecology of Fishes, Berlin Germany
- 2013-15** **Postdoctoral Researcher**, Leibniz Institute of Freshwater Ecology & Inland Fisheries
Project: Ecological and evolutionary consequences of fish behavioral types
Supervisors: Drs. Jen Krause, Max Wolf, Thomas Mehner
- 2007-13** **Ph.D. Student**, University of Illinois, Dept. of Evolution, Ecology & Behavior
Dissertation: Testing models of the adaptive evolution of consistent individual differences in behavior in sticklebacks
Advisor: Dr. Alison M. Bell
- 2006-07** **Research Technician**, University of Maryland, Dept. of Entomology
Project: Mechanisms of neonicotinoid pesticide impact on arthropod communities
Supervisor: Dr. Michael Raupp

TEACHING EXPERIENCE

University of California Davis

- Instructor** Introduction to Ecology & Evolution (BIS 2B)
Introductory undergraduate course; part of first-year core biology series (~1,100 students)
- Instructor** Linear Mixed Modeling in Ecology & Evolution (EVE 225)
Graduate-level course on the statistical theory and application of mixed (hierarchical) models (~35 students)
- Instructor** Graduate Professional Development (ANB 290); Co-instructor with Gail Patricelli
Graduate level seminar designed to familiarize and prepare students on how to successfully launch their careers after graduate school (~35 students)

Instructor Data Detectives: Uncovering Mistakes, Misconduct and Fraud (FYS – First-Year-Seminar)
First-year undergraduate discussion course that explores the ethics and implications of retractions in scientific publishing (~20 students)

Leibniz-Institute of Freshwater Ecology & Inland Fisheries

Instructor Advanced Statistics: Mixed modeling (Graduate level); 2014-2019
Developed, designed and instructed course on statistical analysis using R

University of Illinois

Teaching Assistant Animal Behavior (upper level Bachelor's course – lecture)
Teaching Assistant Evolution (Bachelor's level course - laboratory)

Danville High School

Teaching Fellow NSF GK-12 Fellow
Developed, designed and instructed novel hands-on science curricula for three high school science classes on a weekly basis (remedial, intro, and Advanced Placement)

EXTERNAL GRANTS & AWARDS (TOTAL OF ~\$1,592,107 IN RESEARCH FUNDS AS PI)

- 2023-2025 Alfred P. Sloan Fellow in Neuroscience (\$75,000)
- 2022 Outstanding New Investigator Award, Animal Behavior Society
- 2021-2024 “Disentangling the developmental drivers of behavioral individuality using a clonal fish” **PI: K.L. Laskowski**; Standard grant from NSF IOS 2100625 (\$1,129,975)
- 2020-23 “SQuID (Statistical quantification of individual differences): Developing data simulation tools for research and teaching of multi-level statistical analyses” PIs: J. Wright & D. Westneat; Participant: 15 total working **group members including K.L. Laskowski**; International Partnership Grant from the Norwegian Research Council (kr 4,452,000, equivalent to ~\$426,000)
- 2017-20 “EcoEvolInteract: The role of interaction structures in eco-evolutionary dynamics” PI: D. Farine; **Co-PIs: K.L. Laskowski**, PO Montiglio, K. Gotanda, C. Kratochwil, C. Nadell; Scientific Network Grant from the German Research Foundation (€57.496, equivalent to ~\$70,300)
- 2017 Recognized as the “Outstanding Alumna” from the College of Natural & Mathematical Sciences at the University of Maryland Baltimore County (UMBC)
- 2015-18 “How individual behavioral variation during predator-prey interactions determines invasion success” **PI: K.L. Laskowski**, Individual Grant from the German Research Foundation (€311.550, equivalent to ~\$367,000)
- 2011-13 “The role of the social environment in promoting consistent individual differences in responsiveness and other behaviors in sticklebacks” Doctoral Dissertation Improvement Grant from the NSF (\$14,632)
- 2011 Eloise Gerry Research Award from Graduate Women in Science (\$5,000)

2008-09 NSF Graduate Teaching K-12 Fellowship (\$30,000 stipend)

SELECTED PRESENTATIONS

Organized symposia & meetings:

- 2022** Co-organizer & speaker (with Christos Ioannou) of Royal Society sponsored discussion meeting on “Collective behavior through time” at the Royal Society in London (May 2022). Discussion meeting is two days and included a total of 16 invited speakers. The meeting is accompanied by a special issue in *Philosophical Transactions of the Royal Society B* (anticipated in early 2023) which I am guest editing with Christos Ioannou
- 2019** Co-organizer & speaker (with Ned Dochtermann, Jennifer Hellmann, Julie Morand-Ferron) of invited symposium “Behavioral plasticity: integrating variation within and among individuals and species” at Behaviour 2019, Chicago IL

Invited talks & seminars (* indicates seminar on ‘data integrity and transparency’):

- 2023** **Plenary:** Animal Behavior Society annual meeting
University of Nevada Reno, Dept of Biological Sciences
North Dakota State University, Dept of Biological Sciences
* The Interuniversity Institute for Marine Science (virtual).
- 2022** University of Bern, Applied Ethology and Animal Welfare seminar series (virtual)
1st annual Amazon Molly Meeting (virtual)
Norwegian Institute of Science and Technology (Norway)
Boston University (virtual)
- 2021** Francis Marion University, Dept of Biology science symposium (virtual)
* University of Illinois, Dept of Evolution, Ecology & Behavior
* University of Potsdam, Germany (virtual)
Plenary: Ecology & Evolutionary Ethology of Fishes (EEEEF) Conference
CSU Fresno, Department of Biology (virtual)
Plenary: Behavior, Ecology & Evolution of Poeciliid Fishes Virtual Forum
Bournemouth University, Dept of Life and Environmental Sciences (virtual)
Queens University, Ecology Evolution and Behaviour seminar (virtual)
University of Cincinnati, Department of Biological Sciences (virtual)
- 2020** Hunter College, Animal Behavior & Conservation Program (virtual)
Nacional Autonoma de Mexico, Instituto de Ecologia (virtual)
University of Montreal, Les Lundis Biologiques (virtual)
University of Alabama at Huntsville, Department of Biological Sciences (virtual)
* Animal Behavior Society conference ‘Research reproducibility in animal behavior research’
symposium
Ohio State University, Dept. of Evolution, Ecology & Organismal Biology seminar
University of California Los Angeles, Ecology & Evolutionary Biology seminar
University of Alberta, ECO & EVO seminar series

- 2019** University of California Berkeley, Museum of Vertebrate Zoology Student Invited Speaker (Berkeley, CA)
University of Bielefeld, NC3 seminar series (Germany)
Yale University, Dept. of Ecology & Evolutionary Biology seminar
University of California Davis, Dept. of Evolution & Ecology seminar
Cornell University, Dept. of Neurobiology & Behavior seminar
- 2018** University of Bristol, Life Sciences Research Seminars
Instituto Gulbenkian de Ciência, Biology seminar (Portugal)
Kyoto University, 'Towards understanding individuality' symposium
University of Quebec at Montreal, Midi Aquatiques seminar
European Conference on Behavioral Biology, 'Animal personality: providing new insights into behavior?' symposium
Society for Experimental Biology conference, 'Generality of the pace-of-life syndrome concept' symposium
- 2017** University of Potsdam, Evolutionary Biology group (Germany)
University of St. Andrews, School of Biology seminar series (Scotland)
University of Pennsylvania, Dept. of Biology seminar series
University of Konstanz, Dept. of Collective Behaviour (Germany)
- 2016** International Society for Behavioral Ecology conference, 'Statistical quantification of individual differences' symposium
University of Potsdam, Animal Ecology group (Germany)
Max Planck Institute for Ornithology, Evolutionary Ecology of Variation Group (Germany)
- 2015** University of Exeter, Dept. of Biosciences (UK)
- 2014** University of Jyväskylä, Dept. of Biol. & Envi. Sciences (Finland)
University of Vienna, Dept. of Cognitive Biology (Austria)
- 2013** International Conference on Individual Differences (The Netherlands)
University of Pittsburgh, Dept. of Biology

POPULAR SCIENCE OUTREACH & COMMUNICATION

- May 2022 "Women in Ecology & Evolution Podcast", The Case for Open Science <https://podcasts.apple.com/us/podcast/the-case-for-open-science/id1530011202?i=1000559539175>
- Aug 2022 "The Animal Behavior Podcast", Kate Laskowski on the Development of Individual Differences and Data Reproducibility <https://podcasts.apple.com/au/podcast/s2e8-kate-laskowski-on-the-development-of/id1570964188?i=1000576872647>
- Nov 2022 "The Many Minds Podcast", The point of (animal) personality <https://disi.org/the-point-of-animal-personality/>
- 2023 "The Science Paw-dcast" <https://bunsenbernerbmd.buzzsprout.com/>