

Dongmin (Dennis) Kim
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Education

2019–2024 **Ph.D.**, Ecology, Evolution, and Behavior, University of Minnesota, Twin Cities
(Advisors: [Allison Shaw](#) and [John Fieberg](#))
2013–19 **B.A.**, Statistics, University of Minnesota, Morris

Primary Academic Appointments

2024– Postdoctoral Researcher, Department of Organismic and Evolutionary Biology
(OEB), **Harvard University**, (Advisor: [Paul Moorcroft](#))
2024– Postdoctoral Researcher, Department of Ecology, Evolution, and Behavior (EEB),
University of Minnesota, (Advisor: [Jesús Pinto-Ledezma](#))

Other Academic Appointments

2024– Research Associate, [Animal-Environmental Interactions](#), **Max Planck Institute of
Animal Behavior**, (Advisor: [Kamran Safi](#))
2022–2024 Research Intern, [Movement of Life](#), **Smithsonian's National Zoo & Conservation
Biology Institute**, (Advisors: [Jared Stabach](#) and [Katherine Mertes](#))

Fellowships, honors and awards

2023–2024 University of Minnesota - Doctoral Dissertation Fellowship (**\$26,000**)
2022–2023 National Science Foundation (NSF) - INTERN Award (**\$50,329**)
2022 Smithsonian Institution Fellowship (**\$11,200**)
2022 World Wildlife Fund (WWF) BRIDGE Data Science Intern (**declined**)
2021–2023 University of Minnesota - Graduate Summer Fellowship (**\$14,570**)
2019 Howard Hughes Medical Institute (HHMI) Inclusive Excellence Teaching Assistant
Fellowship (**\$1,000**)

Teaching and Mentoring

Teaching

2022 FW 5051: Analysis of Population
2019, 2021 EEB 3407/5407: Ecology
2021 EEB 1961: Foundations of Biology Lab I
2018 STAT 3601: Data Analysis
2018 STAT 1601: Intro to Statistics

Mentoring

2023-2024 Henry Parks (undergraduate)

Peer reviewed publications

Published/In Press

- J1. A, S., AT, B., C, W., **Kim D**, M, T., N, N., P, L., R, A. & C, S. Six personas to adopt when framing theoretical research questions in biology. *Proceedings of the royal society B: biological sciences* **291** (2024).
- J2. **Kim D**, PR, T., D, W., J, M., LGR, O.-S., JD, F., T, A., MA, L. & J, F. Identifying signals of memory from observations of animal movements. *Movement Ecology* (2024).
- J3. MS, T., DW, W., SM, S., DJ, W., AB, H., **Kim D**, YF, T., GR, K. & DE, A. Conservation of North American migratory birds: insights from emerging technologies. *Avian Conservation and Ecology* (2024).
- J4. N, C., D, W., **Kim D**, J, V., S, F., NM, B., K, S., JC, T. & J, F. Modeling individual variability in habitat selection and movement using integrated step-selection analyses. *Methods in Ecology and Evolution* **15** (2024).
- J5. **Kim D** & AK, S. Migration and tolerance shape host behavior and response to parasites infection. *Journal of Animal Ecology* **90** (2021).

Under review

- U1. AK, S., L, F., S, M., **Kim D**, N, C., D, W., B, A., N, A., CE, B., R, B., *et al.* Perceived and observed biases within scientific communities: a case study in movement ecology in (2024).
- U2. **Kim D**, K, M., T, M., J, S. & J, F. Detecting disease progression from animal movement using hidden Markov models in (2024).
- U3. E, G., HS, F., TH, P., S, N., SC, G., PA, V., F, F., DG, H., RN, A.-L., JK, A., **Kim D**, *et al.* Same data, different analysts: variation in effect sizes due to analytical decisions in ecology and evolutionary biology in (2022).

In preparation

- I1. N, C., DW, W., **Kim D**, S, F., A, K., J, H. & J, F. Synthesis of methods to analyze responses to linear features using telemetry data

Presentations

Talks

- T1. Smithsonian National Zoological Park – Remote Sensing Group. Aug. 2024.
- T2. Harvard University – Moorcroft Lab. Sept. 2023.
- T3. University of Minnesota – EEB Seminar. Sept. 2023.

Posters

- P1. The Wildlife Society (TWS) Annual Conference, KY, USA. Nov. 2023.
- P2. Gordon Research Conference (GRC), Lucca, Italy. May 2023.
- P3. Gordon Research Seminar (GRS), Lucca, Italy. May 2023.
- P4. North American Duck Symposium (NADS), Winnipeg, Canada. Aug. 2019.

Academic Service

Non-academic Career Seminar

2021-2023 Lead organizer

Initiated and organized informal informational interviews with early-career researchers in non-academic positions (PhDs in Ecology, Evolution, Behavior, and Conservation Science)

Field Guides

2022-2024 Undergraduate Mentor

Mentored undergraduate students broadly interested in ecology, evolution, and behavior to help them find on-campus research positions, connect them with potential employers, help them apply to summer research positions

Bell Museum Summer Camp

2024 Mentor

Taught kids learn about animal migration, reduced fear of math, introduction to using conceptual models to study the real world

Broadening Representation and Equity With Science (BREWS)

2024 Committee Member

Brainstorm and help organize BREWS seminars and host events that broaden representation and equity within the EEB department.