

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](#))
2013–2019 **B.A.**, Statistics, University of Minnesota, Morris

Primary Academic Appointments

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

Other Academic Appointments

2024+ Research Associate, [Animal-Environmental Interactions](#), Max Planck Institute of
Animal Behavior, (Advisor: [Kamran Safi](#))
2022+ Research Intern and Associate, [Movement of Life](#), Smithsonian's National Zoo &
Conservation Biology Institute, (Advisors: [Jared Stabach](#) and [Katherine Mertes](#))
2022 Smithsonian Institution Fellow, [Migratory Bird Center](#), Smithsonian's National Zoo
& Conservation Biology Institute, (Advisors: [Autumn-Lynn Harrison](#))

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

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|------------|----------------------------------------|
| 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

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|-----------|---------------------------------|
| 2023-2024 | Henry Parks (undergraduate) |
| 2024 | Kai Ding (undergraduate) |
| 2025 | Brooklyn Lennes (undergraduate) |

Peer reviewed publications

Published/In Press

- J1. 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. *BMC Biology* (2025).
- J2. 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).
- J3. **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).
- J4. 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).
- J5. 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).
- J6. **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 (2025).
- U2. K, S., S, B., **Kim D**, Y, Y. & S, K. Variation in activity patterns of Japanese serow (*Capricornis crispus*) across different temporal scales in (2025).
- U3. **Kim D**, K, M., T, M., J, S. & J, F. Detecting disease progression from animal movement using hidden Markov models in (2025).

In preparation

- I1. **Kim D**, D, W., E, A. & J, P.-L. *Partial migration across space and time: bridging hypotheses and mechanisms*
- I2. N, C., D, 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

Broadening Representation and Equity With Science (BREWS)

2024-2025 Committee Member

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

Reviewer Experience

2024-2025 Manuscript Reviewer: 4 total

- Ecological Monographs - 2024
- Ethology - 2024
- Nature Reviews Biodiversity - 2025
- Movement Ecology - 2025

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

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

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)