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

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)
2024	Kai Ding (undergraduate)
2025	Brooklyn Lennes (undergraduate)

Peer reviewed publications

Published/In Press

J1. 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. *Proceedings of the Royal Society B: Biological Sciences* (2025).

J2. 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).

J3. 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).

J4. **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).

J5. 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).

J6. 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).

J7. **Kim D** & AK, S. Migration and tolerance shape host behavior and response to parasites infection. *Journal of Animal Ecology* **90** (2021).

Under review

U1. 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).

U2. **Kim D**, T, M., K, M., J, S. & J, F. *Detecting disease progression from animal movement using hidden Markov models* in (2025).

In preparation

I1. **Kim D**, T, P., D, W., E, A., Moorcroft, P. & 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. Harvard University – Davies and Moorcroft Labs. Apr. 2025.

T2. Smithsonian National Zoological Park – Remote Sensing Group. Aug. 2024.

T3. Harvard University – Moorcroft Lab. Sept. 2023.

T4. 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)