Dongmin (Dennis) Kim

email: dongmin_kim@g.harvard.edu
website: kimx3725.github.io

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+	<u>Postdoctoral Researcher</u>, Department of Ecology, Evolution, and Behavior University of Minnesota (Advisor: Jesus Pinto-Ledezma)
2024+	<u>Postdoctoral Researcher</u>, Department of Organismic and Evolutionary Biology Harvard University (Advisor: Paul Moorcroft)

Other Academic Appointments

2024+	<u>Research Associate</u>, Animal-Environment Interactions Max Planck Institute of Animal Behavior (Advisor: Kamran Safi)
2022+	<u>Research Associate</u>, Conservation Ecology Center Smithsonian Conservation Biology Institute (Advisors: Jared Stabach)
2022	<u>Smithsonian Institution Fellow</u>, Migratory Bird Center Smithsonian Conservation Biology Institute (Advisor: Autumn-Lynn Harrison)

Fellowships, honors and awards

2025	Institute on the Environment (IonE) Mini Grant **($3,000)**
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)**

Peer reviewed publications

Published/In Press

J1. Gould, E., Fraser, H., Parker, T., Nakagawa, S., ..., **Kim, Dongmin**, ... & Zitomer, R. A. Same data, different analysts: variation in effect sizes due to analytical decisions in ecology and evolutionary biology. *BMC Biology* (2025).

J2. Selvarajah, K., Baek, S., **Kim, Dongmin**, Yamada, Y. & Koike, S. Variation in activity patterns of Japanese serow (Capricornis crispus) across different temporal scales. *European Journal of Wildlife Research* (2025).

J3. Shaw, A., Fouda, L., Mezzini, S., **Kim, Dongmin**, Chatterjee, N., Wolfson, D., Abrahms, B., Attias, N., Beardsworth, C., Beltran, R., *et al.* Perceived and observed biases within scientific communities: a case study in movement ecology. *Proceedings of the Royal Society B: Biological Sciences* (2025).

J4. Chatterjee, N., Wolfson, D., **Kim, Dongmin**, Velez, J., Freeman, S., Bacheler, N., Shertzer, K., Taylor, J. & Fieberg, J. Modeling individual variability in habitat selection and movement using integrated step-selection analyses. *Methods in Ecology and Evolution* **15** (2024).

J5. **Kim, Dongmin**, Thompson, P., Wolfson, D., Merkle, J., Oliveira-Santos, L., Forester, J., Avgar, T., Lewis, M. & Fieberg, J. Identifying signals of memory from observations of animal movements. *Movement Ecology* (2024).

J6. Shaw, A., Bisesi, A., Wojan, C., **Kim, Dongmin**, Torstenson, M., Narayanan, N., Lutz, P., Ales, R. & Shao, C. Six personas to adopt when framing theoretical research questions in biology. *Proceedings of the Royal Society B: Biological Sciences* **291** (2024).

J7. Torstenson, M., Wolfson, D., Safran, S., Walton, D., Halberg, A., **Kim, Dongmin**, Tan, Y., Kramer, G. & Andersen, D. Conservation of North American migratory birds: insights from emerging technologies. *Avian Conservation and Ecology* (2024).

J8. **Kim, Dongmin** & Shaw, A. Migration and tolerance shape host behavior and response to parasite infection. *Journal of Animal Ecology* **90** (2021).

Under review

U1. **Kim, Dongmin**, Michelot, T., Mertes, K., Stabach, J. & Fieberg, J. Detecting disease progression from animal movement using hidden Markov models. *Journal of Applied Ecology.*

U2. Oliver, R. Y., Hébert, K., Hughey, L., Cooper, N. W., ..., **Kim, Dongmin**, ... & Pollock, L. J. Seven reasons we need movement-based indicators in global policy. *Nature Reviews Biodiversity.*

In preparation

I1. **Kim, Dongmin**, Pegan, T., Wolfson, D., Aikens, E., Moorcroft, P. & Pinto-Ledezma, J. Why migrate differently? A framework for understanding variation in partial migration. *Ecology Letters (Invitation).*

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)

Presentations

Talks

T1. Harvard University – Davies and Moorcroft Labs (*Invitation*). Apr. 2025.

T2. Smithsonian National Zoological Park – Remote Sensing Group (*Invitation*). Aug. 2024.

T3. Harvard University – Moorcroft Lab (*Invitation*). Sept. 2023.

T4. University of Minnesota – EEB Seminar (*Invitation*). 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+   Manuscript Reviewer

- Ecological Monographs
- Ecology Letters
- Ethology
- Nature Reviews Biodiversity
- Movement Ecology

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)