

## Dongmin (Dennis) Kim

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### Education

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- 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

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

### Other Academic Appointments

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

### Fellowships, honors and awards

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- 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

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### *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**, Aikens, E., Pegan, T., Moorcroft, P., Wolfson, D. & Pinto-Ledezma, J. Understanding partial migration: linking genetic, developmental, and environmental drivers. *Ecology Letters*.
- U2. **Kim, Dongmin**, Michelot, T., Mertes, K., Stabach, J. & Fieberg, J. Detecting disease progression from animal movement using hidden Markov models. *Journal of Applied Ecology*.
- U3. 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*.

## 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)
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## Presentations

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### 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

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### Movement Disease Archive (MDA)

2025+	Data curator
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Initiated MDA, a global collection of eco-epidemiological datasets that integrate animal movement and other animal-borne sensor data with diagnostic information (e.g., swabs, blood samples) from infected and susceptible wildlife.

### Broadening Representation and Equity With Science (BREWS)

2024-2025	Committee Member
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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)