

## Dongmin (Dennis) Kim

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### Education

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

### Primary Academic Appointments

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- 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

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- 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

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- 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

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#### University of Minnesota, Twin Cities

- 2022         FW 5051: Analysis of Population
- 2019, 2021   EEB 3407/5407: Ecology
- 2021         EEB 1961: Foundations of Biology Lab I

## University of Minnesota, Morris

2018            STAT 3601: Data Analysis  
2018            STAT 1601: Intro to Statistics

## Peer reviewed publications

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### *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. 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).
- J3. **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. **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 in (2024).
- U4. MS, T., DW, W., SM, S., DJ, W., AB, H., **Kim D**, YF, T., GR, K. & DE, A. North American bird migration in the context of conservation: a review in (2024).
- U5. 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

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### 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**

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### **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