

Jin Bai

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EDUCATION

North Carolina State University	Raleigh, NC, USA
<i>Ph.D. of Fisheries, Wildlife, and Conservation Biology</i>	08/2020-present
University of Florida	Gainesville, FL, USA
<i>M.S. of Wildlife Ecology and Conservation</i>	08/2017-05/2019
Northeast Forestry University	Harbin, China
<i>B.S. of Wildlife and Nature Reserve Management</i>	09/2013-07/2017

PUBLICATIONS

- **Bai, J.**, Weitekamp, C., Frye, K., Sieving, K. E. (2021). Homeward bound: canopy cover and species identity influence non-breeding season homing success and speed in forest birds. *Avian Research*, 12, 23. <https://doi.org/10.1186/s40657-021-00260-x>
- **Bai, J.**, Freeberg, T. M., Lucas, J. R., Sieving, K. E. (2021). A community context for aggression? Multi-species audience effects on territorial aggression in two species of Paridae. *Ecology and Evolution*, 11(10), 5305-5319. <https://doi.org/10.1002/ece3.7421>
- Tian, X., **Bai, J.**, Ma, X., He, X., Zhang, S., Yang, K. (2018) An empirical study of the marketing combination strategy of British zoos. *Chinese Journal of Wildlife*, 39(2), 442-451. <https://doi.org/10.19711/j.cnki.issn2310-1490.2018.02.041>
- Zhong, C., Wang, H., Qu, C., Li, H., **Bai, J.** (2016) The influence of college student innovation training program on undergraduate study – taking the major of Wildlife and Natural Reserve Management at the Northeast Forestry University as an example. *Forestry Education in China*, 34(6), 20-22.
- Zhu, Q., Zhai, W., **Bai, J.**, Huang, P. (2015) Effects of two pesticides on SOD in liver of *Perccottus glenii*. *Journal of Anhui Agriculture Science*, 43(18), 149-150. <https://doi.org/10.13989/j.cnki.0517-6611.2015.18.054>

AWARDS

- NC State University Provost's Doctoral Fellowship (\$23,000). Southeast Climate Adaptation Science Center. 04/2020
- North Shore Birding Festival Scholarship (\$150). Orange Audubon Society, FL. 12/2018
- First prize for NEFU Student Excellence Award (¥ 1,000). Northeastern Forestry University. 03/2017
- Second prize for NEFU Student Excellence Award (¥ 750). Northeastern Forestry University. 09/2016

TECHNICAL SKILLS

- ArcGIS Pro, Adobe Audition CC, DaVinci Resolve, and MAXQDA.
- Statistical analysis in R (ANOVA, GLM, GLMM, N-mixture and Occupancy model).

WORK EXPERIENCE

- Teaching Assistant of Urban Wildlife Management class at North Carolina State University. 08/2021-12/2021
- Research Assistant. School of Education at the University of North Carolina at Chapel Hill. 09/2019- 07/2020
- Clerical Student Assistant. Office of Registrar at the University of Florida in Gainesville, FL. 11/2018- 05/2019

CONFERENCES

- Angry birds: environmental and social factors influencing intra- and inter-specific aggression in sympatric Paridae. Keynote presented at Ecological Society of America 2019 Annual Meeting, Louisville, KY. 08/2019
- Angry birds: environmental and social factors influencing intra- and inter-specific aggression in sympatric Paridae. Poster presented at Florida Cooperative Fish and Wildlife Research Unit Coordinating Committee Meeting at Austin-Cary Forest, Gainesville, FL. 04/2019
- Homeward bound: Canopy cover and species identity influence winter homing success and speed in forest birds. Poster and keynote presented at Florida Ornithological Society Fall Meeting at Florida Atlantic University, Davie, FL. 11/2018

FIELD EXPERIENCE

- Conducted bird surveys to assess urban avian biodiversity from Triangle Bird Count in triangle cities of North Carolina (Carrboro, Chapel Hill, Durham, Cary, Raleigh, and Garner). 04/2021-05/2021
- Conducted field work of forest birds' playback trials under the project of sensitivity of forest birds to Tufted Titmouse contact calls. 04/2020-06/2020

- Participated in Audubon’s national project “Climate Watch” and conducted bird counts (target species: Brown-headed Nuthatch) at assigned areas in Orange County, NC. 01/2020- present
- Conducted field work of bluebirds’ nest box monitoring under the project of effect of construction noise on Eastern Bluebird reproductive biology. 03/2019-05/2019
- Participated in citizen science projects of Spring Bird Count and Christmas Bird Count in Chapel Hill NC, Durham NC, Raleigh NC, Jordan Lake NC, and Gainesville FL since 2017. 12/2017-01/2021

MANAGEMENT AND MENTOR EXPERIENCE

- Project Coordinator of “Bird-window collisions survey on UNC-Chapel Hill Campus”, a community science project from New Hope Audubon Society, NC 09/2021-10/2021
- Chair of Community Science Committee and Board member of New Hope Audubon Society, NC. 05/2021- present
- Project Coordinator of Triangle Bird Count (<https://trianglebirds.org>), NC. 04/2021- present
- Organized Global Change Seminar “Climate policies and COVID-19” and “Disaster recovery during a global pandemic” from the Southeast Climate Adaptation Science Center, Raleigh, NC. 10/2020-11/2020
- Student Mentorship, UF Student Science Training Program for High School Students, Gainesville, FL. 06/2018-08/2018
- Office Dean of the Student Union, Northeast Forestry University, Harbin, China. 07/2015-07/2016
- Vice President of Sunshine Voluntary Association, Harbin, China. 07/2015-07/2016

MEDIA COVERAGE

- Southeast Climate Adaptation Science Center. Global Change Fellow Jin Bai Explores Urban Biodiversity and Urban Ecology. July 28, 2021.
<https://secasc.ncsu.edu/2021/07/28/global-change-fellow-jin-bai-explores-urban-biodiversity-and-urban-ecology/>
- Scientific American. Bird Brawlers Love Spectators--Other Avian Species Are Welcome at Ringside. May 6, 2021.
<https://www.scientificamerican.com/article/bird-brawlers-love-spectators-other-avian-species-are-welcome-at-ringside/>
- Hometown News Brevard. UF study find link to 'audience effect' in birds. Apr 29, 2021.
https://www.hometownnewsbrevard.com/news/uf-study-find-link-to-audience-effect-in-birds/article_f3636bf4-a835-11eb-ab1f-6b554c66a1d8.html
- Phys.org. Them's fightin' birds: Study identifies other species' influence on territorial aggression. Apr 21, 2021.
<https://phys.org/news/2021-04-fightin-birds-species-territorial-aggression.html>
- Futurity. Birds may fight harder when there's an audience. Apr 20, 2021.
https://www.futurity.org/audience-effect-birds-2551532-2/?utm_source=rss&utm_medium=rss&utm_campaign=audience-effect-birds-2551532-2
- UF/IFAS News. Them’s fighting birds: Study identifies other species’ influence on territorial aggression. Apr 19, 2021.
<https://blogs.ifas.ufl.edu/news/2021/04/19/thems-fighting-birds-study-identifies-other-species-influence-on-territorial-aggression/>
- Southeast Climate Adaptation Science Center. Researcher Spotlight – Jin Bai. Mar 29, 2021.
<https://secasc.ncsu.edu/2021/03/29/researcher-spotlight-jin-bai/>