

# Natalie R. Hofmeister

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## APPOINTMENTS

Assistant Professor, Dept. of Ecology and Evolutionary Biology, University of Michigan 2022 -  
Research Fellow, Michigan Society of Fellows 2022 -

## EDUCATION

PhD Cornell University, Dept. of Ecology and Evolutionary Biology 2022  
*Advisor: Irby J. Lovette*

MA Columbia University, Dept. of Ecology, Evolution and Environmental Biology 2015  
*Advisor: Dustin R. Rubenstein*

BA St. Olaf College, Dept. of Biology (Minor in Gender Studies) 2013  
*Advisor: Steven Freedberg*

## PUBLICATIONS

(\* shared first authorship)

1. Stuart, KC\*, **NR Hofmeister\***, LH Bodt, JM Zichello, LA Rollins. 2023. Global invasion history and native range decline of the Common Starling. **Biological Invasions** 25:1291-1316, doi:10.1007/s10530-022-02982-5.
2. Stuart, KC, RJ Edwards, Y Cheng, WC Warren, DW Burt, WB Sherwin, **NR Hofmeister**, SJ Werner, GF Ball, M Bateson, MC Brandley, KL Buchanan, P Cassey, DF Clayton, T De Meyer, SL Meddle, LA Rollins. 2022. Transcript- and annotation-guided genome assembly of the European starling. **Molecular Ecology Resources** 22(8):3141-3160, doi: 10.1101/1755-0998.13669.
3. **Hofmeister, NR**, SJ Werner, and IJ Lovette. 2021. Environmental correlates of genetic variation in the panmictic European starling in North America. **Molecular Ecology** 30(5):1251-63, doi: 10.1111/mec.15806.  
Press: [All About Birds](#) [Forbes](#) [Cornell Chronicle](#)
4. Toews, DPL\*, **NR Hofmeister\***, and SA Taylor. 2017. The evolution and genetics of carotenoid processing in animals. **Trends in Genetics** 33(3):171-82, doi: 10.1016/j.tig.2017.01.002.
5. **Hofmeister, NR**, and DR Rubenstein. 2016. Environmental variability and the evolution of the glucocorticoid receptor (*Nr3c1*) in African starlings. **Ecology Letters** 19(10):1219-1227. doi: 10.1111/ele.126566.
6. **Hofmeister, NR**, M Welk, and S Freedberg. 2013. Elevated levels of  $\delta^{15}\text{N}$  in Riverine Painted Turtles (*Chrysemys picta*): Trophic enrichment or anthropogenic input? **Canadian Journal of Zoology** 91(12): 899-905. doi: 10.1139/cjz-2013-0121.

*In press*

7. **Hofmeister, NR**, KC Stuart, WC Warren, SJ Werner, M Bateson, GF Ball, KL Buchanan, DW Burt, APA Cardilini, P Cassey, T De Meyer, J. George, SL Meddle, HM Rowland, CDH Sherman, WB Sherwin, W Vanden Berghe, LA Rollins, and DF Clayton. Concurrent invasions by European starlings suggest selection on shared genomic regions even after genetic bottlenecks. bioRxiv doi: 10.1101/2021.05.19.442026. [forthcoming in **Molecular Ecology**]

## FELLOWSHIPS, GRANTS AND AWARDS

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### Fellowships (total: \$103,636)

Buttrick-Crippen Graduate Fellowship, Knight Writing Institute, Cornell [\$28,036]	2021-22
Charles Walcott Graduate Fellowship, Cornell Lab of Ornithology [\$19,829]	2019
Treman-Williams Graduate Fellowship, Cornell Lab of Ornithology [\$19,506 x2, \$19,829]	2016-18
Philip D. and Ann S. Aines Graduate Fellowship, Cornell Lab of Ornithology [\$5,568]	2019
Edsall Ornithology Graduate Fellowship, Cornell Lab of Ornithology [\$5,568]	2018
Ivy Fellowship, Cornell Lab of Ornithology [\$5,300]	2017

### Grants (total: \$92,075)

National Wildlife Research Center [\$35,000]	2023
Cornell Lab of Ornithology Athena Fund [\$2,000, \$4,000, \$11,000]	2015, 2016, 2017
American Ornithological Society Research Award [\$2,500]	2017
Andrew W. Mellon Student Research Grant [\$875]	2017
American Association of University Women Campus Action Project Grant [\$4,800]	2016
Mario M. Einaudi Center International Research Travel Grant [\$2,000]	2016
Paul P. Feeny Graduate Student Research Fund [\$1,200, \$2,400]	2016, 2017
Hesse Research Award, American Ornithologist's Union [\$2,300]	2014
Master's Thesis Grant, Graduate School of Arts & Sciences, Columbia University [\$1,500]	2014

### Awards

Ecology and Evolutionary Biology Teaching Assistant Award, Cornell University [\$100]	2020
Constance E. and Alice H. Cook Award: Improving Campus Climate for Women, Cornell [\$200]	2019
Book Award: Best Presentation by First-Year Student at EEB Symposium, Cornell [\$100]	2015

## PRESENTATIONS

(\* invited lecture)

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Ecological Society of America	2023
Seminar, University of Michigan, School of Environment and Sustainability *	2023
Seminar, Bowling Green State University, Dept. of Biology *	2023
Guest Lecture, Animal Architecture, University of Michigan *	2023
Panel Contributor, Queer and Feminist Science and Technology Studies, Colby College *	2023
Seminar, Kennesaw State U., Dept. of Ecology, Evolution, Behavior, and Organismal Biology *	2022
American Ornithological Society, virtual	2021
North American Ornithological Congress, virtual	2020
American Ornithologists' Union	2019
International Ornithological Congress (poster)	2018
North American Ornithological Congress	2016
Society for the Study of Evolution	2016
Society for Integrative & Comparative Biology (poster)	2016
Ecological Society of America (poster)	2013

## TEACHING EXPERIENCE

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### *Instructor (or Co-Instructor) of Record*

Science, Emotion, and the Climate Crisis (BIO 121)	Univ. of Michigan	Spring 2023
Invasion Biology: Threats, controversies, & the right to knowledge (BIOEE 1640, First-Year Writing Seminar)	Cornell University	Spring 2022

## TEACHING EXPERIENCE (continued, indented courses indicate special sections)

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### Graduate Teaching Assistant

Evolutionary Genomics (BIOEE 4940)	Cornell University	Fall 2020
Birds of the World (BIOEE 4752)	Cornell University	Spring 2020
Teacher Training for Writing in the Majors (GRAD 7101)	Cornell University	Spring 2018
Evolutionary Biology and Diversity (BIOEE 1780)	Cornell University	Spring 2021, 2015
Writing in the Majors (BIOEE 1780)	Cornell University	Fall 2019
Galápagos Course Co-Leader (BIOEE 1780)	Cornell University	Spring 2017, 2018
Vertebrates: Structure, Function, & Diversity (BIO 2740)	Cornell University	Spring 2016
Environmental Biology I (EEEE W2001)	Columbia University	Fall 2013
 <i>Course Assistant and other teaching roles</i>		
Art and Science of Biological Illustration (BIOEE 4940)	Cornell University	Spring 2019
Vertebrate Biology (BIO 242)	St. Olaf College	Spring 2012

## OTHER MEDIA

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### Self-authored:

**Hofmeister, N.R.** 2021. Are Starlings Really “Invasive Aliens”? Living Bird, online.  
<https://www.allaboutbirds.org/news/essay-are-starlings-really-invasive-aliens/>

### Interviewed in:

Bittel, J. “The Shakespearean Tall Tale that Shaped How We See Starlings” The New York Times, April 11, 2022.

## SERVICE AND ENGAGEMENT

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**Journal Referee:** *Molecular Ecology, Ornithological Applications, Global Ecology and Conservation*

**Grant Reviewer:** Wilson Ornithological Society Research Award

**President,** EEB Graduate Student Association, Cornell University 2016 – 2019  
**Treasurer,** EEB Graduate Student Association, Cornell University  
**Field Representative,** Graduate and Professional Student Assembly, Cornell University 2015-2016

## DIVERSITY, EQUITY, AND INCLUSION (select)

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**Graduate Program Assistant,** Migrations Initiative, Cornell University 2022  
**Graduate Facilitator,** Intergroup Dialogue Project, Cornell University 2016 – 2022  
**Member,** DEIJB Training Working Committee, EEB, Cornell University 2020 – 2021  
**President,** Graduate Women in Science (GWIS) Ithaca 2018 – 2019  
**Fundraising Chair,** Graduate Women in Science (GWIS) Ithaca 2016 – 2018  
**Member,** Graduate and Professional Student Diversity Council 2017 – 2019  
**Social Media Chair,** Cornell Diversity Preview Weekend 2017 – 2018  
**Workshop Leader,** Expanding Your Horizons Conference, Cornell University 2015 – 2017