

JOANNA W. GREENWOOD

Graduate Program in Ecology and Evolution
Rutgers University
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EDUCATION

- 2021-present **Ph.D. Candidate**, Graduate Program in Ecology & Evolution, Rutgers University
Advisor: Dr. Rachael Winfree
- 2017–2021 **B.S.**, Ecology and Field Biology, George Fox University
George Fox Honors Program
GPA: 4.00, Summa cum laude

PROFESSIONAL EXPERIENCE

- 2022–2023 **Teaching Assistant**
Department of Ecology, Evolution, and Natural Resources, Rutgers University
Primary lab instructor for *Invertebrate Zoology* and *Principles of Ecology*
- 2021 **Lead Forest Ecology Research Technician**
Parry Lab, Department of Biology, George Fox University
- 2019–2020 **Research Assistant**
Parry Lab, Department of Biology, George Fox University
- 2018–2021 **Teaching Assistant**
Department of Biology and Chemistry, George Fox University
General Biology, Environmental Science, General Chemistry, Organic Chemistry

PUBLICATIONS

Winfree, R., Reilly, J., Simpson, D., **Greenwood, J.W.**, Bartomeus, I., Benjamin, F., Cariveau, D., Genung, M., Harrison, T., MacLeod, M., Roswell, M., Smith, C., Turo, K.J. Bee abundance and pollinator visit observations of crops and wild plants in New Jersey, USA. (*submitted*).

Greenwood, J.W., Turo, K.J., Urban-Mead, K.R., Joshi, N.K., Grab, H., Biddinger, D.J., & Winfree, R. Wild bee phenology leads to different species pollinating spring- and summer-blooming crops. *Basic and Applied Ecology*. (*in review*).

PRESENTATIONS

Greenwood, J.W., K.J. Turo, M.C. Duguid, and R. Winfree (2025, October). *Wild bee community responses to clearcut and shelterwood treatments and subsequent forest stand development*. Society of American Foresters National Convention, Hartford, CT. Oral presentation.

Greenwood, J.W., K.J. Turo, and R. Winfree (2025, August). *Wild bee responses to timber harvests depend on species habitat associations*. Ecological Society of America Annual Meeting, Baltimore, ME. Oral presentation.

Greenwood, J.W., K.J. Turo, and R. Winfree (2025, July). *Forest bees and their responses to shelterwood treatments*. Yale-Myers Forest Summer Seminar Series. (attendance 52)

Greenwood, J.W., K.J. Turo, and R. Winfree (2024, October). *Bee communities in a 30-year timber harvest chronosequence*. EcoSpatial Summit, State College, PA. Flash talk.

Greenwood, J.W., K.J. Turo, and R. Winfree. (2024, June). *Old and young hardwood forests support different bee species*. North American Forest Ecology Workshop, Ashville, NC. Invited oral presentation.

Greenwood, J.W., K.J. Turo, K.R. Urban-Mead, and R. Winfree. (2023, August). *Spring and summer crop pollinators use different habitats*. Ecological Society of America Annual Meeting, Portland, OR. Poster presentation.

Greenwood, J.W., K.J. Turo, K.R. Urban-Mead, and R. Winfree. (2023, June). *Spring and summer crop pollinators use different habitats*. International Conference on Pollinator Biology, Health, and Policy. State College, PA. Poster presentation.

Greenwood, J.W., Smith, C., & Winfree, R. (2022, August) *Bees for trees: The effect of tree species composition on forest bee communities*. Joint Meeting of the Ecological Society of America and Canadian Society for Ecology and Evolution, Montréal, Canada. Oral presentation.

Gunther, J.W. & Copenhaver-Parry, P.E. (2020, August) *The hierarchy of light availability: A cascade of influences on seedling recruitment*. Ecological Society of America Annual Meeting, virtual. Poster presentation.

Gunther, J.W. & Copenhaver-Parry, P.E. (2019, August) *Into the understory: Can forest canopies protect seedlings from drought-induced mortality?* Ecological Society of America Annual Meeting, Louisville, KY. Poster presentation.

GRANTS AWARDED

2024-26	United States Department of Agriculture, NIFA Predoctoral Fellowship Program . Effects of forest age on pollinators and yield in adjacent apple orchards: Linking forest management and crop production. J.W. Greenwood (PI).	\$173,538
2022	Ecology & Evolution Small Grant , Rutgers University, Graduate Program in Ecology & Evolution	\$1,500

2021	Excellence Fellowship , Rutgers University, School of Environmental and Biological Sciences	\$32,000
2019	Richter Undergraduate Research Fellowship , George Fox University	\$4,600

AWARDS AND HONORS

2022	Ted Stiles Memorial Award for Ecological Research & Conservation , Rutgers University, Ecology & Evolution Graduate Program
2020	Murdock Poster Prize in Ecology/Evolution/Biodiversity , Murdock College Science Research Conference
2017	George Fox Honors Fellowship , George Fox University

MENTEES

2025	Bella Cueto; undergraduate work study student; collections management
2025	Sneha Bhat; undergraduate volunteer; data analysis in R
2025	Khushi Bora; undergraduate volunteer; GIS analysis
2024	Maya Lee; undergraduate student for research credit; GIS analysis for study site selection
2024	Erika Schnetzer; undergraduate work study student; specimen curation

ACADEMIC SERVICE

Peer reviewing: *Global Change Biology*, *Current Forestry Reports*, *Journal of Forestry*, *Forest Science*

OUTREACH AND SERVICE

2023-2024	Treasurer, Ecology & Evolution Graduate Student Association, Rutgers University
2022-2023	Committee Member, Diversity, Equity, & Inclusion Committee, Graduate Program in Ecology and Evolution, Rutgers University
2022-2023	Girl Scout Gold Award Project Advisor, <i>Encouraging mason bee populations</i> , Knowlton Township Troop 95627
2020-2021	Administrative Assistant, Science Outreach Program, George Fox University
2018	Teacher, Science Outreach Program, George Fox University