

Hanna Kate Jewell

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Education

- 2022-Present **Ph.D.**, University of Notre Dame, Notre Dame IN
Advisor: Dr. Julián Torres-Dowdall
4.0/4.0
- 2018-2022 **B.S.**, Boston College, Chestnut Hill MA
Major: Biology, Concentration: Physiology and Organismal Biology
3.815/4.0 GPA, *magna cum laude*

Research Experience

- 2022-Present **University of Notre Dame**, Notre Dame IN
Ph.D. Student
Advisor: Dr. Julián Torres-Dowdall
- 2021-2022 **Boston College**, Chestnut Hill MA
Undergraduate Research Assistant
Advisor: Dr. Eric S. Folker
Nuclear positioning in the blood-brain barrier
➤ Investigating the role of the LINC complex in the *Drosophila* blood-brain barrier and its contribution to nuclear positioning in subperineurial glial cells

Teaching and Mentorship Experience

- 2022-Present **University of Notre Dame**, Notre Dame IN
Teaching Assistant, General Ecology Lab, Fall 2022
➤ Taught by Dr. Dominic Chaloner
- 2021-2022 **Boston College**, Chestnut Hill MA
Teaching Assistant, General Biology, Fall 2021
➤ Taught by Dr. Anthony Annunziato
Teaching Assistant, Molecular Biology, Spring 2022
➤ Taught by Dr. Anthony Annunziato

Poster Presentations

2022 Alexandra A. Burgess, **Hanna K. Jewell**, Eric S. Folker. Spacing of nuclei in the *Drosophila* blood-brain barrier is LINC complex-dependent. *Boston College Undergraduate Research Day*, Boston College, Chestnut Hill MA, April 29 2022.

Certifications

2022 Striving for Excellence in Teaching Certification
➤ Issued by the Kaneb Center for Teaching Excellence, University of Notre Dame

2022 National Certification in Bystander Intervention
➤ Issued by GreeNDot, University of Notre Dame

Leadership and Organization Memberships

2023-Present **Coordinator**, Biofrass
➤ Organizer of the Ecology Seminar Series

2022-Present **Member**, Biology Graduate Student Organization, University of Notre Dame

2022-Present **Member**, Association of Women in Science
➤ AWIS Notre Dame Chapter member

Professional Memberships

2023-Present **Member**, American Livebearer Association

2022-Present **Member**, Society for the Study of Evolution

References

Dr. Julián Torres-Dowdall: University of Notre Dame, Galvin Hall 216
➤ Email: torresdowdall@nd.edu
➤ Telephone: 574-631-6597

Dr. Eric S. Folker: Boston College, Higgins Hall 578
➤ Email: eric.folker@bc.edu
➤ Telephone: 617-552-1809