

Daria Grace Gundermann

Concord, Massachusetts, USA
dariaggundermann@gmail.com

Education:

-
- | | |
|----------------------|--|
| Fall 2019 – May 2023 | University of Virginia (UVA), USA <ul style="list-style-type: none">- Environmental Science (BS, 3.98), Biology (BA, 3.95)- Specialization in Ecological and Biological Conservation |
|----------------------|--|

Research:

-
- | | |
|---------------------|---|
| Sep 2023 – Present | Fulbright Research Scholar at the Leibniz Institute of Freshwater Ecology and Inland Fisheries in Berlin, Germany working with Sonja Jähnig and Sven Würtz <ul style="list-style-type: none">- Creating metrics for <i>Global Swimways Project</i> with IUCN newly-updated data- Analyzing stress-prediction of understudied Coregonus (whitefish) species |
| May 2023 – Sep 2024 | Intergovernmental Panel of Biodiversity and Ecosystem Services (IPBES) <ul style="list-style-type: none">- Contributing author for upcoming IPBES Nexus assessment, chapter 4 (<i>Policy and sociopolitical options across the nexus that could facilitate and accelerate the transition to a range of sustainable futures</i>)- Examined how <i>indigenous and local knowledge</i> effects nexus scaling options |
| Aug 2022 – Sep 2024 | Vietnam Science Embassy Project (‘Climate-Smart’ fisheries and aquaculture) <ul style="list-style-type: none">- Assistant researcher, examining how <i>climate change</i> is impacting the Mekong Delta and proposing more resilient fisheries practices and strategies |
| Jan 2022 – Sep 2024 | US Geological Survey – Inland Fish and Climate Change Database (FiCli) <ul style="list-style-type: none">- Author on paper examining how research focuses have changed through time- Conducted three years of database updates with new literature (2021-2023) |

Scholarship Programs & Awards:

-
- | | |
|------------------------|--|
| August 2020 – May 2023 | High Honors, Seasonal Adaptation in <i>Drosophila melanogaster</i> undergraduate thesis <ul style="list-style-type: none">- Computational genetics – analyzed impact of inversion 2Lt on seasonal phenotypic variation using genome-wide association studies, PCA, Rstudio |
| May 2022 – August 2022 | DAAD RISE (Deutscher Akademischer Austauschdienst) scholarship recipient: <ul style="list-style-type: none">- Researched bird-forest trophic interactions at the Graduate School ConFoBi at Albert-Ludwigs-Universität Freiburg, Germany- Aided in species richness and abundance assessment in the Black Forest |
| February 2023 | Small Research and Travel Grant – by University of Virginia, \$800 <ul style="list-style-type: none">- Funded presentation at American Fisheries Society Southern Division Conference regarding FiCli Topic Modeling publication <p>Echols Scholar Program member (5% of each class) – a UVA merit program that provides unique academic freedom and courses:<ul style="list-style-type: none">- Two-year Chair of Echols Academic and Professional Development Committee- Director of Summer 2021 Campfire Chats Program</p> <p>Raven Scholar (0.5% of each class) – UVA’s “oldest and most prestigious honorary society”</p> |

Writing:

-
- | | |
|-------------------------|--|
| Summer 2020 | Published author – Novella <i>Under Our Sun</i> on Amazon (ISBN: 9798667293347) |
| Spring 2023 | American Fisheries Society student column writer, describing FiCli and uses |
| Fall 2020 – Spring 2023 | Editor-in-Chief for <i>Grounds, the Virginia Journal of Bioethics</i> (’22 – ’23 year) <ul style="list-style-type: none">- Writer (five publication cycles) and editor (seven publication cycles) |