Evelyn M. Beaury

Assistant Curator, New York Botanical Garden

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RESEARCH INTERESTS

The biogeography and macroecology of global change, with a focus on the spatial ecology, policy, and management of plant invasions and their interactions with land-use and climate change.

EDUCATION

2022 **PhD, Organismic and Evolutionary Biology, University of Massachusetts Amherst**

Thesis: The spatial distribution of invaive plant presence, abundance, and impact

2017 **BA, Ecology and Evolutionary Biology & French, University of Colorado Boulder**

Thesis: Vegetative response to long-term resource manipulations in the alpine tundra
Summa Cum Laude

PROFESSIONAL APPOINTMENTS & EXPERIENCE

2024- **Assistant Curator, Center for Conservation and Restoration Ecology, New York Botanical Garden**

Affiliate Faculty Appointments at The City University of New York, Columbia University, and Florida International University

2022-24 **Postdoctoral Research Associate, Ecology & Evolutionary Biology, Princeton University**

2017-22 **NSF Fellow and Teaching Assistant, Organismic and Evolutionary Biology, University of Massachusetts Amherst**

FUNDING

2026-29 **NASA ROSES A. 60 Earth Action: Ecological Conservation** **$747,950**

Lead PI on a collaborative grant; Award #24-ECON24-0050; NYBG Portion $307,162
Mapping changes in invasive plant abundance to support ecological conservation

2026-28 **New York State Department of Environmental Conservation** **$64,587**

PI; Terrestrial and Aquatic Invasive Species Research Program
Assessing spatial and temporal patterns of invasive species introductions, spread, and impacts at the New York Botanical Garden

2026-29 **Environmental Data Science Impact & Innovation Lab Working Group** **$57,036**

Co-PI and Collaboration Lead for a Working Group grant
CMSMapper: Optimal climate mitigation planning for nature and people

2026 **The Architectural League of New York Independent Projects Program.** **$10,000**

Co-PI on a collaborative award for exhibition design; displayed at NYBG May-Oct 2026
Evolving with Plants: An Exploration of the Botanical Conservatory

2025-28 **NSF Human-Environment and Geographical Sciences Program** **$499,160**

PI; Award #2522057
Mapping plant trade as a driver of biological invasions

HONORS AND AWARDS

2025	Invited Leadership Program, Environmental Data Science Innovation & Impact Lab
2025	Princeton EEB Team Award for Service to the Greater Community
2023	Doctoral Dissertation Award Runner-Up, International Biogeography Society
2021	Team Climate Adaptation Leadership Award, Fish and Wildlife Service
2021	NSF Graduate Research Internship Program; U.S. Geological Survey ($5000)
2021	Graduate Student Policy Award, Ecological Society of America
2020	Simberloff Award for Outstanding Presentation, Ecological Society of America
2019-21	NSF Graduate Research Fellowship ($102,000)
2019	Invited Student Workshop on Socio-Environmental Synthesis at SESYNC
2019	UMass College of Natural Sciences Teaching Fellowship ($3000)
2018-19	USGS Northeast Climate Adaptation Science Center Graduate Fellowship
2018	Best Student Presentation Award, Northeast Arc Users Group Conference
2016	Marian and Gordon Alexander Fellowship for Montane Research; CU Boulder
2016	Undergraduate Research Opportunities Program Grant; CU Boulder
2016-17	Chancellor's Achievement Scholarship, University of Colorado Boulder

PEER-REVIEWED PUBLICATIONS

In review	Buonaiuto, D.M.; Pearse, I.S.; Barnett, D.; Blumenthal, D.M.; Nebhut, A.N.; Sofaer, H.R.; Dukes, J.S.; Sorte, C.J.B.; **Beaury, E.M**.; Corbin, J.D.; Garbowski, M.; Ibañez, I.; Petri, L.; Vilà, M.; Bradley, B.A. Aridity and non-native diversity determine biotic homogenization of plant communities in the United States.
In review	Nuhfer, T.; Fertakos, M.; Allen, J.; **Beaury, E.M**; Charlwood, J.; Lieurance, D.; Susak, P.; Stern, E.; Bradley, B. Existing and emerging invasive plants of the northeastern U.S.
In review	Evans, A.E., Jarnevich, C.S., **Beaury, E.M.,** Engelstad, P.S., Teich, N.B., LaRoe, J.M., Bradley, B.A. Shifts in invasive plant abundance hotspots across the western United States.
In review	Tavarez, Y., Parsons, E.W., Murphy, M., Brewer, F. **Beaury, E.M.** The risk of ornamental invasive plant introductions for Hawaiian ecosystems.
In review	Tavarez, Y., Parsons, E.W., Murphy, M., **Beaury, E.M.** Expanding e-commerce and increasing caution in the ornamental trade of invasive plants.
In review	Meyerson, L., Canavan, S., Lockwood, J.L, Waine, A., **Beaury, E.M**., O'Shaughnessy, K.A., Shea, K., Carlton, J.T., Simberloff, D., Lieurance, D. Uncovering Sleeper Pathways: The Unrecognized, Dormant, Shifting, and Ignored Routes and Vectors Fueling Biological Invasions.
In review	Smith, J.R., Petry, W.K., **Beaury, E.M.**, Richardson, P.R., Stouter, H., Michaels, R.L., MacArthur-Waltz, D.J., Mi, C., Levine, J.M. Local biodiversity impacts of land-based climate change mitigation strategies: A meta-analysis.
In press	Pearse, I. Barnett, D., **Beaury, E.M.**, Blumenthal, D., Bradley, B., Buoniauto, D., Corbin, J., Dukes, J., Nebhut, A., Sofaer, H., Sorte, C., Vila, M., Petri, L. (2026). How do we know when invasive species control strategies work? *Trends in Ecology and Evolution.*
In press	Canavan, S., Avery, J. D., Barney, J. N., **Beaury, E. M.**, Canavan, K., Albuja Carbonel D., Daniel, W., Elwell, L., Engelstad, P., Faulkner, K. T., Greenwood, L., Himes, H., Jarnevich, C., Jarić, I., Kendig, A., Lockwood, J. L., Martin, C. W., McMaster,

H., Meyerson, L. A., O'Shaughnessy, K. A., Parsons, E. W., Richman, A. D., Shea, K., Simberloff, D., Sofaer, H. R., Sturtevant, R., Suzzi-Simmons, A., Taheri, A., van der Heide, E., Waine, A., Lieurance, D. Secondary pathways are an important, but neglected aspect of biological invasions. *Biological Invasions.*

2026 **Beaury, E.M.**, Levine, J.M. (2026). Feedbacks between natural climate solutions and plant invasions. *Environmental Research Letters*. DOI 10.1088/1748-9326/aeb0b9

2026 Cazzaniga, S.G., & 108 co-authors, including **Beaury, E.M.** (2026). Mycorrhizal strategy of non-native plants varies with biome and disturbance. *Nature Ecology & Evolution.* https://doi.org/10.1038/s41559-026-03144-9

2026 Fertakos, M, Nuhfer, T; **Beaury, E.M.**; Birch, S; Singh, K; Bradley, B; Marshner, C; Allen, J. (2026). The-climate smart gardening database: Native and near-native garden plants for the northeastern United States. *Ecological Solutions and Evidence*. 7, e70281. https://doi.org/10.1002/2688-8319.70281

2025 Blumenthal, D. Diez, J., Pearse, I, Sofaer, H.R., Sorte, C.J.B., Barnett, D., **Beaury, E.M.**, Bradley, B.A., Corbin, J.D., Dukes, J.S., Early, R., Ibáñez, I., Laughlin, D.C., Petri, L., Vilà, M. (2025). Why are non-native plants successful? Consistently fast economic traits and novel origin jointly explain abundance across US ecoregions. *New Phytologist.* https://doi.org/10.1111/nph.70307

2025 Bradley, BA, Evans, A, Vilà, M, Barnett, D; **Beaury, EM**; Blumenthal, D; Corbin, J; Dukes, et al. (2025). A quantitative classification of the geography of non-native flora in the U.S. *Global Ecology and Biogeography.* https://doi.org/10.1111/geb.70041

2025 Smith, J., **Beaury, E.M.**, Cook-Patton, S., Levine, J. Variable impacts of land-based climate mitigation on habitat area for vertebrate diversity. (2025) *Science*. 387 (6732), 420-425. DOI:10.1126/science.adm9485.

Press coverage in Mongabay, Anthropocene Magazine

2024 Evans, A.E., Colberg, E.M., Allen, J.M., **Beaury, E.M.**, Brown-Lima, C., Morelli, T.L., Bradley, B.A. (2024) Boundary-spanning increases knowledge and action on invasive species in a changing climate. *Ecological Solutions & Evidence*. https://doi.org/10.1002/2688-8319.12387.

2024 **Beaury, E.M**., Smith, J., Levine, J.M. Global suitability and spatial overlap of land-based climate mitigation strategies. (2024) *Global Change Biology, 30, e17515.* https://doi.org/10.1111/gcb.17515.

Press coverage in CarbonBrief

2024 Garbowski, M., Laughlin, D., Blumenthal, D., Sofaer, H., Barnett, D., Corbin, J., Nebhut, A., Petri, L., Vilà, M., Buonaiuto, D., Dukes, J., **Beaury, E.M.,** Pearse, I. (2024) Naturalized species drive functional trait shifts in plant communities. *PNAS. 121 (40) e2403120121.*

2024 Bradley, B., **Beaury, E.M.**, Gallardo, B., Ibáñez, I., Jarnevich, C., Morelli, T.L., Sofaer, H.R., Sorte, C., Vilà, M. (2024) Observed and Potential Range Shifts of Native and Non-Native Species with Climate Change. *Annual Review of Ecology, Evolution, and Systematics, 5*5.

2023 Evans, A.E., Jarnevich, C.S., **Beaury, E.M.**, Engelstad, P.S., Teich, N.B., LaRoe, J., Bradley, B.A. (2023) Shifting hotspots: Climate change projected to drive contractions and expansions of invasive plant abundance ranges. *Diversity & Distributions.* https://doi.org/10.1111/ddi.13787.

2023 **Beaury, E.M.**, Allen, J.M, Bradley, B.A., Evans, A., Fertakos, M.E., Pfadenhauer, W.G.,

Nelson, M. (2023) Horticulture could facilitate invasive plant range infilling and several cases of range expansion with climate change. *Bioscience.* https://doi.org/10.1093/biosci/biad069

Press coverage in The New York Times

2023 **Beaury, E.M.**, Sofaer, H.R., Early, R., Pearse, I.S., Blumenthal, D.M., Corbin, J.D., Diez, J., Dukes, J.S., Barnett, D.T., Ibáñez, A., Petri, L., Vilà, M., Bradley, B.A. (2023). Macroscale analyses suggest invasive plant impacts depend more on the composition of invading plants than on environmental context. *Global Ecology and Biogeography,* https://doi.org/10.1111/geb.13749

2023 **Beaury, E.M.**, Jarnevich, C., Pearse, I., Evans, A.E., Teich, N., Engelstad, P., LaRoe, J., Bradley, B.A. Modeling habitat suitability across different levels of invasive plant abundance. *Biol Invasions*, https://doi.org/10.1007/s10530-023-03118-z

2023 Fertakos, M.E., **Beaury, E.M.**, Ford, N., Bradley, B.A. Historical plant sales (HPS) database: Documenting the spatiotemporal history of native and introduced plant sales in the conterminous U.S. *Ecology* 104(7): e4106. https://doi.org/10.1002/ecy.4106

2023 Fusco, E.J., **Beaury, E.M.**, Bradley, B.A., Cox, M., Jarnevichm C.S., Mahood, A.L., Nagy, R.C., Nietupski, T., Halofsky, J.E. The invasive plant data landscape: A synthesis of spatial data and applications for research and management. *Landscape Ecology*, 1-19.

2023 Ibáñez, I., Petri, L., Barnett, D.T., **Beaury, E.M.**, Blumenthal, D.M., Dukes, J.S., Corbin, J.D., Early, R., Pearse, I.S., Sorte, C.J.B, Vilà, M., Bradley, B.A. Combining local, landscape, and regional geographies to assess plant community vulnerability to invasion impact. *Ecological Applications,* e2821.

2023 Petri, L., **Beaury, E.M.**, Corbin, J., Peach, K., Sofaer, H., Pearse, I.S., Early, R., Barnett, D.T., Ibáñez, I., Peet, R.K., Schafale, M., Wentworth, T.R., Vanderhorst, J.P., Zata, D.N., Spyreas, D., Bradley, B.A. SPCIS: Standardized Plant Community with Introduced Status Database. *Ecology* e3947.

2022 Bradley, B.A., **Beaury, E.M.**, Fusco, E.J., Lopez, B.E. Invasive species policy must embrace a changing climate. *BioScience,* https://doi.org/10.1093/biosci/biac097

2022 Hodžić, J., Pearse, I., **Beaury, E.M.**, Corbin, J.D. & Bakker, J.D. Root hemiparasitic plants are associated with more even communities across North America. *Ecology.* https://doi.org/10.1002/ecy.3837.

2022 Lopez, B.E., Allen, J.M., Dukes, J.S., Lenoir, J., Vila, M., Blumenthal, D.M., **Beaury, E.M.**, Fusco, E.J., Laginhas, B.B., Morelli, T.L., O'Neil, M.W., Sorte, C.J.B, Maceda-Veiga, A., Whitlock, R., Bradley, B.A. Biological invasions interact with global environmental change to create ecological surprises. *PNAS*. 119.22: e2117389119.

2022 Bradley, B.A., **Beaury, E.M.**, Fusco, E.J., Munro, L., Coville, W., Kesler, B.,Parker, J., Brown-Lima, C., & Olmstead, N. Breaking down barriers to consistent, climate-smart regulation of invasive plants - a case study in the Northeast U.S. *Ecosphere.* https://doi.org/10.1002/ecs2.4014

2021 **Beaury, E.M.**, Patrick, M., & Bradley, B.A. (2021). Invaders for sale: the ongoing spread of invasive species by the plant trade industry. *Frontiers in Ecology and the Environment.* doi:10.1002/fee.2392

Press coverage in the Smithsonian Magazine, Miami Herald, Gardenista, and others

2021 **Beaury, E.M.**, Fusco, E.J., Allen, J.M., & Bradley, B.A. (2021) Plant regulatory lists in

the U.S. are reactive and inconsistent. *Journal of Applied Ecology*, 58, 1957–1966. https://doi.org/10.1111/1365-2664.13934

Press coverage in The Wall Street Journal

2021 **Beaury, E.M**., Finn, J.T., Corbin, J.D., & Bradley, B.A. (2021) Habitat covariates do not artificially cause a negative correlation between native and non-native species richness. *Ecology Letters,* 24: 1735-1737. https://doi.org/10.1111/ele.13782

2021 Morelli, T.L., Brown-Lima, C., Allen, J., **Beaury, E.M.**, Fusco, E.J., Barker-Plotkin, A., Laginhas, B.B., Quirion, B., Griffin, B., McLaughlin, B., Munro, L., Olmstead, N., Richburg, J., Bradley, B.A. (2021). Translational Invasion Ecology: Bridging research and practice to address one of the greatest threats to biodiversity. *Biological Invasions*. https://doi.org/10.1007/s10530-021-02584-7

2021 Vilà, M., **Beaury, E.M.**, Blumenthal, D., Bradley, B.A., Early, R., Laginhas, B.B., Trillo, A., Dukes, J.S., Sorte, C.J.B., & Ibáñez, I. (2021). Understanding the combined impacts of weeds and climate change on crops. *Environmental Research Letters, 16*(3), 034043. https://doi.org/10.1088/1748-9326/abe14b

2020 Seastedt, T., White, C.T., Tucker, C., **Beaury, E.M.**, Concilio, A., Gasarch, E., Haggans, V., & J. Smith. (2020). Decadal dynamics of dry alpine meadows under nitrogen and phosphorus additions. *Plant Ecology* 221, 647–658. https://doi.org/10.1007/s11258-020-01039-8.

2020 Wallingford, P.D., Morelli, T.L., Allen, J.M., **Beaury, E.M.**, Blumenthal, D.M., Bradley, B.A., Dukes, J. S., Early, R., Fusco, E.J., Goldberg, D.,E., et al. Adjusting the lens of invasion biology to focus on the impacts of climate-driven range shifts. *Nature Climate Change*. 10, 398–405. https://doi.org/10.1038/s41558-020-0768-2.

2020 **Beaury, E.M.**, Finn, J.T., Corbin, J.D., Barr, V. & Bradley, B.A. (2020). Biotic resistance to invasion is ubiquitous across ecosystems of the United States. *Ecology Letters*, 23: 476-482. doi:10.1111/ele.13446

2019 **Beaury, E.M.,** Fusco, E.J., Jackson, M.R., Laginhas, B.B., Morelli, T.L., Allen, J.M., Pasquarella, V.J., & Bradley, B.A. (2019). Incorporating climate change into invasive species management: insights from managers. *Biological Invasions*, 22: 233. doi.org/10.1007/s10530-019-02087-6.

INVITED TALKS

2026 Horticultural Alliance of the Hamptons Lecture Series (30 participants)

2026 Keynote speaker, Ecological Landscape Alliance Annual Conference (150 participants)

2026 Invasive Species in E-Commerce National Forum, hosted by the Great Lakes Commission (70 participants).

2026 University of Maryland, Plant Science & Landscape Architecture Department Seminar (20 participants).

2026 Florida International University's Institute for Tropical Botany Plant Talk (40 participants).

2026 Long Island Horticulture Conference (150 participants).

2025 City College of New York, Biology Colloquium Series (30 participants).

2025 Plenary speaker, California Invasive Plant Council Symposium (300 participants).

2025 University of Pittsburgh, Ecology and Evolution Department Seminar (30 participants).

2025 New York Botanical Garden Monthly Webinar Series (95 participants).

2025 Keynote address, Managing Invasives: Mindful Ecological Approaches Symposium

hosted by the Perfect Earth Project (200 participants).

2025 Northeast Native Plant Workshop hosted by Halfmoon Seminars (22 participants).

2025 Pennsylvania Invasives Webinar Series (400 participants).

2024 Wildfires, Invasive Species, and Climate Change Conference, Canadian Council on Invasive Species (215 participants).

2024 Panelist, COP16 United Nations Biodiversity Conference Session on Nurturing Nature Through Plant-based Solutions for Long-Term Climate Resilience (50 participants).

2024 American Society of Landscape Architects Webinar (70 participants).

2024 Columbia University, Ecology, Evolution, and Environmental Biology Department Seminar (30-40 participants).

2024 National University of Singapore, Joint Workshop on Nature-Based Solutions (20 participants).

2024 King County Weed Management Webinar (300 participants).

2024 Defenders of Wildlife Center for Conservation Innovation Seminar (20 participants).

2024 Resilient Long Island Symposium (180 participants).

2024 Hunterdon County Master Gardeners Seminar (40 participants).

2024 Natcap Research Seminar (20 participants).

2024 New York Botanical Garden Science & Humanities Seminar (40 participants).

2023 Ohio Invasive Plant Council Annual Meeting (100 participants).

2023 Native Plant Society of New Jersey Webinar (40 participants)

2023 UC Berkeley, Department of Environmental Science, Policy & Management Seminar (50 participants).

2023 Northeast Native Plant Workshop, hosted by HalfMoon Education.

2022 UC Davis, Department of Plant Sciences Seminar.

2022 Keynote speaker, New Jersey Strike Team Annual Conference.

2022 Montana Invasive Species Council Webinar.

2022 Central Plant Board Conference.

2022 Master Gardeners of Massachusetts.

2022 Life Science Café, University of Massachusetts Public Lecture Series.

2021 Massachusetts Pollinator Network Webinar.

2021 Minnesota Noxious Weed Advisory Committee Webinar.

2021 Amherst Garden Club Monthly Meeting.

CONFERENCE PRESENTATIONS

2026 Ecological Society of America Annual Conference (talk in an organized oral session)

2025 North American Invasive Species Management Association Annual Conference (talk)

2025 Society for Ecological Restoration Annual Conference (talk)

2025 Ecological Society of American Annual Conference (career panel)

2024 International Biogeography Society Biannual Meeting (talk).

2023 Ecological Society of America Annual Conference (talk).

2022 British Ecological Society Annual Conference (poster).

2022 Ecological Society of American Annual Conference (talk).

2022 Northeast Regional Invasive Species and Climate Change Management Network Symposium (lightning talk).

2021 North American Invasive Species Management Association Annual Conference (talk).

2021 Ecological Society of America Annual Conference (talk).
2020 North American Invasive Species Management Association Conference (talk).
2020 Ecological Society of America Annual Conference (talk).
Simberloff Award for Outstanding Presentation.
2020 International Association of Landscape Ecology Annual Conference (talk).
2019 North American Invasive Species Management Association Annual Conference (talk).
2019 Northeast Association of Fish and Wildlife Agencies Conference (talk).
2019 UMass School of Earth and Sustainability Student Showcase (poster).
2018 Northeast Arc Users Group Conference (poster).
Best Student Presentation.

PROFESSIONAL SERVICE AND OUTREACH

Professional and departmental contributions

- **Co-Lead**, Invasive Species Working Group, New York Botanical Garden, 2024-present
  - Interdiscplinary group developing best management practices and educational resources for reducing invasive species spread through ornamental horticulture
- **Leadership team**, Regional Invasive Species and Climate Change Management Networks (https://www.risccnetwork.org/), 2017-present
  - Network facilitating research to practice for >1000 researchers and practitioners in the northeast U.S.
  - ***2021 Association of Fish and Wildlife Climate Adaptation Leadership Award***
- **Science Advisory Board**, Plant it Wild (https://www.planitwild.com/)
- **Researcher**, Global Change and Invasions Working Group, 2017-present
  - Funded group meetings: La Estación Biológica de Doñana (2018), The National Center for Ecological Analysis & Synthesis (2019-2021), USGS Powell Center (2023-2025).
- **Associate Editor**: Biological Invasions (2024-present); The Botanical Review (2025-present); Management of Biological Invasions (2019-25)
- **Reviewer**: *Nature, Nature Communications: Earth and Environment, PNAS, Ecology Letters, Bioscience, Ecology, Ecology & Evolution, Diversity & Distributions, Biological Invasions, NeoBiota, Ecological Applications, Restoration Ecology, Conservation Biology, Rethinking Ecology, Journal of Vegetation Science, Management of Biological Invasions*
- **Nominated for the Henry Horn Award for Service**, Department of Ecology and Evolutionary Biology, Princeton University, 2024
- **Officer**, Council to serve Postdoctoral Fellows, Princeton University, 2022-23
- **President**, Organismic and Evolutionary Biology Graduate Program, UMass Amherst, 2020
- **Invited Researcher**, Student Workshop on Socio-Environmental Synthesis, 2019

Diversity, equity, and inclusion

- **Co-organizer** of the Princeton Plant Ecology Field Workshop, 2022-24
  - Annual field course for students from underrepresented backgrounds in environmental science, described further under 'Teaching and Mentoring'
  - ***2025 Princeton EEB Award for Service to the Greater Community***
- **Co-organizer** of the Ecology and Evolutionary Biology Anti-Bias Discussion Series, 2024
- **Postdoc Representative**, 'Climate for All' committee to increase inclusion in Ecology and Evolutionary Biology, Princeton University, 2022-24
- **Co-author** of the 'Action Plan to Institute Structural Changes to Support the UMass Black and Brown Community', University of Massachusetts Amherst, 2020

- **Co-facilitator** of the Organismic and Evolutionary Biology Graduate Program forum on anti-racism, 2020

Science communication

- **Media coverage** (including interviews and articles): Growing Greener Podcast, Plant People Podcast, The New York Times, Smithsonian Magazine, Miami Herald, Gardenista, Mongabay, Anthropocene Magazine
- **Contribution to technical report**, Scaling Ecosystem Restoration Through Botanical Garden Networks (Grover et al. 2026; https://www.bgci.org/wp/wp-content/uploads/2026/10/Scaling.pdf)
    - Authored a Thematic Report: "The Role of Invasion Science and Ornamental Horticulture in Climate-Resilient Restoration"
- **Author/Co-author**, Plant Talk Blog Posts, New York Botanical Garden
    - What Can Urban Gardens Teach Us About Biodiversity?, 2026
    - Seeding Ecosystems of the Future, 2025
- **Author/Co-author**, RISCC management briefs translating science to practice (https://www.risccnetwork.org/research-to-practice); Selected examples:
    - **Beaury, EM**., Brincka, M., Gutierrez, G., & Bradley, B. (2025). "Seeds of change: Assisting gene flow for climate-smart restoration."
    - **Beaury, E.M.**, Barker-Plotkin, A., Brown-Lima, C., Fusco, E.J., Griffin, B., Joubran, S., Laginhas, B.B., Graham MacLean, M., Morelli, T.L., et al. (2020). "Taking Action: Managing invasive species in the context of climate change."
- **Author**, CarbonBrief Guest Post: 'The conflicting practices in using land to tackle climate change', 2025
- **Author**, Pennsylvania iMapInvasives newsletter: 'Limiting the Spread of Invasive Ornamental Plants' (https://tinyurl.com/srahp9ek), 2022
- **Nominated for the Northeast Outdoor Writers Association Award**, 2021
- **Organizer**, Life Science Café (https://sci-stories.org/life-science-cafe/), 2017-2021
- **Vice President & author/editor**, That's Life [Science] Blog and Outreach (https://sci-stories.org/thats-life-science/), 2017-2021

MENTORING

Alumni: https://www.beaurylab.com/about

Current Postdocs and Graduate Students

Matthew Fertakos, Postdoctoral Fellow, New York Botanical Garden, 2026-present

Meredith Preve, PhD student, Florida International University, 2025-present

NSF GRFP Honorable Mention

Thomas Huebler, PhD student, City University of New York, 2026-present

NSF GRFP Receipient

Current Undergraduate and High School Students

Carly Herman, Bergen County Technical School, 2026-present

TEACHING

Instructor, New York Botanical Garden High School Explainers Program, 2025-present

Bronx teen internship program; field monitoring and data analysis to understand the effect of urban gardens on biodiversity

Guest Lecturer, UMass Amherst, Conservation Biology, 2025

Guest Lecturer, Western Massachusetts Master Gardener Association, Intern Training Class, 2025

Guest Lecturer, Yale School of the Environment, Invasive Species: Ecology, Policy, and Management, 2025

Instructor, Annual Princeton Plant Ecology Field Workshop, Island Beach State Park, NJ, 2022-24

Instructor/Teaching Fellow, Freshman Seminar on Invasive Species, UMass Amherst, 2019

Teaching Assistant, Introduction to GIS with Lab, UMass Amherst, 2018-19