

DR. STACY B. ENDRISS

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PROFESSIONAL EXPERIENCE

August 2022 – present

Assistant Professor

Department of Environmental Sciences, University of North Carolina Wilmington, Wilmington, NC
Teach and maintain a robust field- and lab-based interdisciplinary research agenda within the fields of wetlands ecology, management, and environmental science

Oct 2021 – July 2022

Research Associate

Feb 2018 – Sept 2021

Postdoctoral Research Associate

Department of Natural Resources and the Environment, Cornell University, Ithaca, NY (in the lab of Dr. Bernd Blossey)
Develop and lead collaborative, innovative research on the impacts of plant invasions and our efforts to manage them, particularly in the context of biological control

EDUCATION

Fall 2011 – Spring 2018

Ph.D. in Ecology, Colorado State University, Fort Collins, CO

Dissertation: “Frameworks for testing mechanisms of invasion and plant defense”
Co-advisors: Dr. Ruth Hufbauer and Dr. Andrew Norton

Fall 2006 – Winter 2009

cum laude, B.A. in Biological Sciences, Cornell University, Ithaca, NY

Honors research thesis: “Origin is not the answer: The importance of host population for aphid performance on common reed *Phragmites australis*”

PUBLICATIONS

📄 invited articles 📖 book chapter

6. **Endriss SB**, Alba C, Hufbauer RA. 2022. Using biological invasions to improve plant defense theory: *Verbascum thapsus* as a model system. *Entomologia Experimentalis et Applicata*, 170(8):632–645. *Special issue: Insect-Plant Relationships: <http://doi.org/10.1111/eea.13195>
- 📖 5. **Endriss SB**, Nuzzo V, Blossey B. 2022. Success takes time: History and current status of biological control of purple loosestrife in the U.S. *In: Contributions of Classical Biocontrol to the U.S. Food Security, Forestry, and Biodiversity*. Van Driesche RG, Winston R, Lopez V, Hoddle M, Duan J, Elkinton J (eds).
4. Gaskin JF, **Endriss SB**, Fettig C, Hufbauer RA, Norton AP, Sforza R. 2021. One genotype dominates a facultatively outcrossing plant invasion. *Biological Invasions*, 23:1901–1914.
3. Blossey B, **Endriss SB**, Casagrande R, Häfliger P, Hinz H, Dávalos A, Brown-Lima C, Tewksbury L, Bouchier RS. 2020. When misconceptions impede best practices: evidence supports biological control of invasive *Phragmites*. *Biological Invasions*, 22:873–883.
2. **Endriss SB**, Vahsen ML, Bitume EV, Monroe JG, Turner KG, Norton AP, Hufbauer AP. 2019. The importance of growing up: juvenile environment influences dispersal of individuals and their neighbors. *Ecology Letters*, 22:45–55.
1. **Endriss SB**, Alba C, Norton AP, Pyšek P, Hufbauer RA. 2018. Breakdown of a geographic cline explains high performance of introduced populations of a weedy invader. *Journal of Ecology*, 106:699–713.

ACCEPTED MANUSCRIPTS

1. Collins J, **Endriss SB**, Dávalos A. Deer, earthworms, and invasive plant removal are associated with degradation of plant communities. (initially submitted on June 7, 2022 to *Ecosphere*, accepted on December 12, 2023, currently awaiting pre-prints)

PEER-REVIEWED FACTSHEETS (SOON TO BE IN REVISION)

1. Blossey, B. and S.B. Endriss. 2023. Purple Loosestrife Biocontrol Agents: History and Ecology in North America. *In*: R.L. Winston, Ed. Biological Control of Weeds in North America. North American Invasive Species Management Association, Milwaukee, WI. NAISMA-BCW-2023-28-PURPLE LOOSESTRIFE-A.
2. Blossey, B., P. Häfliger, R.S. Bouchier, R.A. Casagrande, S. Endriss, M. McTavish and L. Tewksbury. 2022. Common Reed (European Lineage) Biocontrol Agents: History and Ecology in North America. *In*: R.L. Winston, Ed. Biological Control of Weeds in North America. North American Invasive Species Management Association, Milwaukee, WI. NAISMA-BCW-2022-38-COMMON REED-A.

RESEARCH INTERESTS IN ENVIRONMENTAL SCIENCES, ECOLOGY, & EVOLUTION

- Conservation Ecology:** Accountability • Bioacoustic Monitoring • Coproduction • Invasive Species Management
- Global Change Ecology:** Biodiversity • Biogeography • Community Ecology • Climate-Driven Adaptation • Dispersal • Evolutionary Ecology • Invasion Ecology
- Plant-Insect Interactions:** Biological Control • Chemical Ecology • Herbivory • Pollination Ecology
- Pedagogy:** Decolonizing the Syllabus • Evidence-Based Teaching Practices • Inclusive Teaching • Inquiry-Based Labs
- Statistical Inference:** Co-occurrence Analyses • Community Ordination • Dispersal Kernels • Diversity Analyses • Generalized Additive Mixed Models • Generalized Linear Mixed Models • Multivariate Methods • Repeated Time Series Analyses

RESEARCH FELLOWSHIPS AND AWARDS

I. FELLOWSHIPS

2016–2017: Sustainability Leadership Fellows Program, School of Global Environmental Sustainability, Colorado State University

2016–2017: Vice President for Research Fellow, Colorado State University \$4,000

IIa. RESEARCH GRANTS

* lead principle investigator

2021 – Blossey B, **Endriss SB**. Monitoring *Phragmites australis* biological control agent movement into the US. The U.S. Army Corps of Engineers (USACE). \$139,523

2018 – Blossey B, Klinck H, **Endriss SB**. Acoustic monitoring to assess impacts of *Phragmites* on bird and amphibian communities. The Cooperative Ecosystem Studies Units (CESU) Cooperative Agreement Award of the United States Fish and Wildlife Service (USFWS). \$30,000

*2015 – **Endriss SB**, Hufbauer RA, Norton AP. Exploiting seasonality and differences in herbivory to create a novel framework for testing optimal defense theory. Doctoral Dissertation Improvement Grant, the U.S. National Science Foundation. \$19,239

*2014 – **Endriss SB**. Small Research Grant, Graduate Degree Program in Ecology, Colorado State University. \$2,000

*2014 – **Endriss SB**. Larimer County Small Grant for Community Partnering, Larimer County, CO. \$2,000

total: \$192,758

III. RESEARCH AWARDS AND HONORS

2022 – Recipient of Entomological Society of America Early Career Program Enhancement Funds	\$505
2018 – International Organisation for Biological Control (<i>Organisation Internationale de Lutte Biologique [OILB]</i>) Travel Grant	\$565
2017 – Graduate Student Council Travel Award	\$250
2017, 2015 – Graduate Degree Program in Ecology Travel Award, Colorado State University	\$775
2017, 2016, 2014 – Robert L. Zimdahl Outstanding Graduate Student Award in Pest Ecology, Colorado State University, Department of Bioagricultural Sciences and Pest Management	\$2,930
2016, 2015, 2014, 2012 – William M. Brown Professional Development Award, Department of Bioagricultural Sciences and Pest Management, Colorado State University	\$2,000
2014 – Ynez Morey and Chuck Reagin Memorial Entomology Scholarship, Colorado State University, Department of Bioagricultural Sciences and Pest Management	\$1,000
2011 – Colorado State University Programs for Research and Scholarly Excellence	\$2,500
	total: \$10,525

IV. MISCELLANEOUS AWARDS AND HONORS

2020 – Postdoctoral Leadership Certificate Program, Cornell University
2017 – Outstanding Graduate Leadership Award, Department of Bioagricultural Sciences and Pest Management, Colorado State University
2017 – Ecological Society of America Early Career Mentoring Program

TEACHING EXPERIENCE

I. INSTRUCTOR – COURSE DESIGN & REVITALIZATION

Spring 2023, Fall 2022	Global Environmental Issues (EVS-205 – four sections total). Led 75-minute interactive lectures twice a week and designed new assessments and active learning activities for 12–75 students.
Fall 2022	Ecology and Conservation of Wetlands (EVS-485 & EVS-592). Led 75-minute interactive lectures and discussions twice a week; designed the hybrid undergraduate and graduate-level course, including assessments, active learning activities and required field trips.
Spring 2023	Foundations of Environmental Conservation and Management (EVS-540). Led 75-minute interactive lectures and discussions twice a week; designed the graduate-level course, including assessments, active learning activities and required field trips.

II. TEACHING ASSISTANTSHIPS

Fall 2017, Spring 2017, Fall 2016, Fall 2015, Spring 2012, Spring 2011	Plants and Civilizations (AGRI-116). Led discussion sections and guided 75 students through creating a 6- to 8-page term paper.
Spring 2016	Ecology (LIFE-320). Provided written feedback on assignments for 135 students, led homework and exam reviews, and guest lectured.
Fall 2015, Fall 2013	General Biology Lab (LIFE-103). Gave mini-lectures and guided 50 students through hands-on laboratory experiments and dissections.

III. TEACHING AWARDS AND HONORS

2017 – Graduate Teaching Certificate, Colorado State University	
2016 – Charles N. Shepardson Graduate Student Teaching Award, College of Agricultural Sciences, College of Agricultural Sciences, Colorado State University (<i>highest graduate teaching award at the university</i>)	\$750
2015 – BSPM Outstanding Graduate Student Teaching Award, Department of Bioagricultural Sciences and Pest Management, College of Agricultural Sciences, Colorado State University (<i>highest graduate teaching award in the department</i>)	\$1,000
	total: \$1,750

IV. GUEST LECTURES

🌐 virtual interactive classroom

7. Leveraging bioacoustics for effective natural resource management. February 8th, 2022. **Human Dimensions of Natural Resource Management (EVS 360)**, University of North Carolina Wilmington (Wilmington, NC).

6a,b,🌐c,d. Bioacoustics and ecological conservation. September 27th, 2018; November 21st, 2019; November 24th, 2020; November 11th, 2021. **Conservation Biology (BIO-405)**, State University of New York at Cortland (Cortland, NY).

🌐 5. Biological control of purple loosestrife: assessing success nearly three decades after insect releases. Spring 2021. **Biological Control** (advanced, graduate-level course), Michigan State University (East Lansing, MI)

4. Plant-herbivore interactions. March 27th, 2017. **Plant Ecology (BZ-450)**, Colorado State University (Fort Collins, CO).

3a,b. Plants as drugs: coca and cocaine. November 16th, 2016 & April 17th, 2017: **Plants and Civilizations (AGRI-116)**, Colorado State University (Fort Collins, CO).

2. Biological invasions. March 29th, 2016: **Ecology (LIFE-320)**, Colorado State University (Fort Collins, CO).

1. Plant-pollinator-human interactions. October 12th, 2015: **Plants and Civilizations (AGRI-116)**, undergraduate course for mostly non-science majors, Colorado State University (Fort Collins, CO).

V. PROFESSIONAL DEVELOPMENT

★ multi-week course

★ 25. Teaching & Learning in the Diverse Classroom. May 30th–July 1st, 2022. A five-week online asynchronous course with synchronous discussions sponsored by Cornell University.

★ 24. First Year Faculty Teaching Academy. June 7th–30th, 2022. A six-workshop online interactive series sponsored by the Center for the Integration of Research, Teaching and Learning (CIRTL) network in collaboration with the University of Florida Center for Teaching Excellence.

★ 23. Course Design Institute 2022. June 7th–30th, 2022. Three-week online course sponsored through the Center for Teaching Excellence, University of North Carolina Wilmington (Wilmington, NC).

22. A faculty panel on strategies & practices for antiracist classrooms. October 11th, 2021. Online panel and moderated Q & A session sponsored by the Center for the Integration of Research, Teaching and Learning (CIRTL) network.

21. Bring an inclusive mindset to your teaching. October 8th, 2021. Online interactive webinar sponsored by the Center for the Integration of Research, Teaching and Learning (CIRTL) network.
20. Racial equity & environmentalism. August 18th, 2021. Online seminar and Q & A session sponsored by the North American Invasive Species Management Association (NAISMA).
19. Safer science: Strategies to protect at-risk researchers when conducting fieldwork. February 17th, 2021. Online panel discussion sponsored by the College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
- 🌱 18. Building mentorship skills. February 11th–April 8th, 2021. A series of five workshops offered through the Future Faculty and Academic Careers program at Cornell University, a part of the Center for the Integration of Research, Teaching and Learning (CIRTL) network.
- 🌱 17. Basics of online learning and teaching. January 25th–March 29th, 2021. A ten-week online course through the Center for the Integration of Research, Teaching and Learning (CIRTL).
16. Accurately and inclusively teaching sexual selection. January 20th, 2021. Online Workshop, Project Biodiversify, Cornell University (Ithaca, NY).
15. (Dis)Ability: teaching accurately and accommodating students. January 19th, 2021. Online Workshop, Project Biodiversify, Cornell University (Ithaca, NY).
14. Creating an inclusive classroom: students with disabilities. August 25th, 2020. Webinar, National Center for Faculty Development and Diversity (NCFDD).
13. Developing anti-oppressive communities: supporting Black students and mentees. August 18th, 2020. Webinar, National Center for Faculty Development and Diversity (NCFDD).
- 🌱 12. Advancing learning through evidence-based STEM teaching. February 1st, 2020–March 30th, 2020. An eight-week Massive Open Online Course (MOOC) through the Center for the Integration of Research, Teaching and Learning (CIRTL).
11. Addressing implicit bias in STEM. October 29th, 2019. Online CIRTLCAST Series, Center for the Integration of Research, Teaching and Learning (CIRTL).
10. Team teaching across disciplines: leveraging interdisciplinary strategies. April 16th, 2019. Webinar, Center for Teaching Innovation, Cornell University (Ithaca, NY).
- 🌱 9. Entering mentoring: an intensive, hands-on short course about effectively mentoring undergraduate and graduate students. May 22nd–June 25th, 2017. The Institute for Learning and Teaching, Colorado State University (Fort Collins, CO).
8. Unconscious bias in STEM: who me? April 15th, 2016. Interactive Seminar, The Institute for Learning and Teaching, Colorado State University (Fort Collins, CO).
7. Notice and respond: assisting students in distress. January 14th, 2015. Interactive Seminar, Professional Development Institute, Colorado State University (Fort Collins, CO).
6. Understanding autism spectrum disorders and promising instructional approaches. January 14th, 2015. Interactive Seminar, Professional Development Institute, Colorado State University (Fort Collins, CO).
5. She...he...I'm sorry: how to respectfully talk to trans people. January 12th, 2015. Interactive Seminar, Professional Development Institute, Colorado State University (Fort Collins, CO).
4. Helping students with chronic health conditions succeed in college. January 12th, 2015. Interactive Seminar, Professional Development Institute, Colorado State University (Fort Collins, CO).
3. "Reaction discussions": encouraging critical thinking about readings in online and in-class small groups. Interactive Seminar, January 13th, 2014. Professional Development Institute, Colorado State University (Fort Collins, CO).
2. Deepening student learning through peer education. January 14th, 2014. Interactive Seminar, Professional Development Institute, Colorado State University (Fort Collins, CO).
1. From soldier to student: supporting student veterans on a college campus. January 14th, 2014. Interactive Seminar, Professional Development Institute, Colorado State University (Fort Collins, CO).

UNDERGRADUATE AND POST-GRADUATE MENTORING

I. SUMMARY OF RESEARCH MENTORSHIP

- August 2022 – present **Mentorship at University of North Carolina Wilmington**
Advising one undergraduate student at University of North Carolina at Chapel Hill and two Masters students and one undergraduate student at UNCW through independent research projects. Committee member for one undergraduate honors thesis and one Masters student.
- Feb 2018 – present **Mentorship at Cornell University**
advised 14 undergraduates for more than 3,800 paid hours and 200 research-for-credit hours; led 2 undergraduates (and currently leading 2 additional undergraduates) through independent research projects for honors theses; continue to provide professional development, experimental design and statistical advice to undergraduate and graduate students.
- Aug 2011 – Jan 2018 **Mentorship at Colorado State University**
advised over 30 undergraduate and post-graduate students (including 21 women, 7 ethnic minority, and 2 first-generation college students) through hands-on research experience for more than 2,400 hours; led 7 undergraduates through independent research projects, including one honors thesis.

II. UNDERGRADUATE RESEARCH GRANTS

1. Lee K. (2018) How does insect herbivory on floating leaves affect multiple trophic levels within aquatic ecosystems? Hatch Grant for Undergraduate Student Research, Cornell University Agricultural Experiment Station. \$1,000

III. HONORS THESES BY UNDERGRADUATE MENTEES

5. Spolarich C, Blossey B, **Endriss SB**. (2022) Aquatic decomposition effects of intraspecific variation in *Reynoutria x bohemica* litter and the role of aquatic invertebrates. The Environment & Sustainability major, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
4. D’Erasmus G, Blossey B, **Endriss SB**. (2022) Decomposition of *Reynoutria x bohemica* is mediated by isopod detritivores. The Environment & Sustainability major, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
3. Lee K, **Endriss SB**, Simmons W, Blossey B. (2020) Insect herbivory on aquatic macrophytes: host plant species drives cascading effects on tadpole performance. The Environment & Sustainability major, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
2. Bezruczyk A, Blossey B, **Endriss SB**. (2020) Driver or passenger? Invasive plant-soil feedback on plant community composition. The Environment & Sustainability major, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
1. Reyes, C. (2015) Comparison of different science education problem-solving methods: problem-based, project-based, and design thinking. School of Education, College of Health and Human Sciences, Colorado State University (Fort Collins, CO).

IV. PRESENTATIONS BY UNDERGRADUATE MENTEES

7. Spolarich C, Blossey B, **Endriss SB**. Aquatic decomposition effects of intraspecific variation in *Reynoutria x bohemica* litter and the role of aquatic invertebrates. Oral Presentation. May 12th, 2022: The Environment & Sustainability Research Honors Virtual Symposium, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
6. D’Erasmus G, Blossey B, **Endriss SB**. Decomposition of *Reynoutria x bohemica* is mediated by isopod detritivores. May 12th, 2022: The Environment & Sustainability Research Honors Virtual Symposium, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).

5. Lee K, **Endriss SB**, Simmons W, Blossey B. Insect herbivory on aquatic macrophytes: host plant species drives cascading effects on tadpole performance. Oral presentation. May 28th, 2020: The Environment & Sustainability Research Honors Virtual Symposium, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
4. Bezruczyk A, Blossey B, **Endriss SB**. Driver or passenger? Invasive plant-soil feedback on plant community composition. Oral presentation. May 28th, 2020: The Environment & Sustainability Research Honors Virtual Symposium, College of Agriculture and Life Sciences, Cornell University (Ithaca, NY).
3. Davis K, Hufbauer RA, Norton AP, **Endriss SB**. Does leaf morphology differ between native and introduced populations of common mullein? Poster presentation. October 13th, 2016: 2016 Murray Honors Special Research Poster Session, Colorado State University (Fort Collins, CO).
2. Reyes C, **Endriss SB**, Balgopal M. Comparison of different science education problem-solving methods: problem-based, project-based, and design thinking. Vignette 2: common mullein research. Oral presentation. December 9th, 2015. Honors Thesis Defense, School of Education, Colorado State University (Fort Collins, CO).
1. Moyer M, Hufbauer RA, Norton AP, **Endriss SB**. Floral plasticity differs between native and invasive populations of *Verbascum thapsus*. Poster presentation. April 22nd, 2015: Celebrate Undergraduate Research and Creativity (CURC) Showcase, Colorado State University (Fort Collins, CO).

PROFESSIONAL SOCIETIES

Center for the Integration of Research, Teaching and Learning (CIRTL) • Ecological Society of America • Entomological Society of America • Graduate Women in Science • International Organisation for Biological Control • National Center for Faculty Development and Diversity (NCFDD) • The New York Academy of Sciences • New York Native Plant Society • Society for the Study of Evolution

PROFESSIONAL SERVICE AND OUTREACH

July 2020 – present	<p>Partner Scientist for NSF Education Project <i>“Collaborative research: Developing a modeling orientation to science: Teaching and learning variability and change in ecosystems” (PIs: Peake L, Lehrer R, Miller A) Helped develop curriculum that uses real datasets to engage middle-school students in learning about global change and its impacts</i></p>
Dec 2018 – present	<p>Science Advisor to Gulf of Maine Research Institute (GMRI) <i>Helped develop hands-on teaching modules and data collection protocols for middle-school and high-school students throughout Maine and neighboring states</i></p>
Jan 2014 – present	<p>Academic Reviewer <i>The American Naturalist (recognized for an exceptional review), AoB Plants, Biocontrol, Biological Invasions, Ecology and Evolution, Environmental Entomology, Global Ecology and Biogeography, Oecologia, Plant and Soil, Natural Areas Journal</i></p>
Jun 2022	<p>Panelist for “Getting a Faculty Position: Lessons Learned During the Academic Job Search” <i>90-minute online presentation and question and answer session with four other panelists to an audience of 80+ graduate students and early career researchers. Sponsored by the Office of Postdoctoral Studies (Cornell University)</i></p>
May 2022	<p>Grant Reviewer for French National Research Agency <i>Reviewed two full final-stage proposals for the 2021 AANP “Living Earth” work program</i></p>
December 2021 – May 2022	<p>Write a Researcher <i>Connect with high school students nationwide through writing letters, with the aim of showing students that STEM careers are attainable by anyone and to inspire the next generation of scientists (Cornell University)</i></p>

Oct 2021, Feb 2021	<p>Co-organized Workshops for NY State Land Managers <i>“Metrics of success: how can we measure our success in invasive species management?”</i> Organized and helped facilitate two four-hour workshops to share experiences of assessing the success of invasive species control efforts and to brainstorm barriers and opportunities for future management endeavors (Cornell University)</p>
Jun 2020 – May 2021	<p>The Diversity, Equity, and Inclusion Working Group Drafted a charter for an Advisory Council that will actively foster a diverse, equitable, and inclusive environment within the Department of Natural Resources and the Environment at Cornell University. Led and facilitated workshops focused on diversity, equity and inclusion initiatives during our annual department symposium</p>
Feb 2020 – Dec 2020	<p>Department Discussion Facilitator for Antiracism Reading Group Helped plan discussions, formulated questions, and led a discussion group for a semester-long reading group on Ibram Kendi’s “How to be an Antiracist”</p>
Jan 2017 – Dec 2017	<p>Proctor for CSU Writes’ “Show Up and Write” Sessions Proctored a two-hour writing session twice a week, and actively engaged in changing the writing culture on campus to increase writing productivity and writing satisfaction</p>
Oct 2016 – Aug 2017	<p>Steering Committee for Expanding Your Horizons Day-long event on Colorado State University campus with the goal of inspiring middle school girls to pursue careers in STEM (Fort Collins, CO)</p>
Oct 2015 – Aug 2017	<p>Charges for Technology Committee Successfully submitted proposals (>\$30,000) for flat panel displays, monitors, and statistical software (College of Agricultural Sciences, Colorado State University)</p>
Aug 2011 – Aug 2017	<p>Gillette Entomology Club Engaged elementary and middle school students with science by introducing them to our ‘bug zoo’ and by running cockroach races (Department of Bioagricultural Sciences and Pest Management, Colorado State University)</p>
Oct 2016 – May 2017	<p>Successful advocate for \$120,000+ Renovation of Graduate Offices Organized graduate student feedback and submitted proposals to the Charges for Technology Committee and the University Facility Fee Advisory Board (Department of Bioagricultural Sciences and Pest Management, Colorado State University)</p>
Feb 2017	<p>Elementary School Science Fair Mentor Met one-on-one with students before they implement their experiments, and provided detailed feedback on their experimental design and presentation (O’dea Core Knowledge Elementary School, Fort Collins, CO)</p>
Feb 2017, 2016, 2015	<p>Volunteer for Colorado Middle School National Science Bowl Quiz bowl competition for 25+ middle school science teams (Loveland, CO)</p>
Oct 2016	<p>Co-host for “Sustainability Hour” Radio Show Ecology talk show hosted 6-7pm every Tuesday on 90.5 KCSU (Colorado State University)</p>
Oct 2016	<p>Representative for Transitioning from Higher Education to Career: Veteran’s Symposium Q&A for veterans applying for graduate school, Veteran’s Resources (Colorado State University)</p>
Oct 2016	<p>‘Gear up for Grad School’ Panelist Q&A for Undergraduates, Career Services (Colorado State University)</p>
Feb 2017	<p>Conference Moderator Front Range Student Ecology Symposium (Graduate Degree Program in Ecology, Colorado State University)</p>
Jan 2017, Jan 2016, Aug 2016	<p>New Student Mentor Helped lead orientation events, and acted as a mentor during new students’ first semester (Graduate Degree Program in Ecology, Colorado State University)</p>

Nov 2016, Feb 2015, 2014, 2013	Poster Presentation Judge <i>Judged graduate poster presentations at the Graduate Student Showcase, as a representative of the Vice President for Research Fellows, and scored and provided detailed feedback on undergraduate poster presentations for the Front Range Student Ecology Symposium (Colorado State University)</i>
May 2016	Interviewed about Invasive Species by 5th-graders <i>Helped students prepare a 10-minute oral presentation (Dunn Elementary School, Fort Collins, CO)</i>
Apr 2016, Mar 2015	Workshop Volunteer for Expanding Your Horizons <i>Helped run workshops for middle-school girls on entomology and bridge-building (Colorado State University; University of Colorado – Boulder)</i>
Apr 2015 – Apr 2016	President of Front Range Student Ecology Symposium <i>Coordinated a three-day symposium, which included an afternoon of workshops, a day of oral and poster presentations, a lunchtime IGNITE session, a key-note presentation, organizing the keynote speaker's travel and schedule, and an awards ceremony with live music (Graduate Degree Program in Ecology, Colorado State University)</i>
Feb 2016	Organized "Ignite FRSES!" <i>Invited and coordinated 8 'Lightning Talks' (30 slides that automatically advance every 15 seconds) for the Front Range Student Ecology Symposium (Graduate Degree Program in Ecology, Colorado State University)</i>
Feb 2016	Co-organized Workshop on Science Communication <i>Co-designed a 2-hour workshop with Q&A panel and interactive communication scenarios, and drafted invites to 4 'communication experts' for the Front Range</i>
Apr 2015	Elementary School Science Fair Judge <i>Provided detailed feedback, and awarded 1st, 2nd, and 3rd place prizes to 3rd-grade presenters (TR Paul Academy of Arts and Knowledge, Fort Collins, CO)</i>
Jan 2014 – Feb 2015	Member of Outreach and Advertising Committee <i>Helped draft invitations to 60+ colleges and universities within CO, WY, KS, and organized abstract submissions to the Front Range Student Ecology Symposium (Graduate Degree Program in Ecology, Colorado State University)</i>
Feb 2015	Co-organized an Undergraduate Career Development Panel <i>Q&A session about graduate school and about current lab opportunities for the Front Range Student Ecology Symposium (Graduate Degree Program in Ecology, Colorado State University)</i>
Mar 2015 – Dec 2015	President's Commission for Women and Gender Equality Survey Committee <i>Helped design survey to capture current concerns and opinions regarding women and gender equality on campus (Colorado State University)</i>
Oct 2014 – Oct 2015, Oct 2011 – Oct 2012	Student Liaison Committee <i>Acted as the communication link between faculty and students (Department of Bioagricultural Sciences and Pest Management, Colorado State University)</i>

SELECTED PRESENTATIONS

✦ winning competition entry

🌟 invited presentation

- 🌟 27. **Endriss SB**, Blossey B, Dávalos A, Häfliger P. When insects follow plants: comparing niche space utilization of Phragmites herbivores in Europe vs. North America. Oral presentation. November 13th, 2022: *Incorporating ecological theory into biological control evaluation* (special Symposium). Joint meeting of the Entomological Societies of Canada, the USA, and BC (Vancouver, CA).

- ✪ 26b. **Endriss SB**. Plant invasions as “natural experiments”: integrating eco-evolutionary theory with evidence-based management. Oral presentation. February 14th, 2022: Department of Biology, University of Nebraska Omaha (Omaha, NE).
- ✪ 26a. **Endriss SB**. Plant invasions as “natural experiments”: integrating eco-evolutionary theory with evidence-based management. Oral presentation. February 7th, 2022: Department of Environmental Sciences, University of North Carolina Wilmington (Wilmington, NC).
- ✪ 25. **Endriss SB**. Invasive plants as keys to integrating eco-evolutionary theory and effective conservation strategies. Oral presentation. January 31st, 2022: Department of Biology, St. Mary’s College of Maryland (St. Mary’s City, MD).
- 24. Simmons W, **Endriss SB**, Blossey B. Success and prospect of using biocontrol to manage invasive plants in NY. Oral presentation. November 16th–17th, 2021: NY Invasive Species Summit sponsored by the New York State Department of Environmental Conservation (Albany, NY).
- ✪ 23. **Endriss SB**. Applying Eco-Evolutionary Theory & Understanding of Herbivory to Inform Invasive Plant Management. Oral presentation. November 2nd, 2021: Department of Natural Resources and the Environment Seminar Series, Cornell University (Ithaca, NY).
- 22. **Endriss SB**, Nuzzo V, Blossey B. Biological control of purple loosestrife leads to native plant recovery. Oral presentation. September 27th–30th, 2021: North American Invasive Species Management Association Annual Conference (Missoula, MT).
- ✪ 21. **Endriss SB**, Nuzzo V, Blossey B. A case study for success: 30 years of data on biological control of purple loosestrife. Oral presentation. September 22nd, 2021: presentation to New York State Partnerships for Regional Invasive Species Management (PRISM) (online webinar).
- ✪ 20. Hufbauer RA, Alba C, **Endriss SB**, Wilbur H, Fettig C, Bowers D. Biological invasions as keys to understanding plant-insect interactions. Oral presentation. July 27th, 2021: the 17th Symposium on Insect-Plant Interactions (2021) (hosted by Leiden University in Leiden, Netherlands; moved online due to the pandemic).
- 19. Blossey B, **Endriss SB**. Morphological Structuring and Insect Communities in native and introduced *Phragmites* across North America. Oral presentation. July 26th, 2021: *Phragmites australis* genetics and management virtual workshop, hosted by the Environmental Genomics and Conservation Genetics Laboratory of the US Army Corps of Engineers (online workshop).
- ✪ 18. Blossey B, **SB Endriss**, Bowe A, Dávalos A, Nuzzo V. The status of biological control: including preparations to assess outcomes of management. Oral presentation. February 11th–12th, 2021: *Phragmites* monitoring, management, prioritization, and control, Long Island Invasive Species Management Area (LIISMA) (online webinar).
- ✪ 17. **SB Endriss**, Klinck H, Blossey B. What can bird and frog calls tell us about invasion? Special Session: New Frameworks for Assessing Invasive Species Management. Oral presentation. September 30th–October 3rd, 2019: North American Invasive Species Management Association (Saratoga Springs, NY).
- 16. **Endriss SB**, Blossey B. Using the past to inform the present: what can purple loosestrife tell us about biocontrol of Japanese knotweed? Oral presentation. September 30th–October 3rd, 2019: North American Invasive Species Management Association (Saratoga Springs, NY).
- 15. **Endriss SB**, Häfliger P, Blossey B. A biogeographic comparison of herbivory on *Phragmites australis*. Poster Presentation. August 27th–28th, 2018: XV International Symposium on Biological Control of Weeds (Engelberg, Switzerland).
- 14. **Endriss SB**, Norton AP, Hufbauer RA. Is adaptation of within-plant allocation of defenses constrained by plant physiology? Oral presentation. August 10th, 2017: Ecological Society of America Annual Meeting (Portland, OR).
- 13. Carper AL, Schwantes CJ, **Endriss SB**, Norton AP, Bowers MD, Jamieson MA. Exploring variation in local and landscape factors driving grassland bee communities in Colorado. Oral presentation. August 7th, 2017: Ecological Society of America Annual Meeting (Portland, OR).
- 12. **Endriss SB**, Norton AP, Hufbauer RA. A novel test of optimal defense theory using an invasive, biennial weed. Poster presentation. February 15th, 2017. Gordon Research Conference on Plant-Herbivore Interactions (Ventura, CA).
- 11. **Endriss SB**, Hufbauer RA, Norton AP. Do native and introduced populations differ in how they defend their leaves? Oral presentation. September 17th, 2016: Guild of Rocky Mountain Ecologists and Evolutionary Biologists (GREEBs) 2016 meeting (Gothic, CO).

10. Carper AL, Schwantes CJ, **Endriss SB**, Norton AP, Bowers MD, Jamieson MA. Differences in native bee assemblages between grazed rangelands and conservation grasslands within eastern Colorado. Oral presentation. August 7th-12th, 2016: Ecological Society of America Annual Meeting (Fort Lauderdale, FL).
- * 9. **Endriss SB**. Plants and insects: a toxic relationship. Oral presentation (3-minute thesis competition). February 15th, 2016: Vice President for Research (VPR) Fellowship Challenge Competition Event, Colorado State University (Fort Collins, CO).
8. **Endriss SB**, Hufbauer RA, Norton AP. Plant plasticity in response to insect herbivory differs between native and introduced populations of *Verbascum thapsus*. Oral presentation. November 18th, 2015: Entomological Society of America Annual Meeting (Minneapolis, MN).
- * 7. Vahsen M, Hufbauer RA, **Endriss SB**, Shea K, Hovis C. The roles of multiple components of propagule pressure in predicting invasion success. Poster presentation. September 21st, 2015: 13th International Conference, Ecology and Management of Alien Plant Invasions (Waikoloa Village, Hawai'i).
6. **Endriss SB**, Hufbauer RA, Norton AP. Floral plasticity in response to herbivory differs between native and introduced plant populations. Oral presentation. August 11th, 2015: Ecological Society of America Annual Meeting (Baltimore, MD).
5. Jamieson MA, Carper AL, Schwantes CJ, **Endriss SB**, Bowers MD, Norton AP. Grasslands in Colorado agroecosystems support diverse native bee assemblages. Poster presentation. October 29th, 2014: USDA-NIFA AFRI Sustainable Bioenergy Annual Project Director (PD) Meeting (Washington D.C.).
4. **Endriss SB**, Alba C, Bowers MD, Hufbauer RA, Norton AP, Pyšek P. Does a shift from specialist to generalist herbivory drive evolution of North American populations of *Verbascum thapsus*? Oral presentation. September 21st, 2014: Guild of Rocky Mountain Ecologists and Evolutionary Biologists (GREEBs) 2014 meeting (Bellvue, CO).
3. **Endriss SB**, Alba C, Bowers MD, Hufbauer RA, Norton AP, Pyšek P. The role of different enemy regimes in the evolution of North American versus European *Verbascum thapsus*. Oral presentation. August 13th, 2014: Ecological Society of America Annual Meeting (Sacramento, CA).
2. Alba C, **Endriss SB**, Norton AP, Hufbauer RA, Pyšek P. Leaf traits associated with rapid resource acquisition and growth are greater in native than introduced genotypes of an invasive weed. Oral presentation. May 22nd, 2014: 4th International Symposium on Weeds and Invasive Plants (Montpellier, France).
1. **Endriss SB**, Alba C, Bowers MD, Hufbauer RA, Norton AP, Pyšek P. Are differences between populations of *Verbascum thapsus* explained by a shift from specialist to generalist herbivores? Poster presentation. May 22nd, 2014: 4th International Symposium on Weeds and Invasive Plants (Montpellier, France).