

ERIN SNYDER

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SUMMARY

Detail-oriented plant ecologist from an interdisciplinary background with experience in both academic and practical project management. Motivated by applied research that addresses critical issues in ecological restoration and climate resilience. Committed to inclusive, equitable scientific practices that respect and embrace different systems of knowledge.

EDUCATION

Northwestern University Evanston, IL Master of Science in Plant Biology and Conservation <i>Cumulative GPA: 3.973</i>	March 2024
Goucher College Baltimore, MD Bachelor of Arts in Environmental Studies and International Relations <i>Summa Cum Laude and Honors in Environmental Studies</i> <i>Cumulative GPA: 3.92</i>	May 2017
School for International Training Jaipur, Rajasthan, India Semester Study Abroad Program, Sustainable Development and Social Change	Sept.–Dec. 2015

RESEARCH AND FIELDWORK EXPERIENCE

Research Assistant, Plants of Concern Chicago Botanic Garden Glencoe, IL <i>35 hours/week</i> <ul style="list-style-type: none">▶ This seasonal, temporary position will begin in mid-April 2024▶ Will support rare plant monitoring efforts within the Forest Preserves of Cook County	April 2024
Program Associate, Natural Areas Monitoring Chicago Botanic Garden Glencoe, IL <i>20 hours/week</i> <ul style="list-style-type: none">▶ Assisted the Chicago Park District with monitoring 90+ urban Natural Areas through a seasonal contractor role▶ Completed assessments of site infrastructure, invasive species presence, and diversity of native flora▶ Shared site assessments and management recommendations with permanent Chicago Park District staff	May–Dec. 2023
Research Assistant Chicago Botanic Garden Glencoe, IL <i>10 hours/week</i> <ul style="list-style-type: none">▶ Supported the Chicago Biodiversity Assessment through research, data analyses, and manuscript development▶ Co-authored a meta-analysis manuscript that was submitted for review in September 2023▶ Lead author on a manuscript that examines first-year engagement patterns of community science participants; aiming to submit for review in early-2024▶ This position was grant-funded and concluded on September 30, 2023	Mar. 2022–Sept. 2023
Field Researcher School for International Training Uttarakhand, India <i>40 hours/week</i> <ul style="list-style-type: none">▶ Led a qualitative research project on ecofeminism in climate-vulnerable communities in the Kumaon region▶ Organized focus group discussions and 13 individual interviews to explore gender roles, agroforestry, and the generational transfer of Traditional Ecological Knowledge among women in the Kumaon region▶ Detailed methods and findings in a research paper and gave an oral presentation on the topic	Nov.–Dec. 2015

International Research Intern | Barefoot College Tilonia | Rajasthan, India July–Aug. 2015
40 hours/week

- ▶ Conducted focus groups with 20+ Barefoot Solar Engineers to document perceptions of climate change
- ▶ Analyzed and summarized data for the head researcher
- ▶ Designed and presented a climate change awareness pilot lesson for the Barefoot Solar Engineers

Undergraduate Student Researcher | Goucher College | Baltimore, MD Jan.–May 2014
5 hours/week

- ▶ Supported a professor’s research on the environmental and social impacts of mineral mining in Ecuador

BOTANY AND ECOLOGY TRAINING

Midwest Ecological Prescription Burn Crew Training | In-person February 2024

- ▶ Based on the National Wildfire Coordinating Group’s S-130 and S-190 courses, this two-day class covers topics such as fire behavior, controlled burn techniques, and smoke management, as well as burn team organization and communication
- ▶ Provides the background necessary to safely participate on the crew of a prescribed burn

Diversifying Conservation with Indigenous Perspectives | Online October 2021

- ▶ Three-session series on Traditional Ecological Knowledge organized by the Morton Arboretum
- ▶ Led by Indigenous scientists; topics included decolonization, biocultural restoration, and Indigenous language diversity

Decolonizing Botany: From the Herbarium to the Plantarium | Online April 2021

- ▶ Offered through the Native Plant Trust, this lecture was led by Dr. Banu Subramaniam
- ▶ Examined the roots of colonialism in the foundational language and theories of modern botany

DC Master Naturalist Trainee Program | Washington, DC March–April 2021

- ▶ Courses led by local natural resources professionals provided a solid theoretical and applied foundation in the science and practice of natural resource conservation and management, natural history, and urban sustainability
- ▶ I completed the formal training portion of the program, but moved away from DC for graduate school in August 2021 and thus could not finish the regional volunteering component required for Master Naturalist certification

Berkshire Botanical Garden: Introduction to Botanical Latin | Online January 2021

- ▶ Reviewed the history of botanical terminology and introduced key concepts in taxonomy and nomenclature

New York Botanic Garden: Plant Diversity | Online Oct.–Nov. 2020

- ▶ Eight-session course led by Dr. James Boyer
- ▶ Assessed the diversity and evolution of major plant lineages and life cycles of plants, algae, fungi, and bacteria

New York Botanic Garden: Plant Structure | Online Aug.–Sept. 2020

- ▶ Eight-session course led by Dr. James Boyer
- ▶ Studied the plant body from the cellular level to the roots, stems, leaves, flowers, and fruits
- ▶ Coursework focused primarily on flowering plants and included basic phytochemistry

DC DPR Urban Grower Certification Course | Washington, DC Feb.–Mar. 2020

- ▶ Explored a variety of urban gardening topics, including youth engagement in green spaces and food justice

LEADERSHIP AND COMMUNICATION TRAINING

General Assembly | Washington, DC Nov.–Dec. 2018

- ▶ Completed two skill-building workshops: Digital Marketing Bootcamp and Email Marketing Essentials

Whiteness: Understanding and Challenging Racism Workshop | Baltimore, MD February 2017
▶ Four-session series organized by the Center for Race, Equity, and Identity at Goucher College
▶ Featured assigned readings and guided discussions on the history of racism, whiteness, power, and privilege

Goucher Renewable Agriculture Initiative | Baltimore, MD May–Aug. 2014
▶ Selected to manage the campus garden and greenhouse over the summer
▶ Participated in leadership and agriculture training sessions
▶ Volunteered weekly at two Maryland farms, TALMAR and Five Seed Farm, to learn organic farming methods

Hugh O’Brian Youth Leadership (HOBY) | Philadelphia, PA June 2011–June 2013
▶ HOBY seminars provide nominated students with unique training in personal, group, and service leadership
▶ Attended the 2011 HOBY PA-East Seminar at Temple University
▶ Completed 100 hours of service in the year following the seminar as part of the Leadership for Service alumni challenge
▶ Selected for the HOBY Alumni Team as a Junior Facilitator for the 2012 and 2013 PA-East Seminars
▶ Served as the 2012 Alumni Board Reunion Chairperson

MENTORSHIP AND TEACHING EXPERIENCE

Guest Lecturer | DePaul University | Chicago, IL May 2023
2 hours/one time event
▶ Led one class for Dr. Lauren Umek’s Applied Ecological Management Practicum, a graduate-level course

Mentor | Research Experiences for Undergraduates (REU) | Glencoe, IL June–Aug. 2022
20 hours/week
▶ REU: From Genes to Ecosystems is a National Science Foundation program that CBG participates in each summer
▶ Advised high school and undergraduate students in a near-peer-mentoring network
▶ Students mentored: Angelica Ostiguin (University of Illinois Chicago) and Esmeralda Juarez (Roosevelt University)

Writing Tutor | Goucher College | Baltimore, MD Jan.–May 2016
3 hours/week
▶ Advised students in the 300-level Political Ecology course
▶ Discussed paper topics and revised drafts with students in weekly, individual meetings
▶ Organized and instructed four large-group workshops on academic writing topics

Supplemental Instructor | Goucher College | Baltimore, MD Jan.–May 2015
3 hours/week
▶ Supported students in the Introduction to Environmental Studies course
▶ Enhanced students’ learning experience through weekly review sessions

NONPROFIT WORK EXPERIENCE

Digital Media Manager | ACORE | Washington, DC Jan. 2020–July 2021
40 hours/week
▶ Steered the American Council on Renewable Energy’s (ACORE) digital efforts
▶ Managed and created content for websites, social media accounts, reports, fact sheets, email marketing campaigns, and events (virtual and in-person)
▶ Designed the Annual Report and implemented a web-responsive, digital version to complement the printed edition
▶ Co-supervised Communications Department interns

Digital Media Specialist | ACORE June 2019–Dec. 2019
40 hours/week
▶ Oversaw ACORE’s websites, social media accounts, email marketing, and digital ads
▶ Crafted marketing campaigns for each of ACORE’s signature conferences

Events and Marketing Coordinator | ACORE

Aug. 2018–June 2019

40 hours/week

- ▶ Supported the planning, marketing, and execution of ACORE's events
- ▶ Managed logistics for conferences with more than 200 attendees

AmeriCorps Fellow | GRID Alternatives Mid-Atlantic | Washington, DC

Aug. 2017–Aug. 2018

40 hours/week

- ▶ Served as the Workforce Development and Volunteerism Fellow for the Mid-Atlantic office
- ▶ Executed the Solar Works DC program by assisting with curriculum development, coordinating with vendors, facilitating job placement, and reporting to grant partners
- ▶ Served as primary contact and support for the Mid-Atlantic volunteer base, more than 700 individuals
- ▶ Hosted monthly volunteer orientations and gave presentations at schools and partner organizations
- ▶ Organized engaging volunteer events and collected volunteers' feedback

Solar Training Network (STN) Intern | The Solar Foundation | Washington, DC

May 2016–Aug. 2016

40 hours/week

- ▶ Recruited partners for STN, a solar career platform, through email and phone outreach
- ▶ Organized and managed a database of more than 200 potential solar training partners
- ▶ Designed fact sheets and discussion papers for circulation at conferences and events

ADDITIONAL WORK EXPERIENCE

Student Leader for Civic Action | Goucher Office of Community-Based Learning | Baltimore, MD

Aug. 2016–May 2017

6 hours/week

- ▶ Led a weekly volunteer program with TALMAR Gardens and Horticultural Therapy Center
- ▶ Recruited, trained, and managed 20 student volunteers throughout the academic year
- ▶ Supported TALMAR's Farm Director with laying drip irrigation, planting, weeding, harvesting, composting, and more

Assistant | Goucher Office of International Studies | Baltimore, MD

May 2014–May 2017

10 hours/week

- ▶ Hosted weekly Study Abroad 101 information sessions for students
- ▶ Reconciled program expense reports, updated the office website, and processed student paperwork
- ▶ Performed other administrative duties as needed

PEER-REVIEWED PUBLICATIONS

Taddeo, S., E. Snyder, E.C. Anderson, C. Porter, T. Guider, and K. Havens. 2023. *Teamwork makes the dream work: combining community science and expert-led surveys to study urban biodiversity*. In review.

POSTERS AND PRESENTATIONS

Snyder, E., R. Barak, A. Kramer, K. Mikenas, and L. Umek. *Examining trait variation in wild-collected and commercial seed sources to inform restoration methods for urban post-industrial sites*. Presentation. National Native Seed Conference. Virtual. February 2024.

Snyder, E., R. Barak, A. Kramer, K. Mikenas, and L. Umek. *Slag as potential refuge for threatened and endangered species*. Presentation. Community Science and Research Summit. Chicago, IL. February 2024.

Snyder, E., S. Taddeo, E.C. Anderson, E. Oschrin, and K. Havens. *Investigating early observation patterns by community scientists to inform engagement and retention*. Poster. Ecological Society of America Annual Meeting. Portland, OR. August 2023.

- Snyder, E.**, R. Barak, A. Kramer, K. Mikenas, and L. Umek. *Potential in pollution: Exploring a habitat analog restoration model for post-industrial sites in Chicago*. Poster. Society for Ecological Restoration Midwest-Great Lakes Chapter Annual Meeting. Baraboo, WI. April 2023.
- Snyder, E.**, R. Barak, A. Kramer, K. Mikenas, and L. Umek. *Potential in pollution: Exploring a habitat analog restoration model for post-industrial sites in Chicago*. Poster. National Native Seed Conference. Washington, DC. March 2023.
- Umek, L., A. Anastasio, L. Merwin, C. Saari, **E. Snyder**. *Conservation potential of post-industrial sites on Chicago's southeast side*. Presentation. Natural Areas Conference. Duluth, MN. September 2022.
- Ostiguin, A., **E. Snyder**, and E. Juarez. *An analysis of Chicago slag composition and how the performance of rare native Illinois species Dalea foliosa and Tetraneuris herbacea in slag could guide future restoration efforts*. Poster. Research Experiences for Undergraduates Poster Symposium. Chicago, IL. August 2022.

HONORS, AWARDS, AND FELLOWSHIPS

- Finalist, Presidential Management Fellows Class of 2024** February 2024
- National Native Seed Conference Scholarship** November 2022
Awarded by the Institute for Applied Ecology to students to assist with costs of attending the conference.
- Francis Y. Kwong Memorial Award** February 2022
Honors a well-respected seed biologist by funding research or conference attendance for graduate students whose work focuses on seeds.
- Northwestern Plant Biology and Conservation Research Award** February 2022
Awarded to master's students for lab and field research related expenses.
- Phi Beta Kappa** Elected May 2017
Phi Beta Kappa is the oldest Greek Letter fraternity in America and is considered to be the most prestigious academic honor society in higher education. Phi Beta Kappa champions love of learning, integrity, and depth of understanding.
- The Environmental Studies Prize** May 2017
Awarded to a junior or senior environmental studies major with a 3.5 GPA or higher who has shown outstanding academic achievement, as demonstrated by the completion of a thesis, an independent project, or a summer research project.
- Sarah T. Hughes 1917 Award for Excellence in Intellectual Inquiry in International Relations** May 2017
Awarded to the senior major who most consistently demonstrates exceptional intellectual curiosity regarding politics and world affairs and has an outstanding record of academic achievement.
- Goucher Intern Fellowship** May 2015
Awarded to students to support their participation in unpaid summer internships; received the Welch award and Flowers award.
- Dean's List, Goucher College** 8 semesters, 2013–2017
A competitive, end-of-semester award bestowed by the Provost and Senior Vice President for Academic Affairs to students who have demonstrated an exceptional level of academic achievement for that semester.
- International Scholars Program, Goucher College** 2013–2017
Selective admission seminar program that included first-year courses on globalization and post-colonialism, a winter term intensive, funding for semester abroad programs, and a senior-year roundtable.
- John Franklin Goucher Scholarship** 2013
Merit scholarship awarded by the Admissions Department based on high school rigor.
- Neducsin "Spirit of Manayunk" Scholarship** 2013
Awarded annually to four high school students who demonstrate academic excellence and a commitment to serving the Roxborough-Manayunk community.

PROFESSIONAL SOCIETIES

- Society for Ecological Restoration at NU** | Member and Treasurer Mar. 2023–Present
- ▶ Worked with colleagues to establish an SER graduate student association at Northwestern University
 - ▶ Currently serving as the student association's Treasurer
 - ▶ Member of the International Network for Seed-based Restoration section

VOLUNTEERING AND COMMUNITY ENGAGEMENT

Forest Preserves of Cook County | Cook County, IL Nov. 2023–Present
▶ Organized a volunteer outing for SER at NU to support FPCC’s annual seed cleaning and processing day

Edgewater Environmental Coalition | Chicago, IL April 2023–Present
▶ Participate in beach clean ups and tree plantings at Osterman Beach Natural Area

Urban Rivers | Chicago, IL Oct. 2022–Present
▶ Assist with floating wetland installations in Chicago’s rivers and creeks

Casey Trees | Washington, DC Sept. 2019–Aug. 2021
▶ Community science volunteer; assisted with tree ID, inventory, and data collection in DC parks

Columbia Heights Green Community Garden | Washington, DC April 2018–Aug. 2021
▶ Planted, harvested, and cared for fruit trees, vegetables, and herbs; a portion of weekly harvests was donated

TALMAR Gardens and Horticultural Therapy Center | Baltimore County, MD Sept. 2013–May 2015
▶ Supported the farm through weekly volunteer trips

Goucher Agriculture Co-Operative | Baltimore, MD Sept. 2013–May 2017
▶ Served as club Vice President for the 2014-2015 academic year
▶ Co-managed the greenhouse hydroponic lettuce system and coordinated produce sales to dining halls

TECHNICAL PROFICIENCIES

- ▶ R & RStudio
- ▶ ArcGIS, Field Maps, QGIS
- ▶ MS Office Suite
- ▶ Google Suite
- ▶ RhizoVision Explorer
- ▶ Salesforce
- ▶ MailChimp
- ▶ Pardot
- ▶ Adobe InDesign & Photoshop
- ▶ Canva
- ▶ Tableau Public
- ▶ Trello & Asana

PROFESSIONAL SKILLS

- ▶ Analytical writing
- ▶ Grant writing
- ▶ Experimental design
- ▶ Data analysis & visualization
- ▶ Project management
- ▶ Organization & attention to detail
- ▶ Public speaking
- ▶ Partnership building
- ▶ Academic mentoring
- ▶ Science communication
- ▶ Adaptive leadership
- ▶ Collaborative work ethic