Krissa A. Skogen, Ph.D.

Head, Botanical Garden and Senior Scientist
University of Vienna 14A Rennwig 1030 Vienna, Austria
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skogenlab.org

EDUCATION

2008 Ph.D. Ecology and Evolutionary Biology, University of Connecticut. Storrs, CT
Declining *Desmodium cuspidatum* (Muhl.ex Willd.) DC. Ex Loudon, Multiple approaches to a unique conservation problem. K. Holsinger (major advisor)
2000 B.A. Biology, Minors: Women's Studies, Geography. Gustavus Adolphus College. St. Peter, MN

PROFESSIONAL APPOINTMENTS

2025 University of Vienna, Head - Core Facility Botanical Garden & Senior Scientist
2013 – Present Northwestern University. Plant Biology and Conservation. Adjunct Associate Professor
2022 – 2024 Clemson University. Department of Biological Sciences. Associate Professor
2013 – 2022 Chicago Botanic Garden. Associate Conservation Scientist
2008 – 2019 Chicago Botanic Garden. Manager Conservation & Land Management Internship Program
2008 – 2013 Chicago Botanic Garden. Assistant Conservation Scientist
2008 – 2013 Northwestern University. Plant Biology and Conservation. Adjunct Assistant Professor

LEADERSHIP APPOINTMENTS

2025 – Present European Native Seed Conservation Network (ENSCONET) Steering Committee Member
2025 – Present EU Consortium of Botanical Gardens, Deputy Representative - Austria
2020 – 2026 American Institute of Biological Sciences Board Member
2017 – 2023 Botanical Society of America Public Policy Committee. Co-chair
2020 – 2022 Linda Loring Nature Foundation Research Advisory Board Member
2019 – 2022 Plant Conservation Alliance – Non-Federal Cooperators Committee. Co-chair
2020 – 2021 Botanical Society of America Strategic Planning Committee Member
2018 – 2019 Homeward Bound Project for Women in ScienceHB4 Team, Worldwide / Antarctica
2007 Environmental Leadership Program Senior Fellow, New England Regional Network

CONNECTIONS TO INTERNATIONAL BOTANIC GARDENS

2008 – Present Chicago Botanic Garden. Glencoe, Illinois USA
2018 – Present National Tropical Botanic Garden. Kalaheo, Hawaii USA

AWARDS / HONORS

2025 Silver Anniversary Award (25-year class award), Gustavus Adolphus College
2016 Public Policy Award, Botanical Society of America
2010 Employee of Distinction, Chicago Botanic Garden
2008 Outstanding Academic Achievement, University of Connecticut - Provost's Commission on the Status of Women & The Women's Center
2006 Alternate Fellow, Robert and Patricia Switzer Foundation
2004 Outstanding Teaching Assistant, Nominee. University of Connecticut. Ecology & Evolutionary Biology Department
2000 Special Recognition Award, Gustavus Adolphus College, Biology Department

RESEARCH FUNDING **Total: $3,966,909; To K. Skogen/CBG: $2,929,747**

2020 Bureau of Land Management. Contract: Testing species boundaries and the impacts of land-use change in *Amsonia* (Apocynaceae) using population genomics, phylogenomics, and reproductive biology. **Lead PI: K. Skogen**. Co-PIs: J. Fant and N. Wickett. $265,000.

2020 National Fish and Wildlife Foundation: Exploring the impacts of oil and gas development on pollination and reproduction of the rare Tharp's bluestar, *Amsonia tharpii* (NM, TX). **Lead PI: K. Skogen**. CO-PI: J. Fant. $62,942

2018 National Science Foundation: Unlocking the evolutionary history of a rapid Hawaiian Islands radiation with extraordinary breeding system diversity. DEB 1752785**.** PIS: A. Sakai, S. Weller (UC Irvine); N. Wickett (CBG); M. Moore (Oberlin College); W. Wagner (Smithsonian Institution). Senior Personnel: **K. Skogen,** L. Weisenberger. Total: $1,065,581; CBG: $471,491

2013 National Science Foundation: Dimensions of Biodiversity. Landscapes of linalool: scent-mediated diversification of flowers and moths across western North America. DEB 1342873
Lead PI: K. Skogen. Co-PIs: J. Fant, N. Wickett (CBG); R. Raguso (Cornell University); R. Levin (Amherst College). 2013. Total: $1,988,555; CBG: $1,545,483

2011 National Science Foundation MRI: Acquisition of a seed x-ray machine at Chicago Botanic Garden. DBI 1125997. Lead PI: K. Havens, Co-PIs: P. Vitt, S. Wagenius, **K. Skogen**, J. Fant. $136,597

2009 National Science Foundation MRI: Acquisition of Conservation Geographic Information Systems (GIS) DBI 0922995. Instrumentation. Lead PI: K. Havens, Co-PIs: P. Vitt, D. Larkin, **K. Skogen**, and J. Fant. $305,389

2009 National Fish and Wildlife Foundation, Native Plant Conservation Initiative. Co-PIs: J. Fant, D. Larkin, **K. Skogen,** E. Yates. $40,000

2008 Colorado Native Plant Society, Steinkamp Research Grant. $800.

2006 Environmental Protection Agency, Science to Achieve Results Graduate Fellowship. $110,000
National Science Foundation, Doctoral Dissertation Improvement Grant. $11,990

2005 Torrey Botanical Society, Research Fellowship. $2,500
Center for Conservation and Biodiversity, University of Connecticut. Research Grant. $750

2004 Botanical Society of America, Karling Graduate Student Research Award. $500

2004 New England Botanical Club, Graduate Research Grant. $1,055
Center for Conservation and Biodiversity, University of Connecticut. Research Grant. $750

2003-2007 Ronald Bamford Endowment, Graduate Research Grant. University of Connecticut. $5,000

2003 Summer Institute in Statistical Genetics, North Carolina State University, NC. Scholarship. $1,000

2003 National Science Foundation & New England Wild Flower Society.
Conservation Biology Fellow. $4,000

1999 Sigma Xi Scientific Research Society, Research Grant. $500

FEDERAL & NON-PROFIT GRANT & TRAINING PROGRAM MANAGEMENT **Total: $28.5+ Million**

2008 – 2019 **Conservation and Land Management Internship Program**

Coordinated federal funding (Assistance and Cooperative Agreements) for **1,160+ interns** participating in the Conservation and Land Management Internship Program with federal and non-profit partners including Bureau of Land Management (BLM), Botanic Garden Conservation International (BGCI), Center for Plant Conservation (CPC), Greenbelt Native Plant Center (GNPC), National Park Service (NPS), USDA Forest Service (FS), US Fish and Wildlife Service (FWS), USDA Forest Service (FS), and US Geologic Survey (USGS)**.**

Managed proposals, awards, and budgets, support staff (CLM Program Coordinator & Program Assistants)**.**

Led recruitment, application procedures, interviewing, hiring, data management, training and career development for all interns

2019 Total funding: $750,000; 33 interns
BLM (21 interns), FS (6 interns), FWS (3 interns)
2018 Total funding: $1.43 million; 65 interns
BLM (52 interns), NPS (1 intern), FS (10 interns), FWS (2 interns)
2017 Total funding: $4.05 million; 137 interns
BLM (123 interns), NPS (1 intern), FS (10 interns), FWS (2 interns), USGS (1 intern)
2016 Total funding: $3.6 million; 128 interns
BLM (117 interns), NPS (3 interns), FS (5 interns), FWS (3 interns)
2015 Total funding: $3.6 million; 119 interns
BLM (100 interns), NPS (3 interns), FS (8 interns), FWS (3 interns), USGS (4 interns), GNPC (1 intern)
2014 Total funding: $2.7 million; 123 interns
BLM (109 interns), NPS (1 interns), FS (6 interns), FWS (2 interns), USGS (4 interns), GNPC (1 intern)
2013 Total funding: $2.3 million; 88 interns
BLM (76 interns), NPS (3 interns), FWS (4 interns), USGS (4 interns), GNPC (1 intern)
2012 Total funding: $2.5 million; 95 interns
BLM (88 interns), NPS (2 interns), FS (1 intern), FWS (3 interns), USGS (2 interns), GNPC (1 intern)
2011 Total funding: $2.2 million; 99 interns
BLM (81 interns), NPS (2 interns), FS (6 interns), FWS (2 interns), USGS (2 interns), CPC (4 interns)
2010 Total funding: $2.8 million; 134 interns
BLM (128 interns), NPS (5 interns), BGCI (1 intern)
2009 Total funding: $1.6 million; 84 interns
BLM (64 interns), NPS (14 interns), FS (4 interns), BGCI (2 interns)
2008 Total funding: $990,000; 55 interns
BLM (54 interns), NPS (1 intern)

PEER-REVIEWED PUBLICATIONS (+postdocs, *students)

34. Carter*, H. S., R. A. Raguso, J. B. Fant, Balbuena+, M., G. T. Broadhead*, and **K. A. Skogen**. Submitted. Hawkmoths provide extensive long-distance pollen dispersal to a small population of a rare evening primrose. Proceedings of the Royal Society B: Biological Sciences.
33. Carter*, H. S., T. Jogesh, R. A. Raguso, L. B. Bechen, G. T. Broadhead, A. M. Gruver, E. M. Lewis, E. T. Hilpman, and **K. A. Skogen**. In review. Assessing selection of both pollinating and predatory moths across a geographic mosaic of floral scent. Ecology.
32. Cohen, D. H., Fant, J. B., & Skogen, K. A. (2024). Conservation genomics assessment of Tharp's bluestar (*Amsonia tharpii*) with comparisons to widespread (*A. longilora*) and narrowly endemic (*A. fugatei*) congeners. *Evolutionary Applications*, 17, e13736. https://doi.org/10.1111/eva.13736
31. Overson+, R. P., M. G. Johnson, L. L. Bechen*, S. P. Kinosian+, N. A. Douglas, J. B. Fant, P. C. Hoch, R. A. Levin, M.J. Moore, R. A. Raguso, W. L. Wagner, **K. A. Skogen**, N. J. Wickett. 2023. A phylogeny of the evening primrose family (Onagraceae) using a target enrichment approach with 303 nuclear loci. BMC Ecology and Evolution. 23, 66. https://doi.org/10.1186/s12862-023-02151-9
30. Diaz-Martin, Z.+, A. Cisternas-Fuentes*, K. M. Kay, R. A. Raguso, **K. A. Skogen**, and J. B. Fant. 2023. Shifts in reproductive strategies and their consequences for divergence, gene flow, and genetic diversity. Heredity. https://doi.org/10.1038/s41437-023-00649-y
29. Cooper*, B. J., M. J. Moore, N. A. Douglas, W. L. Wagner, M. G. Johnson, R. P. Overson+, S. P. Kinosian+, A. J. McDonnell+, R. A. Levin, R. A. Raguso, H. F. Olvera. H. Ochoterena, J. B. Fant, **K. A. Skogen**, and N. J. Wickett. 2023. Target enrichment and extensive population sampling help untangle the recent,

rapid radiation of *Oenothera* sect. *Calylophus.* Systematic Biology. 72(2) 249-263. https://doi.org/10.1093/sysbio/syac032

28. Ksiazek-Mikenas, K., V. B. Chaudhary, **K. A. Skogen**. 2023. Native plant communities provide enhanced stormwater capture and evapotranspiration compared to *Sedum* on green roofs. Urban Ecosystems. https://doi.org/10.1007/s11252-023-01383-3
27. Li*, B., J. Fant, J. Zeldin**, K. Skogen**, and K. Havens. 2023. Genetic and floral trait changes in *Oenothera organensis* (Onagraceae) during long-term *ex situ* cultivation. International Journal of Plant Sciences. 184(4) https://doi.org/10.1086/724225
26. Lewis*, E. M, J. B. Fant, M, J. Moore, and **K. A. Skogen**. 2023. Hawkmoth and bee pollinators impact pollen dispersal at the landscape but not local scales in two species of *Oenothera* (Onagraceae). Special Issue "Pollen as the link between phenotype and fitness," American Journal of Botany. e16156. https://doi.org/10.1002/ajb2.16156 **Open Access.**
25. Wenzell*, K. E., **K. A. Skogen**, and J. B. Fant. 2023. Range-wide floral trait variation reflects shifts in pollinator assemblages, consistent with pollinator-mediated divergence despite generalized visitation. Oikos. 6. e09708. https://doi.org/10.1111/oik.09708 **Open Access.**
24. Cisternas Fuentez, A.*, T. Jogesh+, G. T. Broadhead*, R. A. Raguso, **K. A. Skogen**, and J. B. Fant. 2022. Evolution of the selfing syndrome and its influence on genetic diversity and inbreeding: A range-wide study in *Oenothera primiveris* (Onagraceae). American Journal of Botany. 109(5):1-17. https://doi.org/10.1002/ajb2.1861
23. Balbuena+, M., G. Broadhead*, A. Dahake*, E. Barnett*, M. Verrera*, **K. Skogen**, T. Jogesh+, and R. Raguso. 2022. Mutualism has its limits: consequences of asymmetric interactions between a well-defended plant and its herbivorous pollinator. Invited submission for special issue "From chemistry to landscapes: natural processes influencing pollinator health." Philosophical Transactions of the Royal Society B. 377: 20210166. https://doi.org/10.1098/rstb.2021.0166
22. **Skogen, K.,** T. Jogesh+, E, Hilpman*, S. Todd*, and R. Raguso. 2022. Extensive population-level sampling reveals clinal variation in (*R*)-(-)-linalool produced by the flowers of an endemic evening primrose, *Oenothera harringtonii*. Phytochemistry. 200: 113185 https://doi.org/10.1016/j.phytochem.2022.113185
21. Bechen*, L., M. Johnson+, G. Broadhead*, R. Levin, R. Overson+, T. Jogesh+, J. Fant, R. Raguso, **K. Skogen**, N. Wickett. 2022. Differential gene expression associated with a floral scent polymorphism in the evening primrose *Oenothera harringtonii* (Onagraceae). BMC Genomics. 23(1): 124. https://doi.org/10.1186/s12864-022-08370-6
20. Patsis*, A., R. Overson+, **K. Skogen**, N. Wickett, M. Johnson, W. Wagner, R. Raguso, J. Fant, and R. Levin**.** 2021. Elucidating the evolutionary history of *Oenothera* Sect. *Pachylophus* (Onagraceae): A phylogenetic approach. Systematic Botany. 46(3): 799-811. https://doi.org/10.1600/036364421X16312067913471
19. Ksiazek-Mikenas*, K., Chaudhary, B. Larkin, D., and **K. Skogen**. 2021. A habitat analog approach establishes native plant communities on green roofs. Ecosphere. 12(9): e03754 https://doi.org/10.1002/ecs2.3754
18. Wenzell*, K. E., A. J. McDonnell+, N. J. Wickett, J. B. Fant, and **K. A. Skogen**. 2021. Incomplete reproductive isolation and low genetic differentiation despite floral divergence across varying geographic scales in *Castilleja*. American Journal of Botany 108(7): 1–19. https://doi.org/10.1002/ajb2.1700 **Open Access.**
17. **Skogen, K**., R. Overson+, E. Hilpman*, and J. Fant. 2019. Hawkmoth pollination facilitates long distance pollen dispersal and reduces isolation across a gradient of land-use change. Annals of the Missouri Botanical Garden. 104(3): 495-511. https://doi.org/10.3417/2019475 **Open Access.**
16. Mikenas*, K., J. Fant, and **K. Skogen**. 2019. Pollinator-mediated gene flow connects green roof populations across the urban matrix: a paternity analysis of the self-compatible forb *Penstemon*

hirsutus. Frontiers in Ecology and Evolution. 7: 299. https://doi.org/10.3389/fevo.2019.00299 **Open Access.**

15. Bruzzese*, D. J., D. L. Wagner, T. Harrison, T. Jogesh+, R. P. Overson+, N. J. Wickett, R. A. Raguso, and **K. A. Skogen**. 2019. Diversification in the microlepidopteran genus Mompha (Lepidoptera: Gelechioidea: Momphidae) is explained more by tissue specificity than host plant family. PLoS ONE. 14(6): e0207833. https://doi.org/10.1371/journal.pone.0207833 **Open Access.**
14. Jogesh, T., G. T. Broadhead*, R. A. Raguso, and **K. A. Skogen**. 2018. Intraspecific floral diversity in the California evening primrose, *Oenothera californica* subsp. *avita*. Mojave National Preserve Science Newsletter. 12-16.
13. Rhodes, M. K.*, J. B. Fant, and **K. A. Skogen**. 2017. Pollinator identity and spatial isolation influence multiple paternity in an annual plant. Molecular Ecology. 26(16): 4296- 4308. doi:10.1111/mec.14115
12. Jogesh+, T., R. P. Overson+, R. Raguso, and **K. A. Skogen**. 2017. Herbivory as an important selective force in the evolution of floral traits and pollinator shifts in a clade of evening primroses, *Oenothera* sect. *Calylophus* (Onagraceae). AoB Plants. 9(1) doi:10.1093/aobpla/plw088 **Open Access.**
11. **Skogen, K. A.**, T. Jogesh+, E. T. Hilpman*, S. L. Todd*, M. K. Rhodes*, S. Still, and J. B. Fant. 2016. Land-use change has no detectable effect on reproduction in a disturbance-adapted plant pollinated by long-distance dispersing hawkmoths. American Journal of Botany. 103(11):1950-1963. doi:10.3732/ajb.1600302 **Open Access.**
10. Lewis, E. M.*, J. B. Fant, M. J. Moore, A. P. Hastings, E. L. Larson, A. Agrawal, and **K. Skogen**. 2016. Microsatellites for *Oenothera gayleana* and *O. hartwegii* subsp. *filifolia* (Onagraceae) and their utility in section *Calylophus.* Applications in Plant Sciences. 4(2). doi: 10.3732/apps.1500107
9. Barak, R.*, J. Fant, A. Kramer, and **K. Skogen**. 2015. Assessing the value of potential "native winners" for restoration of cheatgrass-invaded habitat. Western North American Naturalist. 75:58-69. doi: 10.3398/064.075.0107.
8. Rhodes, M.*, J. Fant, and **K. Skogen**. 2014. Local topography shapes fine-scale spatial genetic structure in the Arkansas Valley evening primrose, *Oenothera harringtonii* (Onagraceae). Journal of Heredity.105:900-909. doi: 10.1093/jhered/esu051 **Open Access.**
7. Ksiazek*, K., J. Fant, and **K. Skogen**. 2014. Native forbs produce high quality seeds on Chicago green roofs. Journal of Living Architecture. http://livingarchitecturemonitor.com/JOLA/JOLA2014_Volume1_Issue2_Ksiazek(etal).pdf
6. Fant, J., H. Weinberg-Wolf*, D. Tank and **K. Skogen**. 2013. Characterization of 12 microsatellite markers in *Castilleja sessiliflora* and transferability to other *Castilleja* species. Applications in Plant Sciences. 1(6):1200564. doi: 10.3732/apps.1200564
5. Ksiazek*, K., J. Fant and **K. Skogen**. 2012. An assessment of pollen limitation on Chicago green roofs. Landscape and Urban Planning. 107(4):401-408. doi: 10.1016/j.landurbplan.2012.07.008
4. **Skogen, K.**, E. Hilpman*, S. Todd*, and J. Fant. 2012. Microsatellite primers in *Oenothera haringtonii* Onagraceae), an annual endemic to the shortgrass prairie of Colorado. American Journal of Botany Primer Notes and Protocols in the Plant Sciences. 99(8):e313-6. doi:10.3732/ajb.1200003
3. **Skogen, K.,** K. Holsinger, and Z. Cardon. 2011. Nitrogen deposition and the decline of a regionally threatened legume, *Desmodium cuspidatum*. Oecologia.165(1):261-269. doi: 10.1007/s00442-010-1818-7
2. **Skogen, K.,** L. Senack*, and K. Holsinger. 2010. Dormancy, small seed size and low germination rates contribute to low recruitment in *Desmodium cuspidatum* (Fabaceae). Journal of the Torrey Botanical Society. 137(4):355-365. doi: 10.3159/10-RA-003.1
1. Johnson-Groh, C., C. Riedel, L. Schoessler and **K. Skogen**. 2002. Belowground distribution and abundance of *Botrychium* gametophytes and juvenile sporophytes. American Fern Journal 92(2):80-92. https://doi.org/10.1640/0002-8444(2002)092[0080:BDAAOB]2.0.CO;2

NON-PEER REVIEWED PUBLICATIONS AND REPORTS

Croslan, D., G. Chavarria, R. Nakamura, J. Pandey, S. Pickett, C. Podry, **K. Skogen**, M. Zaka, and S. Gallo. 2021. AIBS Diversity Plan. *BioScience*. https://doi.org/10.1093/biosci/biab026

Skogen, K., and K. Tuominen. 2019. Public policy news – Engage in botanical science advocacy. Plant Science Bulletin. 65(1)

Skogen, K., and K. Tuominen. 2018. Be an effective advocate for plants: Lessons from the Botany Bill (H.R. 1054) and what you can do! Plant Science Bulletin. 63(3)

Tienes, M.*, **K. Skogen**, P. Vitt and K. Havens. 2010. Optimal monitoring of rare plant populations - Report for the USDA Forest Service

INVITED SEMINARS AND TALKS

2025 Department of Botany and Biodiversity. University of Vienna, Austria.
2023 Department of Biological Sciences. University of South Carolina, Columbia.
2022 Biology Department Seminar. University of Minnesota, Duluth.
2020 Plant Science Decadal Vision, 2020-2030 – Why Ecologists Should Care About It. Ecological Society of America Conference, virtual
2020 Biology Department Seminar. The College of Wooster. Wooster, OH
2019 Department of Biological Sciences Seminar. University of Arkansas. Fayetteville, AR
2018 65th Annual Fall Symposium – Biota of North America: what we know, what we don't know and what we're losing. Missouri Botanical Garden. St. Louis, MO
2018 Botany Seminar. Rancho Santa Ana Botanic Garden. Claremont, CA. **Graduate Student Invited**
2018 Biology Department Seminar. Univ. of Wisconsin-Milwaukee. Milwaukee, WI
2017 Biology Department Seminar. Texas Tech University. Lubbock, TX
2016 Biology Department Seminar. Lake Forest College. Lake Forest, IL
2015 Green Matters 2015 Symposium – Protecting our Pollinators. Brookside Gardens and Montgomery Parks, Maryland. Silver Spring, MD
2015 Ecology and Evolution Department Seminar. University of Illinois – Chicago. Chicago, IL
2014 Entomology Department Seminar. University of Wisconsin – Madison. Madison, WI
2014 Plant Science Symposium. The Field Museum, Chicago, IL
2014 Biology Department Seminar Oberlin College, Oberlin, OH
2013 Biology Department Seminar. University of Wisconsin, Whitewater. Whitewater, WI
2013 Biology Department Seminar. Bucknell University, Lewisburg, PA. **Hosted by BSA Student Chapter**
2010 Botany Department Seminar. The Field Museum. Chicago, IL
2008 Biology Department Seminar. Lawrence University, Appleton, WI
2008 Biology Department Seminar. Central Connecticut State University, New Britain, CT

INVITED OUTREACH / ENGAGEMENT EVENTS

2021 UN Women Leadership Forum - The Future of STEM, Chicago. Virtual Panelist
2020 GirlConChicago – Annual Chicago-based conference for high school students identifying as female/non-binary. Invited scientist – Q &A on being a woman in STEM. Virtual Session
2020 Insights on Women in STEMM & Antarctic Expedition. Hosts: Wooster Women in STEM, MiSTEM, and the STEM Success Initiative. College of Wooster. Wooster, OH
2015 Work-life Balance in Academia, Panelist. Northwestern University. Co-hosted by Graduate Women Across Northwestern, Association for Women in Chemistry, and Women in Philosophy. Evanston, IL
2013 -2015 Woman in Science, Pollinators and Pollination. YWCA Lake County Tech GYRLS summer program and Catherine Cook School, Chicago, IL

TEACHING EXPERIENCE

BIOL SCI 4930-003: Senior Seminar - Pollination Biology, Instructor
Spring 2024
This seminar-style capstone course will introduce students to pollination biology and will cover the conceptual and theoretical background to important areas of plant reproductive biology, pollinator behavior, and the mutualism that is pollination biology. We will also explore the ways in which global change impacts plant-pollinator relationships and discuss the ethical considerations of these impacts. This course focuses on reading and discussion of historical and contemporary scientific literature. It will provide you with the opportunity to think critically and discuss your thoughts within a structured yet informal setting and will provide you with a basic background in reading and writing scientific papers.

BIOL SCI 3040/H3040: Biology of Plants, Instructor
Spring 2023, Fall 2023 Department of Biological Sciences, Clemson University
This course introduces students to the fundamental principles of the origins of land plants and the major trends in plant evolution, the 5 major plant taxa and key synapomorphies that distinguish each group from one another, the life cycles of the major plant taxa, the anatomy of basic plant structures, the function of basic plant structures, and the environment and representative flora of major global biomes

BIOL SCI 335/PBC 451: Current Topics in Ecology and Conservation, Instructor
Winter 2009 - 2011, Fall 2011 – 2021 Plant Biology and Conservation, Northwestern University
This course provides students with the conceptual and theoretical framework within the field of plant biology (especially ecology) and conservation. This seminar-style class is based on reading and discussion of historical literature paired with more recent research. It provides students with the opportunity to think critically and discuss their thoughts within a structured yet informal setting and provides them with a basic background in reading and writing scientific papers.

PBC 450: Field & Laboratory Methods in Plant Biology & Conservation, Co-Instructor
2009 – 2021 Plant Biology and Conservation, Northwestern University
The goals of this course are to (1) familiarize students with various tools and techniques used frequently in the plant biology and conservation research, (2) provide students hands-on experience with a variety of field and laboratory methods used in plant biology and conservation research, and (3) ensure that students complete the course feeling confident in their ability to select and implement the appropriate methods to address a variety of research questions.

Current Topics in Ecology & Evolutionary Biology, Co-instructor
2007 Department of Ecology and Evolutionary Biology, University of Connecticut, Storrs

Developmental Plant Morphology, Teaching Assistant
2004 Department of Ecology and Evolutionary Biology, University of Connecticut, Storrs

Introduction to Botany, Teaching Assistant
2003 Department of Ecology and Evolutionary Biology, University of Connecticut, Storrs

Principles of Biology, Teaching Assistant
2002, 2003 Department of Ecology and Evolutionary Biology, University of Connecticut, Storrs

POSTDOCS MENTORED

Dylan Cohen. Supported by NFWF Grant and BLM Contract. 2021-2024.
Tania Jogesh. Supported by the NSF-funded Dimensions of Biodiversity. 2014 – 2018.
Current Position: Data Scientist, City of San Francisco.

Rick Overson. Supported by the NSF-funded Dimensions of Biodiversity. 2014 – 2017.
Current Position: Research Manager, Cease Lab, Julie Ann Wrigley Global Institute of Sustainability. Arizona State University.

GRADUATE STUDENTS ADVISED – MAJOR ADVISOR

16 Total: 12 M.S., 4 Ph.D. – 12 underrepresented in STEM; 11 women

Current

Maris Woldin. Clemson University, M.S. expected 2025

Andrew Davies. Northwestern University, Ph.D. expected 2026

Finished

Haley Carter. Northwestern University, Ph.D. 2024, Co-advisor. Causes and consequences of floral scent diversity in a rare evening primrose.

Alissa Doucet. Northwestern University, M.S. 2024. How spatial distribution relates to the gene flow, genetic diversity and seed viability of an endangered, hawkmoth pollinated plant, Tharp's Bluestar (*Amsonia tharpii*)

Susan Deans. Northwestern University, M.S. 2022. Conservation status and floral biology of Kaua'i endemic *Hibiscus* species.

Katie Wenzel. Northwestern University, Ph.D. 2021, Co-advisor. Do Pollinators Drive Divergence? Connecting Floral Phenotypes, Pollinators, and Gene Flow to Understand Floral Trait Divergence in *Castilleja.* Current Position: Postdoc, John Innes Center. Norwich, UK. Kelsey Byer's lab.

Katherine Andrews. Northwestern University, M.S. 2019. Precipitation frequency negatively impacts plant survivorship, growth, phenology and herbivory in *Oenothera harringtonii*.
Current Position: Director of Cultivation, Standards and Practices, Cresco Labs

Kelly Mikenas. Northwestern University, Ph.D. 2017. The Potential of Green Roofs to Provide Habitat for Native Plant Conservation. Current Position: Assistant Professor, Department of Biology; Director, Environmental Studies Program. Elmhurst College.

Dan Bruzesse. Northwestern University, M.S. 2016. Host use and diversification of the genus *Mompha* (Lepidoptera: Gelechioidea: Momphidae). Current Position: Ph.D. student in Dr. Jeff Feder's lab at the University of Notre Dame.

Ben Cooper. Northwestern University, M.S. 2016. Revealing patterns of evolution in a recently radiated plant group, the Sundrops (*Oenothera* Section *Calylophus*: Onagraceae) using target enrichment. Current Position: PhD program in Ya Yang's lab at the University of Minnesota.

Emily Lewis. Northwestern University, M.S. 2015. Differences in population genetic structure of hawkmoth- and bee-pollinated species of *Oenothera* (Onagraceae) are more pronounced at a landscape scale. Current Position: Graduate coordinator. Math Department, Washington State University.

Matthew Rhodes. Northwestern University, M.S. 2013. Spatial genetic structure and nonrandom pollination success in *Oenothera harringtonii* (Onagraceae). Current Position: Ecological consultant, Lander, WY.

Ricardo Rivera. Northwestern University, M.S. 2013. Quantitative genetics in a fragmented landscape, a study of heritable floral traits in *Oenothera harringtonii* (Onagraceae). Current Position: Ph.D. candidate in Dr. Erika Marin Spiotta's lab at the University of Wisconsin, Madison.

Rebecca Barak. Northwestern University, M.S. 2012. Species interactions between native forbs and invasive cheatgrass (*Bromus tectorum* L.) in the Colorado Plateau.
Current Position: Assistant Conservation Scientist. Chicago Botanic Garden.

Emily Booth. Northwestern University, M.S. 2011. Potential effects of climate change on *Penstemon palmeri* at Zion National Park, Utah, U.S.A. Current Position: Postdoctoral researcher in Dr. Brent Sewall's lab at Temple University.

Melissa Gray. Northwestern University, M.S. 2011. The effects of floral density manipulation on the pollination and reproductive success of *Penstemon pachyphyllus.* Current Position: Assistant editor in Plant and Environmental Science at Encyclopedia Britannica.

GRADUATE STUDENTS ADVISED – COMMITTEE MEMBER

16 Total: 14 M.S., 2 Ph.D. - 14 underrepresented in STEM; 13 women

Katherine Riddle. Clemson University, M.S. 2025.
Samantha Turner-Rosa. Northwestern University, M.S. 2024
Alexandra Zink. Northwestern University, M.S. 2023
Bing Li. Northwestern University, M.S. 2021
Kristen Manion. Northwestern University, M.S. 2021
Anita Cisternas-Fuentes. Northwestern University, Ph.D. 2021
Marie Faust. Northwestern University, M.S. 2019
Elliot Gardner. Northwestern University, Ph.D. 2017
Christopher Warneke. Northwestern University, M.S. 2015
Laney Widener. Northwestern University, M.S. 2014
Anna Braum. Northwestern University, M.S. 2014
Karen Taira. Northwestern University, M.S. 2013
Byron Tsang. Northwestern University, M.S. 2012
Kelly Ksiazek. Northwestern University, M.S. 2011
Megan Kate Gallagher. Northwestern University, M.S. 2011
Megan Jensen. Northwestern University, M.S., 2010

RESEARCH ASSISTANTS, UNDERGRADUATE & HIGH SCHOOL STUDENTS MENTORED

37 Total - 27 underrepresented in STEM; 26 women

Research Assistants

Maris Woldin. 2023
Chris Woolridge. 2017 – 2019
Haley Carter. 2017 – 2018
Lindsey Bechen. 2016 – 2018
Andrea Gruver. 2015 – 2017
Emily Lewis. 2015 – 2016
Evan Hilpman. 2009 – 2015
Matt Rhodes. 2012 – 2015
Sadie Todd. 2009 – 2013

Undergraduate Students

Kayce Blumenstock. Clemson University. Research student. 2023.
Bibiana Belknap Fernandez. Northwestern University. Research intern 2021-2022.
Kyann Young. Saint Xavier University. Research Intern. 2021.
Laura Fehling. University of Wisconsin – Green Bay. REU Student. 2018
Casey Beidelman. Northwestern University. Research Intern. 2017
Sydney Weil. Amherst College. Summer 2017
Melissa Vergara. University of California – Santa Cruz. REU. **BSA PLANTS Award.** 2017
Victoria Luizzi. Amherst College. REU Student. 2016
Katherine Andrews. Lake Forest College. 2014 – 2016
Taylor Tate. Northwestern University. **Northwestern Summer Undergraduate Research Award.** 2015
Evan Levy. Colorado College. REU Student. 2015

Adam Rork. Maryville University. REU Student. 2015
Lindsey Bechen. Amherst College. Research Intern. 2015
Amanda Patsis. Amherst College. Research Intern. 2015
Andrea Gruver. Gustavus Adolphus College. REU Student. 2014
James Medina. Oberlin College. 2012, 2013
Kathleen (KC) West. Claremont McKenna College. Research Assistant. 2012 – 2013
Heather-Rose Kates. Oberlin College. REU Student. 2010
Carrie Klase. Warren Wilson College. REU Student. 2009
Quincy Roberts. Lake Forest College. Research Intern. 2008 – 2009
Evan Hilpman. Colorado College. Research Intern. **Senior thesis advisee**. 2008-2009
Logan Senack. University of Connecticut. **Senior thesis advisee, University Scholar**. 2006 – 2008
Susan Kim. University of Connecticut. Research Intern. 2007
Kathryn Sturgeon. University of Connecticut. Research Intern. 2005 – 2006
Claudette Casile. University of Connecticut, Honors student. Research Intern. 2005
Meagan Ridder. University of Connecticut. Research Intern. **Garden Club of America Scholar**. 2004

High School Students
David Anaya. Lake Forest Open Lands - Center for Conservation Leadership Intern. 2020 – 2021
Yessinia Rodriguez. Lake Forest Open Lands - Center for Conservation Leadership Intern. 2019 – 2020

PROFESSIONAL SERVICE

2020 – 2026	American Institute of Biological Sciences. Board Member *Ad hoc* Committees: Diversity; Education and Professional Development; Personnel
2017 – 2023	Botanical Society of America. Public Policy Committee. Co-chair
2021 – 2023	Botanical Society of America. Botany 360 Ad Hoc Committee Member
2020 – 2022	Linda Loring Nature Foundation. Research Advisory Board Member
2019 – 2022	Plant Conservation Alliance – Non-Federal Cooperators Committee. Co-chair Coordinate outreach, education, and advocacy for the Botany Bill, H.R. 1572 and S.2384.
2018 – 2022	American Society of Plant Taxonomists. Promotional Materials Committee Member
2015 – 2022	Botanical Society of America. Northwestern University Student Chapter. Faculty Rep
2020 – 2021	Botanical Society of America. Strategic Planning Committee Member
2020 – 2021	Field Museum. Curator of Entomology Search Committee - External Member
2020	American Philosophical Society. Lewis and Clark Fund for Exploration and Field Research.
2019 – 2020	American Society of Plant Taxonomists. Graduate Student Research Awards. Proposal Reviewer
2013	Buell & Braun Student Presentation/Poster Awards. Judge. Ecological Society of America. Annual Meeting. Portland, OR
2010 – 2013	Botanical Society of America. Karling and Graduate Student Research Awards.
2004 – 2005	Society for Conservation Biology. Student Advisory Committee Member

DEPARTMENTAL SERVICE

Clemson University

2022 – 2024	Promotion and Tenure Review Committee, Dept. of Biological Sciences - member
2022 – 2023	Instructor of Biology Search Committee - member

Chicago Botanic Garden & Graduate Program in Plant Biology and Conservation, Northwestern University

2020 – 2022	DEI Committee
2020 – 2022	DEI – Recruitment and Admissions Committee

2020 – 2022 Non-thesis Master's Committee
2018 – 2022 Science Communication Committee
2017 – 2019 Pollinators in the Garden, 2019 theme. Steering Committee member, Science Advisor
2016 – 2019 Master's Committee
2011 – 2019 Curriculum Committee
2011 – 2012 Master's Committee
2008, 2010, 2013. Master's Research Awards Reviewer

University of Connecticut

2007 Science, Engineering and Health Professions Collaborative Symposium to promote minorities in the sciences. Ecology and Evolutionary Biology Department Representative
2006 – 2008 Center for Conservation and Biodiversity Committee, Graduate Representative
2006 Board of Trustees Distinguished Professor Advisory Committee, Graduate Representative
2005 Board of Trustees Distinguished Professor Advisory Committee, Graduate Representative
2002 – 2003 Graduate Student Senate, Elected Senator

PUBLIC POLICY INVOLVEMENT

2017 – 2023 Botanical Society of America. Public Policy Committee. Co-chair
2019 – 2022 Plant Conservation Alliance – Non-Federal Cooperators Committee. Co-chair
Advocacy for legislation introduced in 116th Congress: Botany Bill, H.R. 1572 and S.2384
2016 – 2018 H.R. 1054 – Botanical Sciences and Native Plant Materials Research, Restoration, and Promotion Act. Science advisor
2017 Congressional visits on Capitol Hill. Offices of Sen. Duckworth (IL), Rep. Schneider (IL-10)
American Institute of Biological Sciences – Science Communication Boot Camp
2016 Congressional visits on Capitol Hill. Offices of Sen. Durbin (IL), Rep. Schneider (IL-10)
Ecological and Biological Sciences Coalition
2013 – 2017 Botanical Society of America. Public Policy Committee. Committee member

ORGANIZED SYMPOSIA AND MEETINGS

2021 - 2022 Hawaiian Rare Plant Genetics Workshop. Integrating field and molecular approaches to advance plant conservation in Hawaii. *Workshop organizing committee member and session facilitator.* Virtual. Oct 2021 – March 2022.
2021 American Institute of Biological Sciences and USA Nagoya Protocol Action Group. International Workshop Series - More than Potatoes: Collaboration for Collecting and Building the Tree of Life. Host organizations: Botanical Society of America and American Society of Plant Taxonomists. *Workshop facilitator representing the BSA (Public Policy Committee Co-chair).* Nov. 15.
2021 American Institute of Biological Sciences. Enabling Scientific Societies to Support Inclusive, Diverse, Equitable, and Accepting (IDEA) Scientific Environments. *Workshop organizing committee member.* Virtual. Nov. 4 – 5.
2018 Botanical Society of America. Using Our Science to Inform Policy. *Workshop co-organizer/moderator.* BSA 2018 Annual meeting, Rochester, MN
2009 – 2018 Conservation and Land Management Internship Program Training Workshop. *Committee chair*. 2009, 2010: Albright Training Center - Grand Canyon National Park
2011 – 2018: Chicago Botanic Garden. ~75 CLM interns and 10-15 instructors annually
Sessions on plant inventorying and monitoring, field botany and conservation genetics
2010 Botanical Society of America. Plant/Pollinator Interactions in Fragmented Landscapes. *Symposium Co-organizer*. BSA Annual Meeting, Providence, RI

2006 15th Annual Graduate Student Symposium. *Committee member*. Ecology and Evolutionary Biology Department, University of Connecticut

2004 Northeast Ecology and Evolution Conference. *Co-chair member, Organizing and Fundraising Committees*. University of Connecticut, Storrs, CT. Raised $23,000; Oversaw 4 committees (Abstract/Program, Registration, Website and Internal. Recruiting Committees); 210 participants; 135 presentations (oral and poster)

MANUSCRIPTS REVIEWED

American Journal of Botany
Annals Botanici Fennici
Annals of Botany
AoB Plants
Conservation Science and Practice
Database
Ecology
Evolutionary Applications
Evolutionary Ecology
Heredity
International Journal of Plant Sciences
Natural Areas Journal
New Phytologist
Oecologia
Plant Species Biology
PLoS One

PROPOSAL REVIEWER

2021 National Science Foundation. CAREER. *Ad hoc* reviewer.
2019 Univ. of Wisconsin-Milwaukee. Research Growth Initiative. External reviewer.
2018 National Science Foundation. Dimensions of Biodiversity. *Ad hoc* reviewer.
2017 National Science Foundation. Dimensions of Biodiversity. *Ad hoc* reviewer.
2016 National Science Foundation. Dimensions of Biodiversity. Panelist.

PROFESSIONAL SOCIETIES

Botanical Society of America
Ecological Society of America
American Society for Plant Taxonomists

PRESS

2020 Meet Scientist Krissa Skogen: She is working to empower women and save the planet…and it's working. Better Magazine
2020 Chicago Botanic Garden scientist shares Antarctica adventure. The Glencoe Anchor
2020 This Indianapolis woman is first Hoosier in all-female, 3-week Antarctic expedition. IndyStar
2020 Scientist shares Antarctica adventure with LFOLA audience. The Lake Forest Leader
2019 Moths have a champion in Krissa Skogen. Keep Growing - Chicago Botanic Garden Magazine
2018 Midwestern women join climate change contingent in Antarctica. Energy News Network
2015 "She blooms in role at Botanic Garden." The North Shore Weekend Newspaper.
2014 The evening primrose, the hawkmoth, and the Mompha moth: an evolutionary love triangle. Keep Growing - Chicago Botanic Garden Magazine
2014 Evening primrose by any other name is a moth plant. USDA Blog
2014 A growing knowledge: from plants to pollinators. UConn Today - University of Connecticut
2014 Nature Documentaries. Plants Are Cool, Too! Episode Feature
2013 Taking 'adventure botany' on the road. UConn Today - University of Connecticut

Chicago Botanic Garden Blog

2020 A Journey to Antarctica for Women in STEMM.
2017 Hawkmoth pollination promotes promiscuity in plants.

2013 Behind the Scenes – Filming "Plants Are Cool, Too!"
2013 The Evolution of a Research Idea

ENGAGEMENT & OUTREACH

Radio

2022 Marfa Public Radio – Nature Notes. The evening primrose is the center of an aromatic drama in the desert night

Podcasts

2019 Botanical Mystery Tour – Episode 6: The Silence of the Lambs and the Death's Head Hawkmoth. *Featured scientist*. Featured scientist - discussed the science behind the Silence of the Lambs, death's head hawkmoths, and challenges faced by women in STEM

2018 The Shape of the World – Episode 4: Secret in the Scented Night.
Featured scientist. Host Jill Riddell discusses my research and career in science

Video

2013 Plants Are Cool, Too! Episode 4 - Desert Blooms and Marathon Moths. *Featured Scientist.* Dr. Chris Martine, hose of the YouTube series, joins Krissa Skogen in New Mexico's White Sands National Monument and finds plant romance happening by the light of the full moon. Hawkmoths fly for miles each night in search of flower nectar - and are thus critically important as pollinators of desert wildflowers.

General Public

2021 UN Women in Leadership Forum – The Future of Women in STEM. Host: Chicago Chapter of the US National Committee for UN Women. STEM panelist.

2020 Nocturnal Pollination: the importance of moths, the threats they face, and how you can help. Lake-Cook Chapter of the Illinois Audubon Society. ~90 attendees

2020 Pollinator Gardens – how to support pollinators in the city!
Old Irving Park Neighborhood Association, Chicago, IL

2019 After Hours Buzz – Nocturnal Pollination. Chicago Botanic Garden event for Bees and Beyond annual theme. *Featured scientist,* lecture on moth pollination

2019 Bee Buzz – Conservation Cocktails. Lake Forest Open Lands – Melody Farm Nature Preserve. *Featured scientist,* lecture and nature walk focused on bee and moth pollination

2018 Experimental Words – Poetry Slam *Science-Poetry collaboration*. As one of 5 scientists paired with Chicago-area poets, I created and performed poems inspired by my research on hawkmoth pollination and José Olivarez's poetry. U.S. premier performance project from Manchester, U.K.-based scientist Sam Illingworth, Ph.D., and poet Dan Simpson. Chicago Botanic Garden

2017 Soho House Pollinator Awareness Event *Panelist*.
Co-hosted by the Pollinator Partnership, Sprout Modern, and Soho House. Chicago.

2011 CBG Dixon National Tallgrass Prairie Seed Bank Volunteers learned about my research and collected fitness data.

Graduate and Undergraduate Students

2020 Insights on Women in STEMM leadership program and Antarctic Expedition. Hosted by Wooster Women in STEM, MiSTEM, and the STEM Success Initiative. College of Wooster. Wooster, OH

2015 Work-life Balance in Academia, *Panelist*. Northwestern University. Co-hosted by Graduate Women Across Northwestern, Association for Women in Chemistry, and Women in Philosophy.

K - 12 Students

2020 GirlConChicago – annual Chicago-based conference for high school students identifying as female/non-binary, to learn about career opportunities to combining their field of passion with technology. Invited scientist – Q &A on being a woman in STEM. Chicago, IL

2019 Antarctic Expedition & Importance of Diversity and Women in STEMM
Oak Terrace Elementary School. Highwood, IL – 3rd and 5th grade. ~200 students
Dual language school. 75% Hispanic. 70% low income. 62% limited English
Nuestro Center. Highwood, IL – 1-5th grades. 40 students
Woodland Elementary School, Gurnee, IL – 2nd & 3rd grade Art Classes. 100 students
58% Minority, 36% low income. 20% limited English
Girl Scouts Troop 45764 - 2nd & 3rd grades. 16 students

2019 Lake Forest Open Lands - Center for Conservation Leadership Internship. *Mentor* to high school student developing and executing year-long service project

2018 Conservation Corps Conference – Forest Preserves of Cook County. *Career panelist.*

2018 Project Exploration – Sisters 4 Science. *STEM Scientist Instructor*. Ariel Community Academy, Chicago, IL.98% Black, 81% low income. 14% diverse learners.

2017 Girl Scouts of Greater Chicago and Northwest Indiana. *Panelist*. Imagine your future – Environmental Scientist Edition. Discussed my career in science and research with 4th-8th grade girls to increase exposure to careers in science.

2017 Project Exploration – Sisters 4 Science. *STEM Scientist Instructor*
After school program for young girls from underrepresented communities in Chicago elementary and middle school. Each session is led by a female scientist who emphasize leadership development through scientific exploration. www.projectexploration.org
Discussed my career background, a day in the life of a scientist, and lead a hands-on experiment focused on flowers and pollinators.
Carter G. Woodson North Middle School, Chicago, IL. 96% Black, 3% Hispanic. 97% low income. 20% diverse learners.
Frederick Funston Elementary School, Chicago, IL. 91% Hispanic, 9% Black. 96% low income. 18% diverse learners. 42% limited English.

2017 Oak Terrace Elementary School Dual language school. Kindergarten and Ecology Club Sessions
75% Hispanic. 70% low income. 62% limited English.

2013– 2015 Women in Science, Pollinators and Pollination. YWCA Lake County Tech GYRLS summer program and Catherine Cook School, Chicago, IL.

2011, 2013 Girl Scouts of America. Female Scientist Mentor. Worked with troops to earn their 'Meet a Female Scientist' and 'Plant Life' badges.

2012 NorthShore Homeschool Group. AP Biology. Taught plant reproduction, pollination, and genetics.
Starbucks Corporation Executive Nonprofit Volunteer Day. Volunteers learned about my research and collected fitness data.

2009 – 2010 Planting Science Mentor to high school students on their botany research project.

2005 Middle School Biodiversity Curriculum Development. Developed a biodiversity curriculum for CT 6th grade teachers incorporating concepts in Ecology and Evolutionary Biology, coordinated with the Education Department, University of Connecticut.

CONTRIBUTED RESEARCH TALKS AND POSTERS (*presenting author, ·students)

2023 Powers*, J., S. Weller, A. Sakai, A. Adler·, T. Hsu, F. Ma, S. Zonis, E. Loke, A. Loomis, N. Wickett, M. Moore, W. Wagner, A. McDonnell, K. Skogen, L. Weisenberger. Pollen tube growth as a barrier to hybridization in *Schiedea* (Caryophyllaceae). BOTANY Conference.
Cohen*, D., K. Skogen, J. Fant, A. Doucet·,. Evoultionary history and population genetics of an

endangered plant species (*Amsonia tharpii)* across a fragmented landscape. BOTANY Conference.

Trinh*+, M., S. Weller, A. Sakai, A. McDonnell, E. Loke+, N. Wickett, K. Skogen, W. Wagner, L. Weisenberger, K. Wood, and M. Moore. Unlocking the evolution of different sexes in the Hawiian endemic *Schiedea*. BOTANY Conference.

2022 Overson, R., M. Johnson, L. Bechen, S. Kinosian*, N. Douglas, J. Fant, P. Hoch, R. Levin, M. Moore, R. Raguso, W. Wagner, K. Skogen, and N. Wickett. A phylogeny of the evening primrose family (Onagraceae) with a focus on the tribe Onagrae using a target enrichment approach. BOTANY Conference.

Loke, E.*+, A. McDonnell, M. Moore, A. Sakai, K. Skogen, W. Wagner, S. Weller, L. Weisenberger, and N. Wickett. Incorporating phased alleles to reconstruct a recent and rapid radiation in *Schiedea* (Caryophyllaceae) BOTANY Conference.

McDonnell, A.*, E. Loke+, M. Moore, A. Sakai, S. Weller, W. Wagner, K. Skogen, L. Weisenberger, and N. Wickett. The draft genome of *Schiedea membranacea:* a foundation for understanding the evolution in the genus. BOTANY Conference.

2021 Diaz-Martin*, Z., A. Cisternas+, K. Skogen, K. Kay, R. Raguso, J. Fant. Differences in gene flow between progenitor-derivative taxa reflect pollination mode and mating system. BOTANY Conference, virtual

McDonnell*, A., E. Loke+, M. Moore, A. Sakai, S. Weller, W. Wagner, K. Skogen, L. Weisenberger, N. Wickett. New perspecives on the evolution of plant breeding systems in the radiation of Hawaiian *Schiedea* (Caryophyllaceae). BOTANY Conference, virtual

2020 Skogen, K.* Ecology as a Key Player in Engaging a Generation of Community Plant Scientists. Invited talk in the Ignite session: The Plant Science Decadal Vision, 2020-2030 - Why Ecologists Should Care About It. Ecological Society of America Conference, virtual

K. Skogen*, R. Raguso, J. Fant, E. Lewis+, A. Gruver+, H. Carter+, and T. Jogesh. Floral antagonists generate floral fragrance diversity in the evening primrose *Oenothera harringtonii.* Ecological Society of America Conference, virtual

J.* Fant, A. Cisternas Fuentes+, E. Donaldson+, I. Moore+, H. Noble and K. Skogen. Consequences of pollinator behavior on genetic diversity: a comparison of two *Clarkia* species with contrasting pollinator visitors. Ecological Society of America Conference, virtual

A. Cisternas Fuentes*+, T. Jogesh, K. Skogen, and J. Fant. Evolution of selfing syndrome and its influence on genetic diversity and inbreeding: A range-wide study in *Oenothera primiveris* (Onagraceae). BOTANY Conference, virtual

K. Wenzell*+, J. Fant and K. Skogen. Variation in floral traits across taxonomic and geographic scales as a model for species divergence in *Castilleja*. BOTANY Conference, virtual

2019 Cooper*+, B., M. Moore, N. Wickett, W. Wagner, M. Johnson, R. Overson and K. Skogen. The power of population sampling, splash-zone introns, and summary coalescent methods in targeted enrichment: untangling species relationships in *Oenothera* sect. *Calylophus.* BOTANY Conference. Tucson, AZ

Carter*+, H., J. Fant, C. Woolridge+, and K. Skogen. Mating dynamics and linalool production in *Oenothera harringtonii.* BOTANY Conference. Tucson, AZ.

Wenzell*+, K., J. Fant, and K. Skogen. Floral divergence in color and corolla length in relation to major pollinators within *Castilleja.* BOTANY Conference. Tucson, AZ

Skogen, K*., J. Fant, A. Cisternas+, E. Lewis+ and M. Rhodes+. Pollinator foraging behavior and dispersal patterns predict population genetic structure in plants. BOTANY Conference. Tucson, AZ

2018 Bechen+, L., N. Wickett*, M. Johnson, R. Levin, T. Jogesh, R. Overson, J. Fant, R. Raguso, and K. Skogen. Differential gene expression associated with a floral scent polymorphism in the

evening primrose *Oenothera harringtonii* (Onagraceae). BOTANY Conference. Rochester, MN

Wenzell*+, K., J. Fant, and K. Skogen. Geographic variation in pollinators and floral traits in a widespread species *Castilleja sessiliflora* (Orbanchaceae). BOTANY Conference. Rochester, MN

Jordan-Thaden, I.*, K. Skogen*, and K. Tuominen*. Using our science to inform public policy. BOTANY Conference. Rochester, MN

2017 Wenzell*+, K., J. Fant, and K. Skogen. Range-wide variation in floral traits and local pollinator assemblages in *Castilleja sessiliflora* (Orobanchaceae). Ecological Society of America Conference. Portland, OR. Poster

Patsis*+, A., R. Overson, M. Johnson, K. Skogen, W. Wagner, R. Raguso, N. Wickett, and R. Levin. Elucidating the evolutionary history of *Oenothera* sect. *Pachylophus* using phylogenomics. BOTANY Conference. Fort Worth, TX

Vergara*+, M., K. Skogen, T. Jogesh, and K. Kay. Do herbivores prefer flower buds over leaves? Evaluating caterpillar preferences in evening primroses (Onagraceae). BOTANY Conference. Fort Worth, TX. Poster

Havens-Young, K., A. Kramer, K. Skogen*, and E. Williams. Advocacy for native plants and restoration: 'Botany Bill', H. R. 1054 – the Botanical Sciences and Native Plant Materials Research, Restoration and Promotion Act. BOTANY Conference. Fort Worth, TX. Poster

Skogen*, K., T. Jogesh, E. Lewis+, A. Gruver+, G. Broadhead+, R. Overson, and R. Raguso. Is floral scent at the nexus of interactions among plants, pollinators and herbivores in the evening primroses (Onagraceae)? BOTANY Conference. Fort Worth, TX.

2016 Skogen*, K., T. Jogesh, R. Overson, J. Fant, and R. Raguso. Evolution of floral traits in the evening primrose family, Onagraceae. BOTANY annual conference. Savannah, Georgia.

Gardner*+, E., M. Johnson, K. Skogen, N. Wickett, and N. Zerega. Phylogenomics of *Artocarpus* (Moraceae): insights into pollination transitions. BOTANY Conference. Savannah, GA

Overson*, R., M. Johnson, J. Fant, R. Levin, M. Moore, W. Wagner, R. Raguso, K. Skogen, and N. Wickett. A phylogeny of the evening primrose family (Onagraceae) using a target enrichment approach for 322 nuclear loci. BOTANY Conference. Savannah, GA

Bechen*+, L., R. Overson, M. Johnson, J. Fant, R. Levin, R. Raguso, K. Skogen, and N. Wickett. Organ-specific transcriptomes of *Oenothera harringtonii* (Onagraceae) and associated variation in floral scent. BOTANY Conference. Savannah, GA

Lewis*+, E., J. Fant, M. Moore, and K. Skogen. Differences in population genetic structure of hawkmoth- and bee-pollinated species of *Oenothera* (Onagraceae). BOTANY Conference. Savannah, GA

Jogesh*, T., R. Raguso, R. Overson, J. Fant, and K. Skogen. Geographic variation in herbivore selection and the diversification of floral scent in evening primroses (Onagraceae). BOTANY Conference. Savannah, GA

Cooper*+, B., M. Moore, N. Wickett, R. Overson, M. Johnson, and K. Skogen. Using target enrichment methods to resolve the phylogeny of *Oenothera* sect. *Calylophus* (Onagraceae) with 322 nuclear loci. BOTANY Conference. Savannah, GA

2015 Tank*, D., L. Widener +, M. Latvis, S. Jacobs. K. Skogen, J. Fant. Phylogeny and evolution of a historically challenging species group: mixed data types identify cryptic species and a history of gene flow in the *Castilleja latifolia* (Orbanchaceae) species alliance. BOTANY Conference. Edmonton. Alberta.

2013 Rhodes*+, M.K., K. Skogen & J.B. Fant. Moths vs. bees: Linking temporal variation in pollinator community structure to reproductive dynamics and pollen movement in an annual plant. Ecological Society of America Conference. Minneapolis, MN

Ksiazek+, K., R. K. Tonietto & K. Skogen*. Green roofs provide resources for native forbs and bees i in Chicago. Invited talk for special session: incorporating Ecology into Green Research.

Ecological Society of America Conference. Minneapolis, MN

2012 Skogen*, K., J. Fant and R. Raguso. Vagrant pollinators and fragrant plants - geographic structure in floral scent despite hawkmoth-mediated gene flow linking isolated populations. Ecological Society of America Conference. Portland, OR

Rivera*+, R., K. Skogen, and J. Fant. Quantitative genetics in a fragmented landscape, a study of heritable traits in *Oenothera harringtonii.* Ecological Society of America Conference. Portland, OR

Barak*+, B., K. Skogen, and J. Fant. Assessing competitive potential of native forbs from cheatgrass-dominated habitats. Ecological Society of America Conference. Portland, OR

2010 Skogen*, K., R. Raguso, J. Fant and E. Hilpman+. Does fragmentation negatively impact species pollinated by long-distance dispersers? Variation in floral advertisements, rewards and neutral genetic markers in *Oenothera harringtonii*. BOTANY Conference. Providence, RI

2009 Skogen*, K, R. Raguso, J. Fant, E. Hilpman*+, S. Kelso, and Q. Roberts+. Fragmented fragrances: habitat modification, population structure and reproductive ecology in a rare prairie endemic, *Oenothera harringtonii*. BOTANY Conference. Snowbird, UT. Poster

2008 Skogen*, K. and K. Havens. Demand for botanists on federal lands: Partnerships between botanic gardens and land management agencies. BOTANY Conference, Vancouver, Canada

2007 Skogen*, K. Does atmospheric nitrogen deposition contribute to the decline of a native nitrogen-fixing species, *Desmodium cuspidatum*? BOTANY Conference.Chicago, IL

Skogen*, K. Does atmospheric nitrogen deposition contribute to the decline of a native nitrogen-fixing species, *Desmodium cuspidatum*? 17th Annual Graduate Student Symposium, Ecology and Evolutionary Biology Department, University of Connecticut. Storrs, CT

2006 Skogen*, K. Atmospheric nitrogen deposition and the decline of a nitrogen-fixing plant species. Environmental Protection Agency Science to Achieve Results Conference. Washington, DC. Poster

Skogen*, K. and K. Holsinger. Does size matter? Genetic diversity in declining and secure populations of *Desmodium cuspidatum*. BOTANY Conference. Chico, CA

2005 Holsinger*, K., and K. Skogen. Plant genetic consequences of pollinator declines. National Research Council Workshop on the Status of Pollinators in North America. National Academy of Sciences. Washington, DC

Skogen*, K. Demography and reproductive biology of threatened populations of *Desmodium cuspidatum* (Fabaceae). BOTANY Conference. Austin, TX

2004 Skogen*, K. Exploring causes of decline in the large-bracted tick-trefoil, *Desmodium cuspidatum*, (Fabaceae). 2nd Annual Northeast Ecology and Evolution Conference, University of Connecticut, Storrs, CT. Poster

2003 Skogen*, K. 2003. Exploring causes of decline in the large-bracted tick-trefoil, *Desmodium cuspidatum*, (Fabaceae). National Science Foundation/New England Wildflower Society Fellowship in Conservation Biology Symposium, New England Wildflower Society, Framingham, MA. Oral and poster

Skogen*, K. Exploring causes of decline in rare plant species. Northeast Ecology and Evolution Conference, Rutgers University. New Brunswick, NJ

Skogen*, K. Exploring causes of decline in rare plant species. 13th Annual Graduate Student Symposium, Ecology and Evolutionary Biology Department, University of Connecticut

2001 Bradford*, K, S. Liarakos, K. Skogen, A. Tietmeyer, P. Vitt and K. Havens. Comparing the ability of two PCR-based techniques, RAPD and ISSR, to detect low levels of genetic diversity. 2001 Midwestern Plant Conservation Conference, Chicago Botanic Garden, Glencoe, IL. Poster

2000 Tietmeyer*, A., K. Skogen*, K. Bradford, J. Taylor* and P. Vitt. Using demographic and genetic indicators to investigate the effects of woodland restoration on the threatened *Viola*

conspersa. Sixth Annual Janet Meakin Poor Research Symposium: 2001 Midwestern Plant Conservation Conference, Chicago Botanic Garden, Glencoe, IL. Poster

Johnson-Groh, C.L., L. Schoessler*, C. Riedel and K. Skogen. Underground distribution and abundance of *Botrychium* gametophytes and juvenile sporophytes. Symposium: Biology and Conservation of the Ophioglossaceae--A Tribute to Warren "Herb" Wagner. BOTANY Conference, Portland, OR

Johnson-Groh, C.L., L. Schoessler*, C. Riedel and K. Skogen*. The distribution and abundance of underground gametophytes in four species of *Botrychium* (moonwort ferns). National Conference of Undergraduate Research. Missoula, MT

1999 Johnson-Groh, C.L., L. Schoessler*, C. Riedel and K. Skogen*. 1999. Underground distribution and abundance of *Botrychium* gametophytes and juvenile sporophytes. National Sigma Xi Conference. Minneapolis, MN. Poster.

Johnson-Groh, C.L., L. Schoessler*, C. Riedel and K. Skogen*. Underground distribution and abundance of *Botrychium* gametophytes and juvenile sporophytes. International Botanical Congress. St. Louis, MO. Poster.