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EDUCATION

- 2006 Ph.D. in Ecology, Duke University (Durham, NC)
1999 B.S. in Biology, University of South Florida (Tampa, FL)
1997 A.A. in Liberal Arts, Hillsborough Community College (Tampa, FL)

PROFESSIONAL POSITIONS

- 2021 - Professor, Department of Biological Sciences, University of Illinois Chicago
2014 - 2021 Associate Professor, Department of Biological Sciences, University of Illinois Chicago
2014 - 2021 Research Associate Professor, Institute for Environmental Science and Policy, University of Illinois Chicago
2008 - 2014 Assistant Professor, Department of Biological Sciences, University of Illinois Chicago
2008 - 2014 Research Assistant Professor, Institute for Environmental Science and Policy, University of Illinois Chicago
2006 - 2008 Postdoctoral Research Fellow, National Parks Ecological Research Program, University of Maryland Center for Environmental Science Appalachian Lab
2002 - 2006 Research and Teaching Assistant, Nicholas School of the Environment, Duke University
2004 - 2005 Preparing Future Faculty Fellow, Duke University
2000 - 2002 Graduate Fellow, Nicholas School of the Environment, Duke University

EXTERNAL FUNDING

- 2020 – 23 *The contribution of ComEd rights-of-way corridors to biodiversity and ecological health of the Chicago metropolitan region.* Commonwealth Edison Company \$225,000 (PI, co-PI Chris Whelan)
2019 – 23 *OPUS: MCS: The emergence of large-scale patterns of biodiversity from interactions between people, their yards, and urban wildlife.* NSF DEB \$141,385 (sole PI)
2014 – 15 *Evaluating Biological Control of Brassica Pests in Urban Land Repurposed for Farming.* Ceres Trust Graduate Student Organic Research Grants Program, \$9,980 (faculty advisor, grant awarded to David Lowenstein)
2011 – 14 *Effects of Urbanization on Pollination Services.* NSF DEB, \$150,000 + \$6,037 REU supplement (PI, co-PI Kevin Matteson)
2011 – 13 *Enhancing Stakeholder Participation in Environmental Planning with Visualization Tools that Support Complex Systems Learning and Spatial Thinking.* NSF CI- TEAM, \$249,953 (senior personnel, PI Moira Zellner)
2010 – 13 *Integrated Study of Natural Resources, Human Impact, and Environmental*

- Policy: Making Complex Systems Accessible for Secondary Learners*. NSF DRL, \$299,225 (Co-PI, PI Leilah Lyons)
- 2010 – 13 ULTRA-Ex: Connecting the social and ecological sciences with planners, managers, and the public: Building a broad foundation for the Chicago Region ULTRA. NSF, \$299,920 (senior personnel, PI David Wise)
- 2010 *Social Network Analysis of Environmental Groups in the Calumet Area*. Gaylord and Dorothy Donnelley Foundation, \$3200 (sole PI)
- 2009 – 10 *Green Infrastructure for Clean Water Act*. Illinois EPA, \$300,000 (Co-PI, PI Marty Jaffe)
- 2008 – 11 *To weed or not to weed? An economic decision support tool for National Capital Region Parks*. National Park Service, \$310,000 (Co-PI, PI Lisa Wainger)

INTERNAL FUNDING

- 2022 – 23 *Window Treatments to Curb Bird-Window Collisions and Fatalities at UIC*. UIC Sustainability Fee Program. \$114,777 (with Catherine O'Reilly)
- 2019 – 20 *Urban Mammals and Trash: Species Richness in Chicago Park District*. UIC Liberal Arts and Sciences Undergraduate Research Initiative (LASURI) \$3000 (PI, with Nikolas Ballut)
- 2016 – 17 *Cultivating Wellbeing: The Cultural and Ecological Significance of Urban Gardens in Chicago*. UIC Global Health and Well Being Seed Grant. \$15,000 (co-PI with Molly Doane, Joanna Michels, and Alaka Wali)
- 2016 – 17 *Public Art to Reduce Bird-Window Collisions*. UIC Liberal Arts and Sciences Undergraduate Research Initiative (LASURI) \$3500 (PI, with Alexis Smith and Rachel Lang)
- 2011 – 12 *A landscape analysis of urban butterfly diversity*. UIC Liberal Arts and Sciences Undergraduate Research Initiative (LASURI) \$1500 (PI)
- 2009 – 10 *Nutrient Farming: A market-based strategy that links air and water quality improvement with restoration of natural areas, recreation, and policy*. UIC Liberal Arts & Sciences Interdisciplinary Research Award, \$10,000 (Co-PI, PI Miquel Gonzalez-Meler)
- 2009 – 10 *The Chicago Social-Ecological Atlas Project*. UIC Women in Science and Engineering Research Award, \$1500 (PI)
- 2009 – 10 *Mapping Monk Parakeet Nests Throughout Chicago*. UIC Liberal Arts and Sciences Undergraduate Research Initiative (LASURI), \$1500 (PI)
- 2009 *Laying the Groundwork for a Successful ULTRA Planning Grant*. UIC Institute for Environmental Science and Policy Research Award 2009. \$17,000. (Co-PI, PI David Wise)

AWARDS & FELLOWSHIPS

- 2023 Honoring Our Professors' Excellence (HOPE) Award, given by UIC Campus Housing
- 2021 Florence Merriam Bailey Award, awarded by the Council of the American

Ornithological Society. Award given for the paper “Birds suppress pests in corn but release them in soybean crops within a mixed prairie/agricultural system”

- 2020 Liberal Arts and Sciences Mid-Career Award, awarded by UIC
- 2006 – 08 National Parks Ecological Research (NPER) Postdoctoral Fellowship
- 2005 Aleane Webb Dissertation Research Fellowship
- 2004 Animal Behavior Society Student Research Award
- 2003 NASA-MSU Student Travel Award
- 2000 – 02 W.D. Billings Fellowship in Ecology

PEER-REVIEWED JOURNAL PUBLICATIONS (* denotes undergraduate student, graduate student, or postdoctoral mentee)

- 2023 PP Johnson*, S Kobal, W Leonard, ES Minor. Plant richness increases with surrounding habitat and management burns over 30 years in suburban forest understories. *Urban Forestry and Urban Greening* 85: 127955
- MB Garfinkel*, S Hosler*, M Roberts*, J Vogt, C Whelan, ES Minor. Balancing the management of powerline right-of-way corridors for humans and nature. *Journal of Environmental Management* 330: 117175
<https://doi.org/10.1016/j.jenvman.2022.117175>
- M Garfinkel*, K Yakandawala, S Hosler*, M Roberts*, C Whelan, ES Minor. Testing the accuracy of a Rights-of-Way pollinator habitat scoring system. *Ecological Indicators* 148: 110062
<https://doi.org/10.1016/j.ecolind.2023.110062>
- ES Minor, B Lopez*, A Smith*, P Johnson*. Plant communities in Chicago residential neighborhoods show distinct spatial patterns. *Landscape and Urban Planning* 232: 104663 <https://doi.org/10.1016/j.landurbplan.2022.104663>
- 2022 MB Garfinkel*, S Hosler*, C Whelan, ES Minor. Powerline corridors can add ecological value to suburban landscapes when not maintained as lawn. *Sustainability* 14(12): 7113
- JS Santangelo and 287 other coauthors. Global urban environmental change drives adaptation in white clover. *Science* 375 (6586): 1275-1281
- TR Lookingbill, ES Minor, CS Mullis, GC Nunez-Mir, P Johnson*. Connectivity in the Urban Landscape (2015–2020): Who? Where? What? When? Why? and How? *Current Landscape Ecology Reports* 7:1-14
- M Garfinkel*, ES Minor, CJ Whelan. Using faecal metabarcoding to examine consumption of crop pests and beneficial arthropods in communities of generalist avian insectivores. *Ibis* 164: 27-43 <https://doi.org/10.1111/ibi.12994>
- M Garfinkel*, ME Fuka, ES Minor, CJ Whelan. When a pest is not a pest: Birds indirectly increase defoliation but have no effect on yield of soybean crops. *Ecological Applications* 32(4): e2527
- D Locke, O Alessandro, ES Minor, B Lin. Spatial contagion structures urban vegetation from parcel to landscape. *People and Nature*
<https://doi.org/10.1002/pan3.10254>

- 2021 NB Kucherov, ES Minor, PP Johnson*, DJ Taron, KC Matteson. Butterflies decline in protected areas of Illinois: Assessing the influence of two decades of climate and landscape change. *PLOS One* 16, e0257889.
- C Liu*, ES Minor, MB Garfinkel*, B Mu, G Tian. Anthropogenic and climatic factors differentially affect waterbody area and connectivity in an urbanizing landscape: A case study in Zhengzhou, China. *Land* 10, 1070
- M Midgley, E Anderson*, ES Minor. Vacant lot plant establishment techniques alter urban soil ecosystem services. *Urban Forestry & Urban Greening* 61, 127096
- L Lynch*, M Kangas, N Ballut*, A Doucet*, K Schoenecker, P Johnson*, M Gharehaghaji*, ES Minor. Changes in land use and land cover along an urban-rural gradient influence floral resource availability. *Current Landscape Ecology Reports* 6, pages 46–70
- E Anderson*, ES Minor. Assessing four methods for establishing native plants on urban vacant land. *Ambio* 50, 695-705.
- 2020 CD Gatenbee, ES Minor, C Chung, R Slebos, ARA Anderson. Histoecology: Applying ecological principles and approaches to describe and predict tumor ecosystem dynamics across space and time. *Cancer Control* 27, 1073274820946804
- B Lopez*, E Minor, A Crooks. Insights into human-wildlife interactions in cities from bird sightings recorded online. *Landscape and Urban Planning* 196. <https://doi.org/10.1016/j.landurbplan.2019.103742>
- M Garfinkel*, ES Minor, C Whelan. Birds suppress pests in corn but release them in soybean crops within a mixed prairie/agriculture system. *The Condor* 122. <https://doi.org/10.1093/condor/duaa009>
- E Wijesinghe, ES Minor, I Karunarathne, K Yakandawala. Relative attractiveness of ruderals and ornamental plants to flower-visiting insects in a tropical anthropogenic landscape. *Urban Forestry & Urban Greening* 51. <https://doi.org/10.1016/j.ufug.2020.126657>
- E Anderson*, ES Minor. Management effects on plant community and functional assemblages in Chicago's vacant lots. *Applied Vegetation Science* 23: 266-276.
- 2019 A Ossola, D Locke, B Lin, E Minor. Yards increase forest connectivity in urban landscapes. *Landscape Ecology* 34: 2935-2948
- A Smith*, ES Minor. Chicago's urban cemeteries as habitat for cavity-nesting birds. *Sustainability* 11: 3258
- M Gharehaghaji*, S Kobal, R Reklau, ES Minor. Management slows down invasion by non-native plants but does not prevent community change over 35 years in urban forests of the Midwestern USA. *Forest Ecology and Management* 448: 424-431
- A Ossola, D Locke, B Lin, ES Minor. Greening in style: Urban form, architecture and the structure of front and backyard vegetation. *Landscape and Urban Planning* 185, 141-157
- E Anderson*, ES Minor. Assessing social and biophysical drivers of

spontaneous plant diversity and structure in urban vacant lots. *Science of the Total Environment* 653: 1272-1281

DM Lowenstein*, KC Matteson, ES Minor. Evaluating the dependence of urban pollinators on ornamental, non-native, and 'weedy' floral resources. *Urban Ecosystems* 22: 293–302

2018 DM Lowenstein*, ES Minor. Herbivores and natural enemies of brassica crops in urban agriculture. *Urban Ecosystems* 21: 519-529

MA McCary*, ES Minor, DH Wise. Covariation between local and landscape factors influences the structure of ground-active arthropod communities in fragmented metropolitan woodlands. *Landscape Ecology* 33: 225-239

2017 M Gharehaghaji*, ES Minor, MV Ashley, ST Abraham, WD Koenig. Effects of landscape features on gene flow of valley oaks (*Quercus lobata*). *Plant Ecology* 218: 487-499

AY Davis*, EV Lonsdorf, CR Shierk, KC Matteson, JR Taylor, ST Lovell, ES Minor. Enhancing pollination supply in an urban ecosystem through landscape modifications. *Landscape and Urban Planning* 162: 157-166

A Silva*, ES Minor. Adolescents' experience, knowledge, and attitudes toward bees: implications and recommendations for conservation. *Anthrozoos* 30:19-32.

E Anderson*, ES Minor. Vacant lots: an underexplored resource for ecological and social benefits in cities. *Urban Forestry & Urban Greening* 21: 146-152.

DM Hall and 22 other authors (ES Minor listed as 17th author). The city as a refuge for insect pollinators. *Conservation Biology* 31:24-29.

2016 M de la Peña-Domene*, ES Minor, HF Howe. Restored connectivity facilitates recruitment by an endemic large-seeded tree in a fragmented tropical landscape. *Ecology* 97: 2511-2517

W Kang, ES Minor, D Woo, D Lee, C Park. Forest mammal roadkills as related to habitat connectivity in protected areas. *Biodiversity and Conservation* 25:2673-2686

DM Lowenstein*, ES Minor. Diversity in flowering plants and their characteristics: integrating humans as a driver of urban floral resources. *Urban Ecosystems* 19: 1735-1748

W Kang, ES Minor, D Lee, CR Park. Predicting impacts of climate change on habitat connectivity of *Kalopanax septemlobus* in South Korea. *Acta Oecologica* 71:31-38

M Zellner, D Massey, ES Minor, M Gonzalez-Meler. Exploring the Effects of Green Infrastructure Placement on Neighborhood-Level Flooding via Spatially Explicit Simulations. *Computers, Environment and Urban Systems* 59: 116-128.

BJ Kreakie, KC Hychka, JA Belaire, ES Minor, HA Walker. Internet-Based Approaches to Building Stakeholder Networks for Conservation and Natural Resource Management. *Environmental Management* 57:345-354

AY Davis*, J Jung, BC Pijanowski, ES Minor. Combined vegetation volume and 'greenness' affect urban air temperature. *Applied Geography* 71:106-114

- JA Belaire*, L Westphal, ES Minor. Different social drivers, including perceptions of urban wildlife, explain the ecological resources in residential landscapes. *Landscape Ecology* 31:401-413
- 2015 DM Lowenstein*, ES Minor. Effect of number of *Bombus impatiens* (Hymenoptera:Apidae) visits on eggplant yield. *Journal of Economic Entomology* 108:1456-1459
- DM Lowenstein*, KC Matteson*, ES Minor. Diversity of wild bees supports pollination services in an urbanized landscape. *Oecologia* 179 (3): 811-821.
- MC Lloyd*, KA Rejniak, JS Brown, RA Gatenby, ES Minor, MM Bui. Pathology to enhance precision medicine in oncology: Lessons from landscape ecology. *Advances in Anatomic Pathology* 22: 267-272
- W Kang, ES Minor, CR Park, D Lee. Effects of habitat structure, human disturbance, and habitat connectivity on urban forest bird communities. *Urban Ecosystems* 18:857-870
- A Mallavarapu, L Lyons, T Shelley, M Zellner, E Minor, B Slattery. Developing Computational Methods to Measure and Track Learners' Spatial Reasoning in an Open-Ended Simulation. *Journal of Educational Data Mining* 7:49-82
- JA Belaire*, CJ Whelan, L Westphal, ES Minor. Urban residents' perceptions of birds in the neighborhood: biodiversity, cultural ecosystem services, and disservices. *The Condor: Ornithological Applications* 117(2):192-202
- 2014 JA Belaire*, CJ Whelan, ES Minor. Having our yards and sharing them too: the collective effects of yards on native bird species in an urban landscape. *Ecological Applications* 24: 2132-2143.
- DM Lowenstein*, KC Matteson*, Y Xiao, AM Silva*, ES Minor. Humans, bees, and pollination services in the city: the case of Chicago, IL (USA). *Biodiversity and Conservation* 23: 2857-2874.
- TR Lookingbill, ES Minor, JR Ferrari, N Bukach, LA Wainger. Incorporating risk of reinvasion to prioritize invasive plant species management. *Natural Areas Journal* 34: 268-281.
- AY Davis*, N Malas*, ES Minor. Substitutable habitats? The biophysical and anthropogenic drivers of an exotic bird's distribution. *Biological Invasions* 16: 415- 427.
- JA Belaire*, BR Kreakie, T Keitt, ES Minor. Predicting and mapping potential whooping crane stopover habitat to guide site selection for wind energy projects. *Conservation Biology* 28: 541-550
- 2013 MA Gonzalez-Meler, L Cotner, D Massey, M Zellner, ES Minor. The Environmental and Ecological Benefits of Green Infrastructure for Stormwater Runoff in Urban Areas. *JSM Environmental Science and Ecology* 1(2): 1007
- KC Matteson*, JB Grace, ES Minor. Direct and indirect effects of land use on floral resources and flower-visiting insects across an urban landscape. *Oikos* 122: 682-694
- 2012 ES Minor, C Appelt, S Grabiner*, L Ward, A Moreno, and S Pruett-Jones. Distribution of exotic monk parakeets across an urban landscape. *Urban*

Ecosystems 15: 979-991

AY Davis*, JA Belaire*, MA Farfan*, D Milz*, ER Sweeney*, SR Loss, ES Minor. Green infrastructure and bird diversity across an urban socioeconomic gradient. *Ecosphere* 3(11): 1-18

S Pruett-Jones, C Appelt, A Sarfaty, B Van Vossen, M Leibold, ES Minor. Urban parakeets in northern Illinois: a 40-year perspective. *Urban Ecosystems* 15: 709-719

KC Matteson*, D Taron, ES Minor. 2012. Assessing citizen contributions to butterfly monitoring in two large cities. *Conservation Biology* 26 (3): 557-564

2011 JA Belaire*, AK Dribin*, DP Johnston*, DJ Lynch*, and ES Minor. Mapping stewardship networks in urban ecosystems. *Conservation Letters* 4: 464-473

ES Minor, RH Gardner. Landscape connectivity and seed dispersal characteristics inform the best management strategy for exotic plants. *Ecological Applications* 21(3): 739-749

2010 ES Minor, T Lookingbill. A multi-scale network analysis of protected area connectivity for mammals in the United States. *Conservation Biology* 24: 1549–1558.

CR Ford, ES Minor, GA Fox. Long-term effects of fire and fire-return interval on population structure and growth of longleaf pine (*Pinus palustris* Mill.). *Canadian Journal of Forest Research* 40: 1410-1420.

ES Minor, DL Urban. Forest bird communities across a gradient of urban development. *Urban Ecosystems* 13:51-71

2009 ES Minor, S Tessel, K Engelhardt, T Lookingbill. The role of landscape connectivity in assembling exotic plant communities: a network analysis. *Ecology* 90(7): 1802-1809.

DL Urban, ES Minor, EA Treml, RS Schick. Graph models of habitat mosaics. *Ecology Letters* 12 (3): 260-273.

2008 ES Minor, RI McDonald, EA Treml, DL Urban. Uncertainty in spatially explicit population models. *Biological Conservation* 141: 956-970

ES Minor, DL Urban. A graph theory framework for evaluating landscape connectivity and conservation planning. *Conservation Biology* 22 (2): 297-307.

2007 ES Minor, DL Urban. Graph theory as a proxy for spatially explicit population models in conservation planning. *Ecological Applications* 17 (6): 1771-1782

BOOKS

2021 R Francis, ES Minor, G Perry, J Millington (Editors). *Routledge Handbook of Landscape Ecology*. Taylor & Francis. 502 Pages

BOOK CHAPTERS

2021 AD Smith*, M Roberts*, H Lerand, M Doane, ES Minor. Honey bees, wild bees, and beekeepers in Chicago's community gardens. In JA Diehl, H Kaur (Eds.) *New Forms of Urban Agriculture: An Urban Ecology Perspective*. Springer Nature Singapore.

- 2019 T Lookingbill, ES Minor, L Wainger. The ecosystem service impacts from invasive plants in Antietam National Battlefield, USA. In T Lookingbill and P Smallwood (Eds.) *Collateral Values: The Natural Capital Created by Landscapes of War*. Springer International Publishing
- 2018 ES Minor, E Anderson*, JA Belaire*, M Garfinkel*, A Smith*. Urban green infrastructures and ecological networks for urban biodiversity conservation. In A Ossola and J Niemelä (Eds.) *Urban biodiversity: from research to practice*. Routledge, New York, NY
- 2017 TR Lookingbill and ES Minor. Landscape connectivity and network analysis. In S.E. Gergel and M.G. Turner (Eds.), *Learning Landscape Ecology: A Practical Guide to Concepts and Techniques (2nd Edition)*. Springer, New York, NY.
- 2016 ES Minor, JA Belaire*, A Davis*, M Franco*, M Lin. Socioeconomics and neighbor mimicry drive yard and neighborhood vegetation patterns. In R.A. Francis, J.D.A. Millington, M.A. Chadwick (Eds.) *Urban Landscape Ecology: Science, Policy and Practice*. Routledge, New York, NY
- 2014 M de la Peña-Domene* and ES Minor. Landscape connectivity and ecological effects. In Yeqiao Wang (Ed.), *Encyclopedia of Natural Resources*. Taylor & Francis Group, New York, NY. Published online: 21 Oct 2014; 317-323.
<http://dx.doi.org/10.1081/E-ENRL-120047451>
- 2006 D Urban, R McDonald, ES Minor, and E Trembl. Causes and consequences of land use change in the North Carolina Piedmont: the scope of uncertainty. In J. Wu, K. B. Jones, H. Li, and O. Loucks (Eds.), *Scaling and Uncertainty Analysis in Ecology: methods and applications*. Springer, Dordrecht, The Netherlands.

PEER-REVIEWED CONFERENCES

- 2013 C Dasgupta, B Slattery, T Shelley, L Lyons, ES Minor, M Zellner. Building an understanding of how to support learners as they problem-solve within a spatial urban planning simulation. 5th International Conference to review research on Science, Technology and Mathematics Education (epiSTEME), Mumbai, India.
- 2012 B Slattery, C Dasgupta, T Shelley, L Lyons, E Minor, M Zellner. Understanding How Learners Grapple with Wicked Problems in Environmental Science. 10th International Conference of the Learning Sciences, Sydney Australia.
- 2012 L Lyons, E Minor, M Zellner, B Slattery, T Shelley. Parsing Patterns: Developing Metrics to Characterize Spatial Problem Solving Strategies within an Environmental Science Simulation. In special session *Emergent Methods for Studying Spatial and Embodied Dimensions of Learning*, American Educational Research Association 2012 Annual Meeting. Vancouver, BC, Canada.
- 2011 T Shelley, L Lyons, E Minor, M Zellner. Evaluating the embodiment benefits of a paper-based TUI for educational simulations, *Published in Proceedings of the 2011 Annual Conference, Extended Abstracts of the 29th International Conference on Human Factors in Computing Systems (Chi Ea '11)*. ACM, New York, NY, USA, 1375-1380. <http://doi.acm.org/10.1145/1979742.1979777>
- 2010 T Shelley, L Lyons, J Shi, E Minor, M Zellner. Paper to parameters: designing tangible simulation input, *Published in Proceedings of the 12th ACM International Conference adjunct papers on Ubiquitous computing. (Ubicomp)*;

ARTICLES FOR POPULAR PRESS

- 2016 Abuzz in the Big City. E Minor, D Lowenstein, K Matteson. GrowerTalks Magazine (cover story), August 2016

REPORTS

- 2010 Using green infrastructure to manage urban stormwater quality: a review of selected practices and state programs. *Report submitted to the IL-EPA* by M Jaffe, M Zellner, E Minor, M Gonzalez-Meler, L Cotner, D Massey, H Ahmed, M Elberts, H Sprague, S Wise and B Miller.

BOOK REVIEWS

- 2013 JA Belaire and ES Minor. Invited review of *Urban Bird Ecology and Conservation* (eds. CA Lepczyk and PS Warren). *Journal of Field Ornithology* 84:217-219.

INVITED SEMINARS & PRESENTATIONS

- 2020 Indiana University, Ecology, Evolution and Behavior program (Bloomington, IN). Given by Zoom due to COVID-19
Georgetown University, Department of Biology (Washington, D.C.).
- 2019 Michigan State University, Integrative Biology Department (East Lansing, Michigan)
- 2018 Global Urban Biological Invasion Consortium, University of Toronto Scarborough (Toronto, Canada)
University of Wisconsin Madison, Entomology Department (Madison, Wisconsin)
Henan Agricultural University, Landscape Architecture Department (Zhengzhou, China)
Lake Forest, Beta Beta Beta Biological Honor Society seminar series (Lake Forest, Illinois)
- 2017 Morton Arboretum, Center for Tree Science seminar series (Lisle, Illinois)
- 2016 National Socio-Environmental Synthesis Center (SESYNC) seminar series (Annapolis, Maryland)
UNC Chapel Hill, Curriculum for the Environment and Ecology seminar series (Chapel Hill, North Carolina)
- 2015 Protecting Pollinators in Ornamental Landscapes Conference (Hendersonville, North Carolina)
Purdue University Calumet, Life Sciences Seminar series (Hammond, Indiana)
Illinois Natural History Survey seminar series, Prairie Research Institute (Champaign, Illinois)

- 2014 Stockholm University, Stockholm Resilience Centre (Stockholm, Sweden)
Miami University, Department of Geography (Oxford, Ohio)
Lake Forest College, Beta Beta Beta Biological Honor Society seminar series (Lake Forest, Illinois)
University of Chicago, Program on the Global Environment, “Between the Buildings: Butterflies, Bees, and Urban Pollinator Conservation” event at Field Museum (Chicago, Illinois)
University of Illinois at Chicago, UIC Global Learning Community Green Matters Lecture (Chicago, Illinois)
- 2013 Benedictine University, Associated Colleges of the Chicago Area seminar series (Lisle, Illinois)
- 2012 Seoul National University, Graduate School of Environmental Studies; Korea Forest Research Institute (Seoul, South Korea)
Washington University, Tyson Research Center. Special Tyson Environmental Research Fellowship Dissemination Seminar (Eureka, Missouri)
- 2011 University of Maryland, Baltimore County. Center for Urban Environmental Research and Education (CUERE) seminar series (Baltimore, Maryland).
University of Missouri, Division of Biological Sciences, Evolutionary Biology and Ecology seminar series (Columbia, Missouri).
- 2010 University of Wisconsin-Madison, Biology Colloquia and Seminars (Madison, Wisconsin)
University of North Carolina, Curriculum for the Environment and Ecology (Chapel Hill, North Carolina)
Iowa State University, Department Of Ecology, Evolution, and Organismal Biology (Ames, Iowa)
University of Illinois at Urbana-Champaign, Program in Ecology, Evolution, and Conservation Biology (Urbana, Illinois)
- 2009 Northwestern University, Plant Biology & Conservation Program (Evanston, Illinois)
University of Chicago, Animal Behavior Research Group (Chicago, Illinois)
- 2008 University of Michigan, 4th Annual Early Career Scientist Symposium, *Networks in Ecology & Evolution*, Ann Arbor, Michigan (invited speaker)
- 2007 National Parks Service, The Center for Urban Ecology (Washington, D.C.)

CONTRIBUTED ORAL PRESENTATIONS

- 2023 S Garcia, E Minor. Neighbor Mimicry and Plant Nurseries as Drivers of Spatial Patterns in Urban Residential Landscapes. International Association of Landscape Ecology - North America. Riverside, California
- 2021 E Minor, S Railsback, N Magliocca. The emergence of large-scale patterns of biodiversity from interactions between people and their yards. International Association of Landscape Ecology - North America. Reno, Nevada USA (meeting held remotely)

- 2020 ES Minor, B Lopez, A Smith. Spatial patterns and biodiversity in yard design. *Invited participant in organized symposium "Social-Ecological Dynamics in Urban Ecosystems: Multi-Scalar Interactions and Implications for Biodiversity"*. International Association of Landscape Ecology – North America annual meeting, Toronto, Ontario, Canada (meeting held remotely)
- 2019 ES Minor, B Lin, D Locke, A Ossola. The contribution of residential yards to urban canopy cover and landscape connectivity. *Invited participant in organized symposium "Residential landscape ecology: Patterns of biodiversity, ecological processes, and their interactions."* U.S. Chapter of the International Association of Landscape Ecology annual meeting, Fort Collins, CO.
- D Locke, A Ossola, B Lin, E Minor. Unveiling green hidden treasures: backyards host most of urban trees. American Association of Geographers annual meeting, Washington DC
- 2018 B Lopez, A Smith, ES Minor. Effects of socioeconomics and neighbor mimicry on vegetation and biodiversity in residential neighborhoods. Ecological Society of America annual meeting, New Orleans, LA
- E Anderson, ES Minor. Assessing social and biophysical drivers of spontaneous urban plant diversity and structure in Chicago's vacant lots. Ecological Society of America annual meeting, New Orleans, LA
- ES Minor, M. Roberts, A. Smith. Honeybees, wild bees and other pollinators in urban community gardens. *Part of organized symposium*. North American Congress for Conservation Biology, Toronto, ON (Canada)
- B Lopez, ES Minor. Insights into urban biodiversity appreciation from bird sightings recorded online. North American Congress for Conservation Biology, Toronto, ON (Canada)
- A Smith, ES Minor. Cavity-nesting birds in Chicago's cemeteries. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Chicago, IL
- B Lopez, ES Minor. Check out that bird! Observations of birds in Chicago from social media and crowd-sourced data. *Part of organized symposium*. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Chicago, IL
- E. Anderson, ES Minor. Biodiversity in Chicago's vacant lots. *Part of organized symposium*. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Chicago, IL
- M Gharehaghaji, ES Minor, S Kobal, W Lampa. 35 Years of Community Change in Temperate Forest in Illinois. Chapter of the International Association of Landscape Ecology annual meeting, Chicago, IL
- 2017 ES Minor, E Anderson, JA Belaire, M Garfinkel, A Smith. Contributions of the 'intermediate scale' of urban green infrastructure to landscape connectivity and biodiversity. *Part of organized symposium*. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Baltimore, MD
- E Anderson, ES Minor. Bee diversity in Chicago's vacant lots. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Baltimore,

MD

M Gharehaghaji, ES Minor. Plant community composition change and dynamics in 25 years, Dupage County, Illinois. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Baltimore, MD

2016

J Ripplinger, ES Minor, AT Morzillo. The role of residential areas in socio-ecological dynamics of urban ecosystems: a conceptual framework. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Asheville, NC

ES Minor and DM Lowenstein. Diversity and functional characteristics of flowering plants in an urban residential landscape. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Asheville, NC

EC Anderson and ES Minor. Evaluating historic, local, social, and landscape drivers of species diversity in vacant lots in Chicago IL, USA. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Asheville, NC

EC Anderson and ES Minor. Evaluating historic, local, social, and landscape drivers of species diversity in vacant lots in Chicago IL, USA. Midwest Ecology & Evolution Conference, Miami University, Oxford, OH

EC Anderson and ES Minor. Evaluating low-input techniques for increasing plant diversity in highly degraded sites. 8th Midwest-Great Lakes SER Chapter Meeting, Indiana University, Bloomington, IN

2015

D Lowenstein, ES Minor. Distribution of flowering resources across urban neighborhoods and implications for pollinators. Ecological Society of American annual meeting, Baltimore, MD

ES Minor, D Lowenstein, K Matteson. Humans, gardens, and bees in the city. International Urban Wildlife Conference

JA Belaire, L Westphal, ES Minor. Different social drivers, including perceptions of urban wildlife, explain the ecological resources in front vs. back yards. Ecological Society of American annual meeting, Baltimore, MD

2014

ES Minor, M Franco, AY Davis, M Lin. Composition, structure, and spatial patterning of urban residential yards. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Anchorage, AK.

A Davis, J Jung, BC Pijanowski, ES Minor. Characterizing the relationship between vegetation volume, building volume, and urban heat islands. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Anchorage, AK.

ES Minor, M Franco, AY Davis, M Lin. Composition, structure, and spatial patterning of urban residential yards. International Association for Landscape Ecology – UK Region annual meeting, London, England.

D Lowenstein, ES Minor. Evaluating parasitoids and biocontrol of brassica pests in urban food production sites. Entomological Society of America annual meeting, Portland, OR.

2013

SM Mayor, ME Andrew, SC Elmendorf, RP Guralnick, ES Minor, DC Schneider, V Tersigni, KM Thibault, AS Thorpe, JC Withey. Mismatches in

phenology of birds and their food due to climate change: big data, analytical challenges, and scale sensitivity. American Geophysical Union annual meeting, San Francisco, CA.

D Lowenstein, ES Minor. Pollination in urban yards: who's there and what socio-ecological variables affect visits to a mobile garden? Entomological Society of America annual meeting, Austin TX.

JA Belaire, ES Minor. Patches of wildlife friendly gardens in the urban matrix and their importance for birds. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Austin, TX.

A Davis, N Malas, ES Minor. Substitutable habitats - the biophysical and anthropogenic drivers of an exotic bird's distribution. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Austin, TX.

D Lowenstein, K Matteson, ES Minor. Socio-ecological effects on pollinator visits to a mobile garden in Chicago, IL. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Austin, TX.

W Kang, ES Minor, C Park, D Lee. Modeling impacts of climate change on distribution and gene flow of threatened tree *Kalopanax Septemlobus* in South Korea. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Austin, TX.

JA Belaire, ES Minor. People, yards, and birds (as part of the Breakout Session "Updates from the field and lab: Some recent projects conducted as part of the Chicago Wilderness Science Team's Research Program"). Chicago Wilderness Wild Things Conference, Chicago, IL

2012

AY Davis, E Lonsdorf, C Shierk, ES Minor. Modeling enhanced pollination services for urban farms and community gardens. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Newport, RI.

JA Belaire, ES Minor. Thinking outside the park: bird spillover into the urban matrix. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Newport, RI.

C Shierk, ES Minor, S Kobal, WA Lampa. The effects of population growth and land management strategies on an urban forest. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Newport, RI.

D Milz et al. Urban green infrastructure and the availability of ecosystem services across Chicago, IL USA. Association of American Geographers annual meeting, New York, NY

2011

ES Minor et al. Chicago ULTRA-ex: Connecting the social and ecological sciences with planners, managers, and the public. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Portland, OR

T Lookingbill, ES Minor, J Ferrari, L Wainger. Using risk of reinvasion to prioritize invasive plant species management. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Portland, OR

JA Belaire, B Kreakie, E Minor, T Keitt. A bird's eye view: Analyzing multi-scale landscape characteristics of stopover sites for migrating whooping cranes. U.S. Chapter of the International Association of Landscape Ecology annual

meeting, Portland, OR

K Matteson, E Minor. Shifting direct and indirect effects of land use, vegetation, and floral resources on pollinators across an urbanized landscape. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Portland, OR

A Dribin, JA Belaire, D Johnston, D Lynch, E Minor. It's a small world: a network analysis of the culture of conservation in Calumet. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Portland, OR

2010 M Zellner, JA Belaire, L Cotner, M Gonzalez-Meler, D Johnson, D Massey, E Minor. How effective is green infrastructure for stormwater management? ACSP Annual Conference, Minneapolis, MN.

L Cotner, E Minor, M Zellner, M Gonzalez-Meler, M Jaffe, JA Belaire, D Johnston. The effectiveness of green infrastructure at improving water quality: A literature review. Ecological Society of American annual meeting, Pittsburgh, PA

E Minor, A Jakupovic, H Ochoa, S Pruet-Jones, C Appelt. Spread and distribution of the monk parakeet across the Chicago metropolitan area. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Athens, GA

2009 E Minor and T Lookingbill. Connectivity of protected area networks in the United States. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Snowbird, UT

2008 E Minor and T Lookingbill. Connectivity of protected area networks. Ecological Society of America annual meeting, Milwaukee, WI.

E Minor and R Gardner. Using network theory to manage exotic plant invasions. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Madison, WI.

2007 ES Minor, T Lookingbill, K Engelhardt, S Tessel. Using graph theory to identify patterns of exotic plant invasions in fragmented landscapes. Ecological Society of America annual meeting, San Jose, CA

ES Minor and DL Urban. Direct and indirect effects of roads on forest birds. U.S. Chapter International Association of Landscape Ecology annual meeting, Tucson, AZ

2006 ES Minor, E Treml, and D Urban. Graph models of habitat networks: implications for ecology and conservation. U.S. Chapter International Association of Landscape Ecology annual meeting, San Diego, CA

2005 ES Minor and DL Urban. Inferring dispersal behaviors from species patterns in fragmented landscapes. U.S. Chapter International Association of Landscape Ecology annual meeting, Syracuse, NY

2004 ES Minor and DL Urban. The effects of traffic noise on forest songbird communities. U.S. Chapter International Association of Landscape Ecology annual meeting, Las Vegas, NV

2003 ES Minor, R McDonald, E Treml, and DL Urban. Uncertainty and error propagation in forecasting wood thrush abundance patterns. U.S. Chapter

- International Association of Landscape Ecology annual meeting, Banff, Alberta
2002 ES Minor and DL Urban. Using graph theory for avian conservation planning.
U.S. Chapter International Association of Landscape Ecology annual meeting,
Lincoln, NE

POSTER PRESENTATIONS

- 2022 P Johnson, W Leonard, S Kobal, E Minor. Do landscape structure and composition affect deer herbivory in suburban forests? International Association of Landscape Ecology - North America. (meeting held remotely)
M Roberts, E Minor. Impacts of Mowing and Two Causes of Isolation on Urban Ground Beetles. International Association of Landscape Ecology - North America. (meeting held remotely)
- 2021 A Doucet, ES Minor, L Lynch, P Johnson, M Kangas, N Ballut, M Ghareghajhi. Changes in Land Use and Land Cover Along an Urban-Rural Gradient Influence Floral Resource. International Association of Landscape Ecology - North America. Reno, Nevada, USA (meeting held remotely)
P Johnson, E Minor, W Leonard, S Kobal. The Role of Landscape Context for Long-term Management Outcomes in Suburban Forest Understories. International Association of Landscape Ecology - North America. Reno, Nevada USA (meeting held remotely)
- 2018 M Roberts, A Smith, E Minor. Bee abundance and flower use in Chicago community gardens. International Association of Landscape Ecology annual meeting, Chicago, IL.
- 2017 E Minor, M Roberts, A Smith. Honey bees and wild pollinators in urban community gardens. Protecting Pollinators in Urban Landscapes Conference, Traverse City, MI
M Ghareghajhi, ES Minor, S Kobal, W Lampa. Effect of local environment, management and landscape factors on the urban forest community in DuPage County Forest Preserves. Wild Things Conference, Chicago IL
- 2016 D Herrera, EC Anderson, ES Minor. A survey of tree species composition: Chicago's vacant lots. Midwest Ecology & Evolution Conference, Miami University, Oxford, OH.
S Colin, EC Anderson, ES Minor. Native seed species preference among native avian foragers in Chicago Illinois. 8th Midwest-Great Lakes SER Chapter Meeting, Indiana University, Bloomington, IN
- 2015 M Ghareghajhi, M Ashley, W Koenig, ES Minor. Inferring resistance to gene flow among Valley oak (*Quercus lobata*) populations in California: Is the Central Valley a barrier? International Association for Landscape Ecology World Congress, Portland OR
D Lowenstein, ES Minor. Natural enemy biodiversity in urban gardens. Entomological Society of America annual meeting, Minneapolis, MN
- 2014 M de le Peña-Domene, ES Minor, HF Howe. Conservation of local biodiversity though increased connectivity in agricultural landscapes, the case of *Ocotea uxpanapana* an endemic vulnerable tree. U.S. Chapter of the International

- Association of Landscape Ecology annual meeting, Anchorage, AK.
- 2013 JA Belaire and ES Minor. Groups of gardens: how do yard characteristics influence birds in an urban matrix? Ecological Society of American annual meeting, Minneapolis, MN
- 2012 AM Silva, KC Matteson, Y Xiao, ES Minor. Bee communities and pollinator potential in an urban environment. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Athens, GA
- 2011 JA Belaire, A Dribin, D Johnston, D Lynch, and E Minor. It's a small world: Mapping connections in urban ecosystems. NSF IGERT Poster Competition (finalist), Washington, DC
- 2010 C Shierk, E Minor, S Kobal, W Lampa. The use of a long-term data set to decipher woody species composition patterns in an urban forest network. U.S. Chapter of the International Association of Landscape Ecology annual meeting, Athens, GA
- JA Belaire, and E Minor. Hot or not? Explaining patterns in bird species richness of Chicago's open space. Ecological Society of American annual meeting, Pittsburgh, PA
- 2009 A Jakupovic, E Minor, C Appelt, S Pruet-Jones. 2009. The Chicago Parakeet Project. The Chicago Nature and Wildlife Research Summit, Chicago Botanic Garden, Glencoe IL.

WORKSHOPS AND OTHER PROFESSIONAL DEVELOPMENT

- 2022 CIM²AS (Cultural Immersion in Monarchs and Milkweeds Advancing Science Education) Instructor Workshop, UIC
- Agent-Based Modeling of Social-Ecological Systems. International Winter School, Arizona State University. Taught by Marco Janssen
- 2020 Identification and Ecology of Midwestern Bees, Billiken Bee Lab, Saint Louis University. Taught by Mike Arduser and Rob Jean.
- 2019 Agent-Based and Individual-Based Modeling, Freie Universität Berlin. Taught by Volker Grimm and Steven Railsback.
- 2018 The Op Ed Project workshop, University of Illinois at Chicago, Chicago, IL
- 2016 Computational Summer Institute, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD (July 2016)
- 2014 Social Media and Socio-Environmental Systems Workshop. National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD
- 2013 Scaling up: population and community ecology. Ecological Society of America Early Career Workshop, Linthicum Heights, MD
- 2012 SIFT & TERF National Dissemination Workshop. Shaw Nature Reserve and Tyson Research Center at Washington University, St. Louis, MO.
- 2010 NSF Joint Annual Meeting (JAM) Travel Award, Biological Sciences Invitee

COMMUNITY SERVICE & OUTREACH

Member, IL Coastal Migratory Stopover Conservation Advisory Team (2022 – present)

Panelist, “Community Science in Action” event, Peggy Notebaert Nature Museum, Chicago (2020)

Panelist, One Earth Film Festival, Screening of "Jane" (2018)

Invited speaker on “Citizen Science Projects” for West Cook Wild Ones, Oak Park Public Library (2017) <http://westcook.wildones.org/2017/06/28/citizen-science-projects/>

Invited speaker on “Fostering Urban Biodiversity” for Thirsty Thursday happy hour, Biomimicry Chicago (2017)

Science partner with elementary school teacher through Oak Park Education Foundation's Science Alliance (2013-2020)

Led workshop (in collaboration with Stephanie Walquist) for 3rd - 4th graders at Oak Park D97 “Young Scientists Conference” 2016

Advisory Board member for Chicago Sustainable Backyards Program (2013-2014)

Invited speaker and participant for Project Exploration’s Environmental Adventurers program, grades 7-12 (2012)

Invited speaker to the Fort Dearborn Chapter of the Illinois Audubon Society (2011)

Invited speaker to the Piedmont Bird Club (2006)

Mentor for 3 middle school students through the Women and Mathematics Mentoring Program (2005)

EDITORIAL AND REVIEWING RESPONSIBILITIES

Associate Editor, Current Landscape Ecology Reports (2021-2023)

Associate Editor, BioScience (2018-2023)

Associate Editor, Landscape Ecology (2012-2021)

Member of Scientific Review Committee, National Socio-Environmental Synthesis Center (SESYNC) (2015-2019)

Ad-hoc journal reviewer:

American Naturalist, Anthrozoös, Applied Geography, Behavioral Ecology and Sociobiology, Biodiversity and Conservation, Biological Conservation, Biological Invasions, Biology Letters, BioScience, Canadian Journal of Zoology, Condor, Conservation Biology, Conservation Letters, Diversity & Distributions, Ecography, Ecological Applications, Ecological Economics, Ecology and Society, Ecology Letters, Ecosphere, Frontiers in Ecology and the Environment, Geographical Analysis, Global Ecology and Conservation, International Journal of Geographical Information Science, Israel Journal of Ecology and Evolution, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Biogeography, Journal of Field Ornithology, Journal of Vegetation Science, Landscape and Urban Planning, Landscape Ecology, Marine Ecology Progress Series, Nature Ecology & Evolution, Oecologia, Oikos, Plant Ecology, PLOS ONE, Proceedings of the National Academy of Sciences, Science Advances, Urban Ecosystems, Urban Forestry & Urban Greening

NSF panel member:

Division of Environmental Biology, Partnership to Advance Conservation Science and Practice (2022); Division of Environmental Biology, Population and Community Ecology (2011, 2013); Division of Mathematical Sciences, Mathematical Biology (2012)

NSF ad-hoc proposal reviewer:

Division of Environmental Biology, Population and Community Ecology (2010, 2011, 2012, 2016, 2018, 2020, 2022); Dimensions of Biodiversity (2016); Division of Behavioral and Cognitive Sciences, Geography and Spatial Sciences (2010)

NSERC ad-hoc proposal reviewer:

Discovery Grants Program (2009)

OTHER SERVICE TO THE PROFESSION

External Examiner for PhD candidates: Luis Antonio Arias Medellín, University of Toronto, Canada (2022); Alexandre Martensen, University of Toronto, Canada (2017); Arvid Bergsten, Stockholm University, Sweden (2014)

External Evaluator for Faculty Application for Promotion: Northeastern University (2023); North Carolina State University (2022); Stockholm University (2014)

Member of Awards Committee, International Association of Landscape Ecology – North America (2019-present)

Judge for IALE-NA Student Presentation Awards Program (2008-present)

Co-Chair and co-organizer of symposia for International Association of Landscape Ecology – NA Annual Meeting: Special session on *Analyzing change and diversity in social and ecological landscapes with agent-based models* (2023), Special session on *Spread of Exotic Species in Fragmented Forests* (2008), Special session on *Exploring Spatial Patterns in Ecological Connectivity* (2006)

Local co-host & member of the planning committee for the annual meeting of the U.S. Chapter International Association of Landscape Ecology (Chicago 2018)

Elected member (Secretary) of Executive Committee for US Chapter of the International Association for Landscape Ecology (2011-2015)

SERVICE TO THE UNIVERSITY

Faculty Advisor for UIC student organization *PULL (Pick Up Lots of Litter)* (2023 – present)

Reviewer, COVID-19 Faculty Research Relief Program, UIC (2022)

Member of Graduate College Executive Committee, UIC (2019 – 2023) (two terms)

Alternate Director of Graduate Studies, Dept. of Biological Sciences, UIC (2015 – 2023)

Member of Graduate Policy Education Committee, Dept. of Biological Sciences, UIC (2015 – present)

Faculty Honors Fellow, UIC (2010 – present)

Member of Faculty Advisory Committee, Dept. of Biological Sciences, UIC (2018-2022)

Reviewer, Liberal Arts and Sciences Undergraduate Research Initiative, UIC (2021)

Member of Institute for Environmental Science and Policy Steering Committee, UIC (2008 – 2021)

Member of Grounds Subcommittee of the Chancellor's Committee on Sustainability and Energy, UIC (2013 – 2021)

Member of Greenhouse Committee, Dept. of Biological Sciences, UIC (2012 –2019)

Chair, Hadley Graduate Research Award Committee, Dept. of Biological Sciences, UIC (2011 – 2019)

Member of Search Committee for Program Coordinator of LIN, Neurobiology and E&E (winter 2019)

Member of Honors Council, UIC Honors College (2016 – 2019)

Reviewer, Chancellor's Graduate Research Fellowship Program, UIC (2010, 2012, 2015, 2016, 2018, 2019, 2021)

WISEST Facilitator for Dept. of Biological Sciences, UIC (2015 – 2016)

Member of Search Committee for Agricultural Gardener position, Dept. of Biological Sciences, UIC (2015)

Member of Faculty Search Committee, Dept. of Biological Sciences, UIC (winter 2014/15)

Member of Search Committee for Agricultural Gardener Foreman position, Dept. of Biological Sciences, UIC (2013)

Member of Search Committee for Ecology & Evolution Program Coordinator, Dept. of Biological Sciences, UIC (2012)

Member of STEM Education Research Grant Program, UIC (2010)

Member of LEAP Graduate Training Program Executive Committee, UIC (2008-2012)

Student representative, Duke University Graduate and Professional Student Council (2004)

Student representative, Duke University Advisory Committee to the Director of Graduate Studies (2003)

PROFESSIONAL AFFILIATIONS

US-International Association for Landscape Ecology (member since 2000)

Ecological Society of America (member since 2000)

TEACHING EXPERIENCE

Introduction to Landscape Ecology, BIOS 455, 3-credit elective undergraduate course (2022, 2023)

Human Ecological Systems, BIOS 365, 3-credit elective undergraduate course (2019-2023)

Landscape Ecology Theory and Methods, BIOS 594, 2-credit elective graduate course (2013, 2016, 2021)

Ecology and Evolution, BIOS 230, 3-credit required undergraduate course (2010 – 2012, 2014 – 2016, 2018)

Introduction to Urban Ecology and Nature in Chicago, HON 201, 1-credit elective course for honors students (2014)

Introduction to Ecology and Evolution, BIOS 531, 3-credit required graduate course (2013)

Interdisciplinary approaches to the study of integrated human and natural landscapes, BIOS 540, 3-credit required graduate course (2009, 2011)

Capstone Project in Landscape, Ecological and Anthropogenic Processes, BIOS 548, 3-credit required graduate course (2011)

Habitat modeling 3-hr lecture/lab *within* LEAP Methods Class, BIOS 546 (2009 -2011)

WORKSHOPS TAUGHT

Landscape Connectivity, introductory & advanced levels (two ½ day workshops). Henan Agricultural University, Landscape Architecture Department (Zhengzhou, China)

ADVISING AND MENTORING

Fulbright Visiting Scholar:

Dr. Kapila Yakandawala, Wayamba University of Sri Lanka. Visiting UIC July-October 2021

Postdoctoral Associates:

Megan Garfinkel (2020-2022); Bianca Lopez (SESYNC postdoc, 2017-2019); Amelie Davis (2011-2013); Kevin Matteson (2010-2011)

Primary Advisor for Graduate Students:

Nikolas Ballut, Doctoral dissertation (2023 – present); Soraida Garcia, Doctoral dissertation (2021-present); Sheryl Hosler, Doctoral dissertation (2019-present); Yuliana Rowe, Masters thesis (2018-2021); Philip Johnson, Doctoral dissertation (2017-present); Michael Roberts, Masters thesis (2016-2022); Maryam Gharehaghaji, Doctoral dissertation (2014-2021); Megan Garfinkel, (co-advisor with Chris Whelan), Doctoral dissertation (2015-2020); Alexis Smith, Doctoral dissertation (2014-2020); Elsa Anderson, Doctoral dissertation (2014-2019); David Lowenstein, Doctoral dissertation (2012-2016); Alexandra Silva, Masters thesis (2011-2015); Amy Belaire, Doctoral dissertation (2009-2014)

Visiting Graduate Students:

JKWN Subashini, Wayamba University of Sri Lanka, Sri Lanka (March 2022 – Feb 2023); Chang Liu, Henan Agricultural University, China (Jan 2020 – Dec 2021)

Committee Member for Graduate Students:

Jessica Montoya, PhD student in Biological Sciences (2023 – present); César Fuentes, PhD student in Biological Sciences (2023 – present); Kyle Reid, PhD student in Biological Sciences (2022); Otto Briner, MS student in Earth & Environmental Sciences (2022-present); Valentina Gomez, PhD student in Biological Sciences (2020-2021); Noah Lemke, MS student in Biological Sciences (2019-2021); Lauren Lynch, PhD student in Natural Resources & Environmental Sciences at UIUC (2018-2022); Timothé Van Meter, PhD student in Biological Sciences (2018-2021); Kristopher Bonfont, MS student in Plant Biology & Conservation at Northwestern University (2017-2019); Kristie Charmoy, PhD student in Biological Sciences (2017-present); John Belcik, PhD student in Biological Sciences (2017-present); Kristin Monica Farfan, PhD student in Biological Sciences (2016-2017); Charlie Corwin, PhD student in Urban Planning (2016-2019); Stephanie Chancellor, PhD student in Biological Sciences (2015-2021); Joy Peplinski, PhD student in Biological Sciences (2015-present); Margaret Malone, PhD student in Biological Sciences (2015-2021); Jason Davlantes, PhD student in Biological Sciences (2015-2021); João Capurucho, PhD student in Biological Sciences (2015-2020); Nolan Bielinski, PhD student in Biological Sciences (2015-2020); José-Cristian Martinez, PhD student in Biological Sciences (2013-2017); Mason Fidino, PhD student in Biological Sciences (2014-2017); Matthew McCary, PhD student in Biological Sciences (2013-2016); Mark Lloyd, PhD student in Biological Sciences (2013-2016); Katherine Walther, MS student in Earth and Environmental Sciences (2012-2013); Dan Milz, PhD student in Urban Planning & Policy (2012-2015); Victoria Hunt, PhD student in Biological Sciences (2012-2016); Douglas Lynch, PhD student in Biological Sciences (2012-2014); Marinés de la Peña-

Domene, PhD student in Biological Sciences (2011-2014); Brook Herman, PhD student in Biological Sciences (2011-2018); Eric Hancock, PhD student in Biological Sciences (2010-2015); Elena Blanc-Betes, PhD student in Biological Sciences (2010-2017); Kellen Marshall, PhD student in Biological Sciences (2010-present); Janet Backs, PhD student in Biological Sciences (2010-2014); Andrew Dribin, PhD student in Art History (2010-2016); Robin Mores, PhD student in Biological Sciences (2010-2016); Felice Gianluca Sperone, MA student in Environmental and Urban Geography (2010); Michelle Frack, PhD student in Biological Sciences (2009-2015); Carrie Seltzer, PhD student in Biological Sciences (2009-2013); Basil Iannone, PhD student in Biological Sciences (2009-2013); Amy Hank, PhD student in Biological Sciences (2009-2012)

Primary Advisor for PostBac Fellows:

Nikolas Ballut (2022 – 23)

Undergraduate Research Students:

Amber Domanus, BIOS 399 (fall 2022); Evelin Munoz, BIOS 391 (fall 2022); Shivani Patel, BIOS 391 (fall 2022); Catherine O'Reilly, BIOS 391 (fall 2021, fall 2022); Anais Mendez, BIOS 399 (spring 2022); Minal Patel, BIOS 391 (fall 2021), Honors Capstone student (fall 2021-spring 2022); Moizzuddin Rizwan, Honors Capstone student (summer 2021-fall 2021); Ashley Johnson, UIC4 student (summer 2021); Moriah Scott, UIC4 student (summer 2021); Husna Qazi, BIOS 391 (summer 2021); Hazem Alkhan, Honors Capstone student (spring 2021-spring 2022) & BioS 391 (fall 2021); Kaylin Morris, BIOS 391 (spring 2021) & CURA student (summer 2021); Justin Le, BIOS 391 (spring 2021), BIOS 399 (fall 2021-spring 2022); Kenzie Alonzo, BIOS 391 student (fall 2019-spring 2021) & UIC CURA Awardee (spring 2020); Jenny Kim, BIOS 391 student (fall 2020); Prachi Nagpal, BIOS 399 (spring 2020) & Honors Capstone student; Nikolas Ballut, BIOS 399 (spring 2020) & Honors Capstone student; Bianca Vega, BIOS 391 (spring 2020); Renee Ramos, BIOS 391 (spring 2020); Minal Patel, BIOS 391 (spring 2020); Ileana Gallo, BIOS 391 (spring 2020); Erin Freed, BIOS 391 (spring 2020); Michelle Vera, BIOS 391 (fall 2019); Nikolas Ballut, Honors Capstone student & LASURI student (summer 2019 – spring 2020); Mariam Amjad, BIOS 391 (spring 2019); Madison Romesburg, BIOS 391 (spring 2019); Jennifer Paddack, BIOS 391 (fall 2018); Elizabeth Herrera, L@s GANAS Research Fellowship Student (spring 2018 - spring 2019); Cynthia Roebuck, Honors Capstone student (summer 2017-spring 2018); Angelica Calderon, BIOS 391 (spring 2017) & BIOS 399 (fall 2017); Jasmine Chandy, BIOS 391 (spring 2017); Piotr Klimek, BIOS 391 (spring 2017); Rebecca Schnorenberg, BIOS 391 & Honors Capstone student (spring – fall 2017); Jessica Bonomo, BIOS 399 & Chancellor's Undergraduate Research Award student (fall 2016); Miguel Garcia, BIOS 399 & Honors Capstone student (fall 2016-spring 2017); Katherine Koo, BIOS 399 (summer-fall 2016); Stephanie Kadej, BIOS 391 (fall 2016); Elisabeth Tapoi, BIOS 391 (fall 2016); Veronica Bekee, BIOS 391 (fall 2016); Millicent Rodriguez, BIOS 391 (summer 2016); Denisse Herrera, BIOS 399 (fall 2015); Sara Colin, BIOS 399 (fall 2015-spring 2016); Dina Saadeh, BIOS 399 (summer-fall 2015); Hamed Sorunke, BIOS 391 (summer 2015); Ifeanyichukwu Ndukwu, BIOS 391 (summer 2015), BIOS 399 (fall 2015); Katherine Koo, BIOS 391 (summer-fall 2015), BIOS 399 (summer 2016), BIOS 391 (summer 2013); Xinxin Luo, NSF REU student (summer 2014); Allison Brackley, BIOS 399 (spring 2014); Magaly Franco, Honors capstone project (2013-2014); Arthur Guerra, BIOS 391 (fall 2013); Ashley Welenc, BIOS 391 (fall 2013); Jesus Callupe, BIOS 391 (fall 2013); Michael Santos, BIOS 391 (fall 2013); Dragan Dragas, NSF REU student (summer 2013); Sophie Huang, research assistant (summer 2013); Aidan Head, BIOS 391 (summer 2013); Ludmila Kolarikova, BIOS 391 (summer 2013); Corinne Martin, BIOS 391 (summer 2013); Craig Rathwell, BIOS 391 (summer 2013); Suzanne Salutric, BIOS

391 (summer 2013); Timir Shah, BIOS 391 (summer 2013); Sachit Soni, BIOS 391 (summer 2013); Tyffany Sebastian, Honors capstone project (2012-2013); Hannah Gin, BIOS 399 (fall 2012); Mike Bularz, BIOS 399 (fall 2012); Kezia Neetipudi, Chancellor's Undergraduate Research Award Project (2012-2013); Arash Darbandi, BIOS 391 (fall 2012); Thomas Kohs, BIOS 391 (fall 2012); Kruti Soni, BIOS 391 (fall 2012); Catherine Theruviparampil, LASURI project (2011-2012); Nur Malas, Honors capstone project (2011-2012); Charles Ishola, Honors activity (2011); Amela Jakupovic, LASURI project (2009-2010); Sean Grabiner, Chancellor's Undergraduate Research Award project (2010-2011); Madeleine Naylor, research assistant (summer 2010)

Research Technician:

Lisa Bucci Cotner (2010-2011)

High School Teacher:

Deborah Gartshore, Larkin High School, Elgin IL (Bradley University Teach and Lead Summer program, summer 2014); Elizabeth Williams, Chesapeake Teacher Research Fellowship Program (2007)

High School Student:

Research mentor for student at Oak Park River Forest High School, as part of the Investigational Research Design and Innovation Course (2017-2018)