

Nicole L. Kinlock

Department of Ecology & Evolution
Stony Brook University
650 Life Sciences, Stony Brook, NY 11794

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Education

Stony Brook University, Stony Brook, NY (2013 – present)
Department of Ecology & Evolution, Ph. D. student
Advisor: Dr. Jessica Gurevitch

Rochester Institute of Technology, Rochester, NY (2009 – 2013)
Bachelor of Science in Biology, *Summa cum laude*
Minors in Environmental Science and French Language

Publications

Kinlock, N.L., Schindler, B.Y., and Gurevitch, J. 2015. Biological Invasions in the Context of Green Roofs. *Israel Journal of Ecology and Evolution*. Apr: 1-12.

Research Experience

- 2013 *Research Scholars Project*. Rochester Institute of Technology
Advisor: Dr. A. Christy Tyler
Project: Does the history of small, urban and suburban wetlands influence the biodiversity of aquatic invertebrate communities?
- 2012 *GLISTEN Undergraduate Stewardship Liaison*. Rochester Institute of Technology
Supervisors: Dr. A. Christy Tyler and Dr. John Waud
Field work and research in a restored wetland, including native shrub planting, invasive species management, and conducting vegetation surveys. Organized community outreach to educate the public about wetland mitigation and invasive species control.
- 2011 *Research Experience for Undergraduates Program*. Clarkson University
Advisor: Dr. Michael Twiss
Project: Comparing plankton dynamics in nearshore and main channel areas of the St. Lawrence River in support of a two-dimensional ecosystem model of plankton community development

Projects and Presentations

- 2014 Kinlock, N. Vegetative morphology of the invasive vine *Mikania micrantha* Kunth (COMPOSITAE: Eupatorieae) and congeners in the native range. *Organization for Tropical Studies, Tropical Plant Systematics course book OTS2014-9*.
- 2013 Kinlock, N.L., Burke, M., and Tyler, A.C. Relating patterns of macroinvertebrate biodiversity in urban and suburban wetlands to land use history, water chemistry, and habitat heterogeneity. (Unpublished manuscript)
- 2011 Twiss, M.R., Loftus S.E., Kinlock N.L., Sprague, H.M., Marshall, N.F., Skufca, J.D. Factors influencing phytoplankton distribution and dynamics in nearshore and main channel regions of the Saint Lawrence River. (Unpublished manuscript)

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- 2013 Kinlock, N.L., Tyler, A.C. "Does the history of small, urban and suburban wetlands influence the biodiversity of aquatic invertebrate communities?" College of Science Seminar at RIT, Rochester, NY. (Oral presentation)
- 2012 Kinlock, N.L., Tyler, A.C. "Analyzing the effectiveness and efficiency of different methods for invasive *Typha* spp. removal in created wetlands." Summer Undergraduate Research Symposium at RIT, Rochester, NY. (Oral presentation)
- 2011 Kinlock, N., Loftus, S., Marshall, N., Skufca J., Twiss, M. "Comparison of plankton dynamics in nearshore and main channel areas of the St. Lawrence River." Summer Symposium on Undergraduate Research Experiences at Clarkson University, Potsdam, NY. (Oral presentation)

Honors and Awards

- 2015 Lawrence B. Slobodkin Award for Research in Ecology (\$750)
- 2014 Tinker Foundation Field Research Grant (\$1,997)
- 2014 Departmental Excellence Research Award (\$1,000)
- 2013 Graduate Council Fellowship, Stony Brook (\$50,000) Awarded annually to ten incoming doctoral students at Stony Brook University.
- 2013 John Wiley Jones Award for Outstanding Students in Science (\$250) Awarded annually to one student in RIT's School of Life Sciences.
- 2013 Research Scholars Program Award

Teaching and Mentorship

Graduate teaching assistant, Stony Brook University

- 2013 Fundamentals of Scientific Inquiry in the Biological Sciences I
- 2014 Applied Ecology and Conservation Biology Laboratory
- 2014 Fundamentals of Biology: Organisms to Ecosystems
- 2015 Plant Diversity
- 2015 Landscape Ecology Laboratory
- 2016 Biometry (*graduate level*)

Guest lecturer

- 2016 Introduction to R (*two day workshop*), Stony Brook University
- 2014 "Photosynthesis and plant responses to environmental challenges," Stony Brook University, Fundamentals of Biology: Organisms to Ecosystems

Mentor

- 2015 Undergraduate research: Competition between *Centaurea stoebe* and *Dactylis glomerata*. Maria Zambuto, Stony Brook University

Tutor

- 2011 French tutor in the Department of Modern Languages, Rochester Institute of Technology
- 2010 French and pre-calculus tutor at the Athletics Department, Syracuse University

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Professional Experience

Peer reviewer

Israel Journal of Ecology and Evolution
Ecology and Evolution

Additional Experience

2014 *Tropical Plant Systematics*

Organization for Tropical Studies, Costa Rica

Five-week graduate course in the phylogeny and identification of neotropical plants. Developed a phylogeny of the Solanoideae (Solanaceae) using both morphological and molecular data. Characterized the vegetative morphological traits of the genus *Mikania* (Compositae) at La Selva Biological Station.

2012 *Seneca Park Zoo Internship*

Assisting zookeepers at the Seneca Park Zoo in Rochester, NY with exhibit maintenance, diet preparation, and design of enrichment activities as well as completing formal coursework through RIT.

Skills

Computer experience:

Programming languages R, JAGS (via R), Git (GitHub /nlk124)
GIS software IDRISI

Language experience: Proficient in French