

# EVAN LANDRIEU PREISSER

*Department of Biological Sciences*  
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## CURRENT POSITION

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2006 – present     **University of Rhode Island, Department of Biological Sciences**  
***Professor (Assistant 2006-12, Associate 2012-16, Full 2016-present)***     Kingston RI  
***Department Chair (2016-19)***

Teaching responsibilities include:

- 'Introduction to Ecology' (BIO 262); taught >10 times
- 'Community Ecology' (BIO 480/580); taught nine times
- 'Insect Ecology' (BIO 444/544); taught four times
- 'Advanced Ecology' (EVS 550); taught four times
- 'Statistical Analysis in Ecology' (BIO 675); taught twice
- 'Traditions and Transformations' (URI 101); taught three times

## EDUCATION

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1999 – 2004     **University of California at Davis, Population Biology Graduate Group**  
***Doctorate in Population Biology***     Davis CA

- Advisor: Donald Strong; Committee: Thomas Schoener, Andrew Sih, David Spiller
- Master of Science in Population Biology awarded 6/01

1996 – 1998     **Yale School of Forestry and Environmental Studies**  
***Master of Forest Science***     New Haven CT

1989 – 1993     **Williams College**  
***B.A. Cum Laude in Biology and English***     Williamstown MA  
• Graduated with Honors in Biology

## PUBLICATION METRICS

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ORCID ID 0000-0002-8737-5619

(As of 1/25) Number of citations: 8,754

h-index: 41

i10-index: 85

Total peer-reviewed publications: 113

Total at URI: 100

Mean peer-reviewed papers/year post-tenure (2012): 5.3

## MOST RECENT REFEREED PUBLICATIONS [<2018 AT END OF RESUME]

†WITH UNDERGRADUATE STUDENTS; \*WITH GRADUATE STUDENTS

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Shi, X., Yue, H., **Preisser, E.L.**, Wei, Y., Zhang, Z., Xia, J.X., Du, J., Li1, K.L., Chen, J.B., Zhang, S.B., Zhang, Z.H., Zhou, X.G., Zhang, D.Y., and Y. Liu. The tomato chlorosis virus P9 protein attracts whitefly vectors via chlorophyll degradation and neophytadiene release. *Nature Communications* [in review](#).

113. Shi, X., Wang, P., Shi, C., Luo, R., Zhang, D., Zhang, Z., Gao, Y., Peng, J., **Preisser, E.L.**, and Y. Liu. 2025. Cathepsin alters viral acquisition, retention, and transmission of TYLCV and ToCV by *Bemisia tabaci* MED. *Journal of Economic Entomology* [in press](#).

112. †Pellegrini, B.A., Pintado, L.S., Souza, P.N., Bhavanam, S.P., Orians, C.M., Orrock, J.L., and **E.L. Preisser**. 2024. Herbivore kairomones affect germination speed, seedling growth, and herbivory. *Oecologia* 206: 215-223.

111. †Lee, Z.A., Baranowski, A.K., Cohen, C.B., Pelletier, T.S., and **E.L. Preisser**. 2024. Domestication reduces caterpillar response to auditory predator cues. *Environmental Entomology* 53(4): 587-593.

110. †Trask, J., MacCallum, P.E., Rideout, H., **Preisser, E.L.**, and J.J. Blundell. 2024. Rapamycin attenuates reconsolidation of a backwards-conditioned aversive stimuli in female mice. *Psychopharmacology* 241: 601-612.
109. Shi, X.B., Zhang, Z., Li, F., **Preisser, E.L.**, Huang, L.P., Zhang, D.Y., Zhang, Z.H., Zhang, S.B., Zhou, X.G., Zhang, A.S., Liu, H., Wu, Y.H., Cheng, X.F., He, Z.F., and Y. Liu. 2024. Vector-mediated viral exchange between crops and weedy plants. *Journal of Pest Science* 97: 155-171.
108. †Bhattacharya, S., MacCallum, P., Dayma, M., McGrath-Jones, A., Nolan, E., King, B., Jarvis, K., Dawson, L., Bambico, F., Berry, M., Yuan, Q., Martin, G.R., **Preisser, E.L.**, and J.J. Blundell. 2023. The long shadow of fear: a short pre-conception bout of predation risk affects both children and grandchildren. *Scientific Reports* 13(1):10886.
107. †Lee, Z.A., Cohen, C.B., Baranowski, A.K., Berry, K.N., McGuire, M.R., Pelletier, T.S., Peck, B.P., Blundell, J.J., and **E.L. Preisser**. 2023. Auditory predator cues decrease herbivore survival and plant damage. *Ecology* 104(4): e4007.
106. Li, X., Boyle, K.J., **Preisser, E.L.**, Holmes, T.P., and D.A. Orwig. 2022. Property value effects of the hemlock wooly adelgid infestation in New England, U.S.A. *Ecological Economics* 194: 107354.
105. Liu, B.M., **Preisser, E.L.**, Yang, Z., Jiao, X.G., and Y.J. Zhang. 2021. Sulfoxaflor alters *Bemisia tabaci* preference, feeding, and TYLCV transmission. *Journal of Economic Entomology* 114(4): 1568-1574.
104. †Lee, Z.A., Baranowski, A.K., and **E.L. Preisser**. 2021. Auditory predator cues affect monarch (*Danaus plexippus*; Lepidoptera: Nymphalidae) development time and pupal weight. *Acta Oecologica* 111: 103740.
103. †Rigsby, C.M., Body, M.J.A., May, A., Oppong, A., Kostka, A., Houseman, N., Savage, S.K., Whitney, E.R., Kinahan, I.G., DeBoef, B., Oriens, C.M., Schultz, J.C., Appel, H.M., and **E.L. Preisser**. 2021. Impact of chronic stylet-feeder infestation on folivore-induced signaling and defenses. *Tree Physiology* 41(3): 416-427.
102. Liu, B.M., **Preisser, E.L.**, Jiao, X.G., Xu, W.H., and Y.J. Zhang. 2021. Lethal and sublethal effects of flupyradifurone on *Bemisia tabaci* MED feeding behavior and TYLCV transmission in tomato. *Journal of Economic Entomology* 114(3): 1072-1080.
101. †Rigsby, C.M., Kinahan, I.G., May, A., Kostka, A., Houseman, N., Savage, S.K., Whitney, E.R., and **E.L. Preisser**. 2020. Impact of hemlock wooly adelgid (*Adelges tsugae*) infestation on the jasmonic acid-elicited defenses of eastern hemlock (*Tsuga canadensis*). *Environmental Entomology* 49(5): 1226-1231.
100. Liu, B.M., **Preisser, E.L.**, Jiao, X.G., and Y.J. Zhang. 2020. TYLCV infection alters *Bemisia tabaci* MED (Hemiptera: Aleyrodidae) vulnerability to flupyradifurone. *Journal of Economic Entomology* 113(4): 1922-1926.
99. †Kinahan, I.G., Rigsby, C.M., Savage, S.K., Houseman, N.L., Marsella, A.S., Oppong-Quaicoe, A., DeBoef, B.L., Oriens, C.M., and **E.L. Preisser**. 2020. Seasonal changes in eastern hemlock (*Tsuga canadensis*) foliar chemistry. *Canadian Journal of Forest Research* 50(6): 557-654.
98. Sheriff, M.J., Orrock, J.L., Ferrari, M.C.O., Karban, R., **Preisser, E.L.**, Sih, A., and J.S. Thaler. 2020. Proportional fitness loss and the timing of defensive investment: a cohesive framework across animals and plants. *Oecologia* 193: 273-283.
97. †Baranowski, A.K., Alm, S.R., and **E.L. Preisser**. 2020. *Datana drexelii* (Lepidoptera: Notododontidae) oviposition and larval survival on highbush blueberry cultivars. *Journal of Economic Entomology* 113(3): 568-571.
96. †Kinahan, I.G., Baranowski, A.K., Whitney, E.R., Savage, S.K., Rigsby, C.M., Shoemaker, E.E., Oriens, C.M., and **E.L. Preisser**. 2020. Facilitation between invasive herbivores: hemlock wooly adelgid increases gypsy moth preference for and performance on eastern hemlock. *Ecological Entomology* 45(3): 416-422.
95. †Kinahan, I. G., Grandstaff, G., Russell, A., Rigsby, C.M., Casagrande, R.A., and **E.L. Preisser**. 2020. A four-year, seven-state reforestation trial with eastern hemlocks (*Tsuga canadensis*) resistant to hemlock wooly adelgid (*Adelges tsugae*). *Forests* 11(3): 312.
94. Shi, X.B., **Preisser, E.L.**, Liu, B.M., Pan, H.P., Xiang, M., Xie, W., Wang, S.L., Wu, Q.J., Li, C., Lui, Y., Zhou, X.G., and Y.J. Zhang. 2019. Variation in both host defense and prior herbivory can alter plant-vector-virus interactions. *BMC Plant Biology* 19(1): 556.
93. †Baranowski, A.K., Conroy, C., Boettner, G., Elkinton, J.S., and **E.L. Preisser**. 2019. Reduced *Compsilura concinnata* parasitism of New England saturniid larvae. *Agricultural and Forest Entomology* 21(3): 346-349.

92. †Rigsby, C.M., Shoemaker, E.E., Mallinger, M.M., Orians, C.M., and **E.L. Preisser**. 2019. Conifer responses to a stylet-feeding invasive herbivore and induction with methyl jasmonate: impact on the expression of induced defences and a native folivore. *Agricultural and Forest Entomology* 21(2): 227-234.
91. \*Baranowski, A.K., and **E.L. Preisser**. 2018. Predator cues increase silkmoth mortality. *Frontiers in Ecology and Evolution* 6: 220.
90. Ellison, A.M., Orwig, D.A., Fitzpatrick, M.C., and **E.L. Preisser**. 2018. The past, present, and future of the hemlock woolly adelgid (*Adelges tsugae*) and its ecological interactions with eastern hemlock (*Tsuga canadensis*) forests. *Insects* 9(4): 172; doi: 10.3390/insects9040172. *Invited review for special feature on the hemlock woolly adelgid.*
89. †Wilson, C.M., Schaeffer, R.N., Hickin, M., Rigsby, C.M., Sommi, A., Thornber, C.S., Orians, C.M., and **E.L. Preisser**. 2018. Chronic impacts of invasive herbivores on a foundational forest species: a whole-tree perspective. *Ecology* 99(8): 1783-1791.
88. Lany, N.K., Zarnetske, P.L., Schliep, E.M., Schaeffer, R.N., Orians, C.M., Orwig, D.A., and **E.L. Preisser**. 2018. Asymmetric biotic interactions and abiotic niche differences revealed by a dynamic joint species distribution model. *Ecology* 99(5): 1018-1023.
87. \*Baranowski, A.K., and **E.L. Preisser**. 2018. Can *Darapsa myron* (Lepidoptera: Sphingidae) successfully use the invasive plant *Ampelopsis brevipedunculata* as a food resource? *Journal of the Lepidopterist's Society* 72(2): 152-154.
86. †Huggett, B.A., Savage, J., Hao, G.Y., **Preisser, E.L.**, and N.M. Holbrook. 2018. Impact of hemlock woolly adelgid (*Adelges tsugae*) infestation on xylem structure and function and leaf physiology in eastern hemlock (*Tsuga canadensis*). *Functional Plant Biology* 45(5): 501-508.
85. Schaeffer, R.N., Wang, Z., Thornber, C.S., **Preisser, E.L.**, and C.M. Orians. 2018. Two invasive herbivores on a shared host: patterns and consequences of phytohormone induction. *Oecologia* 186(4): 973-982.
84. Schliep, E.M., Lany, N.K., Zarnetske, P.L., Schaeffer, R.N., Orians, C.M., Orwig, D.A., and **E.L. Preisser**. 2018. Joint species distribution modeling for spatio-temporal occurrence and ordinal abundance data. *Global Ecology and Biogeography* 27(1): 142-155.

## BOOK CHAPTERS, EDITORIALS & INVITED REVIEWS

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- Blundell, J.J., and **E.L. Preisser**. 2020. Editorial: Integrating predation risk across scales: from neurons to ecosystems and milliseconds to generations. *Frontiers in Behavioral Neuroscience* 14:42.
- Preisser, E.L.** 2013. Invited review of Ohgushi, T. *et al* editors, 2013 'Trait-Mediated Indirect Interactions: Ecological and Evolutionary Perspectives'. *Quarterly Review of Biology* 88(4): 341.
- Preisser, E.L.** "Trophic Structure." In Jorgensen, S.E., and B.D. Fath, editors, 2008 'Encyclopedia of Ecology' Elsevier Press B.V., Oxford 5: 3608-3616.

## PROFESSIONAL EXPERIENCE

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- 2004-2006      **University of Massachusetts at Amherst, Dept. of Plant, Soil, and Insect Sciences**  
**Postdoctoral Researcher**      Amherst MA  
 Funded by United States Forest Service to research interactions between hemlock woolly adelgid, elongate hemlock scale, and eastern hemlock. Mentored NSF REU student. Supervisor: Dr. Joseph Elkinton.
- 1999 – 2004      **University of California at Davis, Center for Population Biology**  
**Instructor**      Davis CA  
 Co-taught EVE 101 "Introduction to Ecology" to 70 undergraduate & graduate students (Summer 2003).  
 Co-taught graduate student seminar, "The art and science of designing field experiments" (Winter 2004).  
**Teaching Assistant**  
 Teaching assistant: "Introductory Biology" (F99), "Introduction to Ecology" (F00, S01, F01, F02, F03).
- 1998 – 1999      **Pingry School**  
**Science Teacher**      Martinsville NJ  
 Developed and taught original eighth-grade physical science and ninth-grade biology curriculum.
- 1996 – 1998      **Yale School of Forestry and Environmental Studies**

**Research Assistant/Teaching Assistant**

New Haven CT

TA for "Ecology and Evolutionary Biology", "Introduction to Biology", and "Aquatic Ecology".

1993 – 1998 **University of Massachusetts - Boston Upward Bound Math & Science Program****Science Teacher, Advisor**

Dedham MA

Taught Biology and Chemistry to minority/first-generation college-bound students during summer program.

1993 – 1996 **Noble and Greenough School****Science Teacher**

Dedham MA

Taught seventh- and eighth-grade science, ninth-grade biology. Dormitory advisor 1993-1995.

**FUNDING AWARDS**

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2024

National Science Foundation DEB-2416615: Research Experiences for Undergraduates supplement for DEB-2117367. PI: Evan Preisser (15,000.00)

2021

National Science Foundation DEB-2117367: "Using herbivore kairomones to assess short-term and legacy risk responses in the early life stages of long-lived woody plants." PI: Evan Preisser; Co-PIs: John Orrock (University of Wisconsin-Madison), Colin Orians (Tufts University) (1,046,000.00)

2019

USDA McIntire-Stennis RI0020-MS986: "Can auditory risk cues reduce plant damage by caterpillars?" PI: Evan Preisser (55,000.00)

2018

PA Department of Conservation and Natural Resources DCNR 2018-001-HWA-URI: "Propagating, screening, and chemotyping eastern hemlocks putatively resistant to hemlock woolly adelgid from Pennsylvania forests." PI: Evan Preisser (55,000.00)

2017

COLCOM Foundation #20015270: "A natural approach to hemlock forest restoration in southwestern PA." PI: Evan Preisser (112,000.00)

USDA McIntire-Stennis RI0017-MS979: "Understanding and exploiting host plant resistance as a tool for eastern hemlock restoration in PA forests – a combined field and laboratory approach." PIs: Evan Preisser and Richard Casagrande (99,000.00)

2016

PA Department of Conservation and Natural Resources DCNR 2016-001-HWA-URI: "Understanding and exploiting host plant resistance as a tool for eastern hemlock restoration in PA forests – a combined field and laboratory approach." PIs: Evan Preisser and Richard Casagrande (99,000.00)

National Science Foundation DEB-1619997: Research Experiences for Teachers supplement to DEB-1256769. PI: Evan Preisser; Co-PI: Carol Thornber (11,500.00)

2015

Hatch Grant RI0015-H007: "Impact of invasive herbivores on intra-plant patterns of nutrient allocation and induced defense." PI: Evan Preisser; Co-PI: Carol Thornber (University of Rhode Island) (40,000.00)

US Forest Service 15-CA-11420004-133: "Breeding adelgid-resistant eastern hemlocks for reforestation assessment" PIs: Richard Casagrande and Evan Preisser (10,000.00)

2014

URI Proposal Development Award: "How does density affect forest pest interactions?" PI: Evan Preisser (13,245.00)

2013

National Science Foundation DEB-1357368: "2014 Gordon Research Conference on predator-prey interactions: From genes to ecosystems to human mental health." PI: Evan Preisser (10,000.00; funding for graduate students/postdocs to attend the 2014 Gordon Research Conference on predator-prey interactions)

2012

National Science Foundation DEB-1256769: "Herbivore interactions and plant responses: from foliar chemistry to communities." PI: Evan Preisser; Co-PIs: Carol Thornber (University of Rhode Island), Colin Orians (Tufts University) (586,000.00)

USDA AES (McIntire-Stennis): "Effects of forest fragmentation and creation of early-successional habitats on turtles in Rhode Island." One of seven Co-PIs (330,000.00)

RI-AES Hatch Grant RI00HI-4004: “Researching and developing adelgid-resistant hemlocks (*Tsuga canadensis*) as a nursery crop.” PI: Evan Preisser; Co-PIs: Richard Casagrande and Brian Maynard (University of Rhode Island) (109,000.00)

2011

United States Department of Agriculture NIFA 2011-67013-30142: “A foodweb approach to native plant protection in a forest ecosystem.” PI: Evan Preisser; Co-PIs: David Orwig (Harvard University), Joseph Elkinton (University of Massachusetts at Amherst), and Thomas Holmes (United States Forest Service Southern Research Station) (428,000.00)

URI CELS Equipment Award: “Plant and Pest Management Working Group Equipment Request.” One of eight co-PIs on grant to purchase growth chambers and portable photosynthesis meter (121,000.00)

2010

Champlin Foundation proposal: “Bringing global climate change to the classroom: interdisciplinary teaching, outreach, and research on the effects on elevated CO<sub>2</sub>.” One of 15 Co-PIs on grant to purchase and install two CO<sub>2</sub>-regulated growth chambers (125,000.00)

National Science Foundation DEB-1026615: Research Experiences for Undergraduates supplement for DEB-0715504. PI: Evan Preisser (7,000.00)

RI-AES Hatch Grant RH-4001-INT: “Assessing adelgid resistance in eastern hemlocks.” PI: Evan Preisser; Co-PIs: Richard Casagrande and Brian Maynard (University of Rhode Island) (27,000.00)

2009

National Science Foundation DEB-0922953: Research Experiences for Undergraduates supplement for DEB-0715504. PI: Evan Preisser (7,500.00)

2007

National Science Foundation DEB-0715504: “What factors govern the rate of spread of an invasive species? Assessing the importance of dispersal and selection in range expansion” PI: Evan Preisser (500,000.00)

RI-AES Hatch Grant RH-00175: “When invasive herbivores compete, who wins? Hemlock woolly adelgid and elongate hemlock scale on hemlock.” PI: Evan Preisser (65,000.00)

2006

United States Forest Service: “Production and evaluation of hemlocks resistant to the hemlock woolly adelgid.” Co-PIs: Richard Casagrande and Evan Preisser (70,000.00)

2005

Lead Author, National Center for Ecological Analysis and Synthesis working group: “When, and how much, does fear matter? Assessing the impact of predator intimidation of prey on community dynamics” (56,000.00)

2004

UC Davis Humanities Graduate Research Award (1,500.00)

Center for Population Biology Travel Award (800.00)

2003

UC Davis Humanities Graduate Research Award (1,500.00)

Soil Ecology Society Parkinson Student Travel Award (200.00)

Sigma Xi Grant-in-Aid of Research (300.00)

Achievement Reward for College Scientists (ARCS) Foundation Scholarship (5,000.00)

2002

National Science Foundation DEB-0206602: Doctoral Dissertation Improvement Grant (10,000.00)

Division of Biological Sciences Summer Research Fellowship (4,000.00)

UC Davis Humanities Graduate Research Award (1,500.00)

2001

Biological Invasions IGERT research grant + fellowship (7,000.00)

Jastro-Shields Research Grant (1,700.00)

Mildred E. Mathias Natural Reserve System Research Grant (2,000.00)

2000

Achievement Reward for College Scientists (ARCS) Foundation Scholarship (5,000.00)

1998

Geoffrey C. Hughes Foundation grant for wetlands protection research (5,000.00)

## PROFESSIONAL AWARDS

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2024

URI College of the Environment and Life Sciences Teaching Excellence Award

- URI College of the Environment and Life Sciences Service Excellence Award  
2018
- URI Graduate School (inaugural) Excellence in Graduate Mentoring Award  
2014
- Royal Entomological Society Award: *Ecological Entomology* Best Paper, 2012/2013 (awarded for Rafter et al  
“Chinese mantids gut toxic monarch caterpillars: Avoidance of prey defense?” *Ecological Entomology* 38: 76-82).  
Award given every two years for best paper over the past two-year period.
- 2013
- URI Intellectual Property Recognition Award
- 2012
- URI College of the Environment and Life Sciences Research Excellence Award
- 2009/10
- Invited participant, "Rising Stars/Careers in Ecology" workshop and panel discussion at 2009 and 2010  
Ecological Society of America Annual Meeting (8/09, 8/10)
- 2008
- Lead author and organizer, *Ecology* special feature on predation risk and community dynamics.
- 2006
- Leader of Organized Oral Session, 2006 Ecological Society of America annual meeting (8/06)
- 2005
- Merton Love Award for outstanding doctoral thesis in Evolution and Ecology at UC Davis
- 2004
- UC Davis Outstanding Graduate Student Teaching Award
- 2003
- Best Student Presentation, 2003 Ecological Society of America Meeting (Soil Ecology section)
- 2002
- UC Davis Community Service Award (for outstanding individual contributions to campus life)  
Outstanding Student Organization Award, UC Davis Society for Conservation Biology Chapter

## PROFESSIONAL SERVICE

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- 2025
- External program evaluator, University of Massachusetts-Dartmouth Department of Biology  
Subject Editor: *Ecology*, *Ecological Monographs*, and *Biological Invasions*
- 2024
- Subject Editor: *Ecology*, *Ecological Monographs*, and *Biological Invasions*  
External reviewer of full professor promotion packet (Baruch College, City University of New York)  
Peer reviewer (one manuscript)  
Panelist, NSF BRC-BIO panel
- 2023
- “How to be a scientist” presentation, East Providence High School – Providence RI (11/23)  
Subject Editor: *Ecology*, *Ecological Monographs*, and *Biological Invasions*  
External reviewer of tenure application (NC State Univ.) & full professor promotion packet (SUNY-ESF)  
Proposal reviewer for National Science Foundation, Northeastern States Research Cooperative  
Peer reviewer (11 manuscripts/proposals)
- 2022
- “How to be a scientist” presentation, East Providence High School – Providence RI (10/22)  
Proposal reviewer for Northeastern States Research Cooperative, Israel Science Foundation, National  
Science Foundation  
Subject Editor: *Ecology*, *Ecological Monographs*, and *Biological Invasions*  
Peer reviewer (12 manuscripts & proposals)
- 2021
- Subject Editor: *Ecology*, *Ecological Monographs*, and *Biological Invasions*  
External reviewer of full professor promotion packet (Georgetown University)  
External reviewer, Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES): Chapter 2  
(266 pp.), Chapter 4 (223 pp.), and Review Summary for Policymakers (39 pp.)  
Peer reviewer (12 manuscripts)
- 2020
- Discussion Leader, Fourth Gordon Research Conference on Predator-Prey Interactions

- Subject Editor: *Ecology*, *Ecological Monographs*, and *Biological Invasions*  
 External reviewer of two tenure applications (Baruch College, City University of New York; Utah State University) and two full professor promotion packets (University of California Davis; University of Denver)  
 Proposal reviewer for sDiv (German Centre for Integrative Biodiversity Research)  
 Peer reviewer (19 manuscripts & proposals)
- 2019  
 Lead Editor for invited Special Feature in *Frontiers in Behavioral Neuroscience* & *Frontiers in Ecology and Evolution*: "Integrating predation risk across scales: neurons to ecosystems, milliseconds to generations".  
 Subject Editor: *Ecology*, *Ecological Monographs*, and *Biological Invasions*  
 External reviewer of two tenure applications (University of Nevada Las Vegas; Case Western Reserve University) and one full professor promotion packet (University of Washington)  
 Evaluator, 2019 National Research Council of Canada Steacie Prize  
 Peer reviewer (13 manuscripts & proposals)
- 2018  
 Organizer of invited Special Feature in *Frontiers in Behavioral Neuroscience* & *Frontiers in Ecology and Evolution*: "Integrating predation risk across scales: neurons to ecosystems, milliseconds to generations".  
 Chair, Third Gordon Research Conference on Predator-Prey Interactions  
 Subject Editor: *Ecology*/*Ecological Monographs* and *Biological Invasions*  
 Guest Editor: *Proceedings of the National Academy of Sciences USA*  
 External reviewer, Killam Research Fellowship (Canada)  
 Peer reviewer (14 manuscripts)
- 2017  
 Subject Editor: *Axios Reviews*, *Ecology*/*Ecological Monographs*, and *Journal of Insect Science*  
 Peer reviewer (12 manuscripts & proposals)
- 2016  
 Panelist, NSF 'Population and Community Ecology' Cluster (18 proposals)  
 Vice-Chair, Second Gordon Research Conference on Predator-Prey Interactions  
 Subject Editor: *Axios Reviews*, *Ecology*/*Ecological Monographs*, and *Journal of Insect Science*  
 External reviewer of tenure application (Virginia Commonwealth University)  
 Peer reviewer (15 manuscripts & proposals; does not include proposals reviewed as panelist)
- 2015  
 Panelist, NSF 'Postdoctoral Research Fellowship in Biology' program (15 proposals)  
 Subject Editor: *Axios Reviews*, *Ecology*/*Ecological Monographs*, and *Journal of Insect Science*  
 External reviewer of tenure application (University of Denver)  
 Peer reviewer (19 manuscripts & proposals; does not include proposals reviewed as panelist)
- 2014  
 Chair of Program Advisory Committee and Discussion Leader, First Gordon Research Conference on Predator-Prey Interactions  
 Subject Editor: *Ecology*/*Ecological Monographs* and *Journal of Insect Science*  
 Peer reviewer (22 manuscripts & proposals)
- 2013  
 Panelist, NSF 'Population and Community Ecology' Cluster (13 proposals)  
 Panelist, NSF 'Postdoctoral Research Fellowship in Biology' program (18 proposals)  
 Invited 'Hemlock woolly adelgid' Session Organizer, Northeast Natural History Conference  
 Invited participant, Scientific Review Workshop (developing the 2015 RI State Wildlife Action Plan)  
 Steering Committee member, Alliance to Save Threatened Forests  
 Subject Editor: *Journal of Insect Science*  
 Peer reviewer (22 manuscripts & proposals, two book chapters; not including proposals reviewed as panelist)
- 2012  
 Lead writer for Gordon Research Conference proposal: "Predator-prey interactions: from genes and ecosystems to human mental disorders" (proposal approved 9/12; first conference meeting in winter 2014)  
 Steering Committee member, Alliance to Save Threatened Forests  
 Peer reviewer (27 manuscripts & proposals)
- 2011  
 Panelist, NIFA AFRI 'Organismal Biology' section (12 proposals)  
 Steering Committee member, Alliance to Save Threatened Forests  
 Peer reviewer (17 manuscripts & proposals; does not include proposals reviewed as panelist)
- 2010

Steering Committee member, Alliance to Save Threatened Forests

Peer reviewer (20 manuscripts & proposals)

2009

Steering Committee member, Alliance to Save Threatened Forests

Judge for both Buell/Braun award and Soil Ecology Section presentation award, ESA 2009 annual meeting

Subject editor (ad hoc), *Ecology*

Peer reviewer (20 manuscripts & proposals)

2008

Steering Committee member, Alliance to Save Threatened Forests

Judge for both Buell/Braun award and Soil Ecology Section presentation award, ESA 2008 annual meeting

Subject editor (ad hoc), *Ecology*

Peer reviewer (15 manuscripts)

2007

Judge for Buell/Braun awards, ESA 2007 annual meeting

Subject editor (ad hoc), *Ecology*

Peer reviewer (two manuscripts)

2006

Session presider and Buell/Braun award judge, ESA 2006 annual meeting

Subject editor (ad hoc), *Ecology*

Peer reviewer (seven manuscripts & proposals, one book)

2005

Session presider and Buell/Braun award judge, ESA 2005 annual meeting

Subject editor (ad hoc), *Ecology*

Peer reviewer (four manuscripts)

2004

Center for Population Biology Steering Committee, graduate student representative

Judge for Soil Ecology Section student presentation award, ESA 2004 annual meeting

Peer reviewer (six manuscripts)

2003

Center for Population Biology Steering Committee, graduate student representative

Peer reviewer (four manuscripts)

Subject Matter Editor for *Biological Invasions*, *Ecology/Ecological Monographs*.

Proposal reviewer for Agence Nationale de la Recherche Blanc SVSE 7 program, Israel Science Foundation, Gordon Research Conferences, Lizard Island Reef Research Foundation Doctoral Fellowship program, National Geographic Society, National Science Foundation, Northeastern States Research Cooperative, sDiv (German Centre for Integrative Biodiversity Research), United States-Israel Binational Science Foundation.

Manuscript reviewer for (79 journals total): *Acta Oecologica*, *Agricultural & Forest Entomology* (3 manuscripts), *American J Botany*, *American Naturalist* (7), *Animal Behaviour* (2), *Annals of the Entomological Society of America*, *Arboriculture & Urban Forestry*, *Arthropod-Plant Interactions*, *Behavioral Ecology* (4), *Behavioral Ecology & Sociobiology* (6), *Biocontrol Science & Technology* (2), *Biodiversity & Conservation*, *Biological Conservation*, *Biological Control* (2), *Biological Invasions* (3), *Biology*, *Biology Letters* (3), *Biological Reviews* (4), *Botany*, *Canadian Entomologist* (2), *Canadian J Forest Research*, *Canadian J Zoology* (2), *Climatic Change* (2), *Conservation Biology*, *Copeia*, *Diversity & Distributions* (2), *Ecological Entomology* (12), *Ecology* (24), *Ecology Letters* (12), *Ecosphere* (2), *Entomologia Experimentalis et Applicata*, *Entomological Science*, *Environmental Entomology* (6), *Environmental Management*, *European J Entomology*, *Forests* (7), *Forest Ecology & Management* (5), *Frontiers in Ecology & Evolution* (3), *Frontiers in Physiology* (2), *Functional Ecology* (8), *Global Change Biology*, *Great Lakes Entomologist*, *Hortscience*, *Integrative Zoology* (2), *International J Biological Science* (2), *Insects*, *Insect Science* (3), *International J Ecology*, *Iranian J Animal Science* (2), *J Animal Ecology* (17), *J Botany* (2), *J Comparative Psychology* (2), *J Ecology*, *J Ethology* (2), *J Insect Science* (2), *J Marine Biological Association UK* (2), *J Natural History*, *J Torrey Botanical Society*, *J Zoology*, *Marine Ecology Progress Series* (4), *Metabolites* (2), *New Zealand J Forest Science*, *Northeastern Naturalist*, *Oecologia* (13), *Oikos* (12), *Pakistan J Zoology*, *Parasitologia*, *Parasitology*, *Proceedings National Academy of Sciences USA* (3), *Proceedings of the Royal Society of London, Series B* (9), *PLoS ONE* (7), *Royal Society Open Science*, *Science* (2), *Scientific Reports* (3), *Southeastern Naturalist*, *Theoretical Population Biology*, *Trends in Ecology & Evolution* (3), *Zoological Studies* (3)

Book reviewer for University of Chicago Press (1 manuscript), *Quarterly Review of Biology*.



## DEPARTMENTAL/UNIVERSITY SERVICE

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Chair, Dept. of Biological Sciences Chair Search committee (2025)  
Member, URI Budget Model Operations Task Group (2024-)  
Member, Faculty Senate Executive Committee (2024-)  
Chair, Faculty Senate Curriculum & Standards Committee (2022-24) (Member 2021-2022)  
Faculty Senate representative, Dept. of Biological Sciences (2020-)  
Chair, Undergraduate Committee, Dept. of Biological Sciences (2013-2016, 2022-)  
President, URI chapter of Sigma Xi (2019-) (Treasurer 2008-2019)  
Chair, Dept. of Biological Sciences science pedagogy faculty search committee (2021-2022)  
Internal Member, Dept. of Biological Sciences Chair Search committee (2022)  
External Member, Dept. of Cellular and Molecular Biology Chair Search committee (2019)  
Chair, Dept. of Biological Sciences (2016-2019)  
Steering Committee, Graduate Program in Ecology and Ecosystem Sciences (2011- )  
Senior Fellow, University of Rhode Island Coastal Institute (2007- )  
Member, College of the Environment and Life Sciences Curriculum Affairs Committee (2013-2016)  
Faculty Mentor for Assistant Professor in Dept. of English (2013-2014)  
Chair, Ecological Seminar Series Committee (2007-2012)  
Member, Graduate Committee, Dept. of Biological Sciences (2006-2013)

Serving on thesis/dissertation committees of:

John Crockett (Ph.D., Ecology and Ecosystem Sciences)  
Lynde Dodd (Ph.D., Ecology and Ecosystem Sciences)  
Liubov Dumarevskaya (Ph.D., Ecology and Ecosystem Sciences)  
Erica Ewton (Ph.D., Graduate School of Oceanography)  
Madison Sachs (M.S., Ecology and Ecosystem Sciences)

Served on thesis/dissertation committees of 32 students prior to 2024 (pre-2024 list available on request)

## STUDENTS

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### CURRENT

Linda Forrester: Ph.D. student; degree expected 5/27  
Alexis Johnson, Ph.D. student; degree expected 5/29  
Lauren 'Ren' Johnson, Ph.D. student; degree expected 5/28  
Katherine Overstrum: M.S. student; degree expected 5/26  
Brooke Pellegrini, M.S. student; degree expected 5/25  
Eirette 'Amy' Santiago: M.S. student; degree expected 5/26

### FORMER

13. Zachary Lee M.S. 2019-22 (Currently: Lab Specialist, Division of Infectious Diseases, University of Virginia School of Medicine, Charlottesville VA)  
12. Alex Baranowski M.S. 2018-21 (Currently: Ph.D. student, Graduate Degree Program in Ecology, Colorado State University, Ft. Collins CO)  
11. Ian Kinahan M.S. 2017-20 (Currently: Inland Ecologist, Massachusetts Department of Conservation and Recreation, Boston MA)  
10. Elizabeth Whitney M.S. 2015-18 (Currently: Lead Field Technician for Two-lined Spittlebug project, University of Hawaii, Mānoa HI)  
9. Mary Mallinger M.S. 2015-17 (Currently: Conservation Biologist, Minnesota Zoo, St. Paul MN)  
8. Claire Wilson M.S. 2014-16 (Currently: Digital Content Creator/Writer, MilliporeSigma, Minneapolis MN)  
7. Katharine Harrison M.S. 2014-16 (Currently: Associate Professor, Community College of Rhode Island, Warwick RI)  
6. Dr. Jamie Rafter Ph.D. 2010-15 (Currently: Associate Professor, Muskingum University, New Concord OH)  
5. Dr. Mauri Hickin M.S. 2012-15 (Currently: Biological Scientist, USDA APHIS, Raleigh NC)  
4. Dr. Liahna Gonda-King M.S. 2010-13 (Currently: Science Teacher, Great Path Academy/Manchester Community College, Hartford CT)  
3. Dr. Laura Radville M.S. 2009-12 (Currently: Senior Software Engineer, Github Education, Boston MA)  
2. Dr. Mailea Miller-Pierce M.S. 2007-10 (Currently: Postdoctoral researcher, Washington State University, Pullman WA)

1. Dr. Laura Ingwell M.S. 2007-09 (Currently: Assistant Professor, Department of Entomology, Purdue University, Purdue IN)

## POSTDOCTORAL RESEARCHERS

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5. Santhi Bhavanam, 2022 - 2024
4. Chad Rigsby, 2016 - 2018 (Currently: Head of Research, Midwest Region, Bartlett Tree, Inc.)
3. Robert Schaeffer, 2014 - 2016 (Currently: Assistant Professor, Utah State University)
2. Sara Gomez, 2010 - 2014 (Currently: Administrative Director, Tufts University Environmental Studies Program)
1. Matthew Fitzpatrick, 2007 - 2009 (Currently: Associate Professor, University of Maryland Center for Environmental Science, Appalachian Lab)

## ORAL/POSTER PRESENTATIONS (\*INVITED TALKS)

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2024

- \*Entomological Society of America annual meeting – Phoenix AZ (11/24)
- \*Gordon Research Conference on Predator-Prey Interactions – Ventura CA (2/24)
- \*Forest Pathogen Expert Assessment Workshop – Annapolis MD (1/24)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/24)

2023

- \*Memorial University Dept of Biological Sciences – St Johns Newfoundland Canada (12/23)
- Entomological Society of America Eastern Branch meeting – Providence RI (3/23)
- \*University of Massachusetts Dartmouth Dept of Biology – Dartmouth MA (2/23)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/23)

2022

- \*Entomological Society of America meeting – Vancouver BC Canada (11/22)
- Ecological Society of America meeting – Montreal QC Canada (8/22)
- \*Rhode Island Nursery & Landscape Association annual meeting – Warwick RI (1/22) *Meeting cancelled due to COVID*

2021

- Entomological Society of America meeting – Denver CO (11/21)

2020

- \*Keynote Speaker, National Hemlock Woolly Adelgid Program Managers Meeting – Portsmouth NH (7/20) *Meeting cancelled due to COVID*
- \*Gordon Research Conference on Predator-Prey Interactions – Ventura CA (1/20)
- \*USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/20)

2019

- \*University of Wisconsin Madison – Madison WI (11/19)
- Ecological Society of America meeting – Louisville KY (8/19)
- \*Harvard University; Organismic and Evolutionary Biology Seminar Series – Cambridge MA (4/19)

2018

- \*Sixth International Workshop on Tree Resistance to Insects and Diseases - Mt. Sterling OH (8/18)
- Canadian Society for Ecology and Evolution meeting - Guelph ONT (7/18)
- \*Williams College (Invited Seminar Series) – Williamstown MA (5/18)
- \*Gordon Research Conference on Predator-Prey Interactions – Ventura CA (1/18)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/18)

2017

- Ecological Society of America meeting – Portland OR (8/17)
- \*University of Connecticut, Storrs; Ecology and Evolutionary Biology Seminar Series - Storrs CT (4/17)
- \*Eastern Branch of the Entomological Society of America – Newport RI (3/17)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/17)

2016

- \*North American Forest Insect Work Conference – Washington DC (5/16)
- Gordon Research Conference on Predator-Prey Interactions – Ventura CA (1/16)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/16)

2015

- \*Keynote speaker, Société Québécoise pour l'Étude Biologique du Comportement 40<sup>th</sup> annual meeting – Quebec City CAN (11/15)
- Ecological Society of America meeting – Baltimore MD (8/15)
- \*Washington State University – Pullman WA (3/15)
- \*University of Idaho – Moscow ID (3/15)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/15)
- 2014
- \*Purdue University – Purdue IN (2/14)
- Gordon Research Conference on Predator-Prey Interactions – Ventura CA (1/14)
- 2013
- Entomological Society of America meeting – Austin TX (11/13)
- \*Alliance for Saving Threatened Forests Symposium on Host Plant Resistance – Asheville NC (10/13)
- \*Williams College – Williamstown MA (4/13)
- \*Northeast Natural History Conference – Springfield MA (4/13)
- Gordon Research Conference on Plant-Herbivore Interactions – Ventura CA (2/13)
- 2012
- \*Entomological Society of America meeting – Knoxville TN (11/12)
- Ecological Society of America meeting – Portland OR (8/12)
- \*Samford University – Birmingham AL (6/12)
- \*University of Massachusetts, Amherst – Amherst MA (4/12)
- \*Wright State University – Dayton OH (3/12)
- \*USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/12)
- 2011
- \*Symposium on Reclaiming Hemlocks and Firs in the Eastern US – Waynesville NC (10/11)
- Ecological Society of America meeting – Austin TX (8/11)
- \*Eastern Branch of the Entomological Society of America – Harrisburg PA (3/11) (*Declined due to conflict with talk at Rutgers University*)
- \*Rutgers University – New Brunswick NJ (3/11)
- \*Rhode Island Nursery & Landscape Association annual meeting – Warwick RI (1/11)
- 2010
- \*Fifth Hemlock Woolly Adelgid Symposium – Asheville NC (8/10)
- Ecological Society of America meeting – Pittsburgh PA (8/10)
- Gordon Research Conference on Plant-Herbivore Interactions – Galveston TX (2/10)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/10)
- 2009
- \*Ecological Society of America meeting – Albuquerque NM (8/09)
- \*Washington University in Saint Louis – St. Louis MO (3/09)
- USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/09)
- 2008
- Ecological Society of America meeting – Milwaukee WI (8/08)
- \*Eastern Branch of the Entomological Society of America – Syracuse NY (3/08) (*Declined due to conflict with parental leave period*)
- \*Fourth Hemlock Woolly Adelgid Symposium – Hartford CT (2/08)
- \*OEB Seminar Series, University of Massachusetts, Amherst – Amherst MA (2/08)
- 2007
- \*Cambridge Entomology Club - Cambridge MA (12/07)
- Ecological Society of America meeting – San Jose CA (8/07)
- Rhode Island Natural History Survey Research Conference – Kingston RI (3/07)
- Gordon Research Conference on Plant-Herbivore Interactions – Ventura CA (2/07)
- \*USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/07)
- 2006
- Entomological Society of America meeting – Indianapolis IN (12/06)
- \*Harvard Forest – Petersham MA (10/06)
- Ecological Society of America meeting – Memphis TN (8/06)
- \*University of Rhode Island – Kingston RI (7/06)
- \*Integrated Pest Management symposium – Taunton, Waltham, and Northampton MA (3/06)
- \*Williams College – Williamstown MA (3/06)
- \*University of Toledo – Toledo OH (2/06)

USDA Interagency Research Forum on Invasive Species – Annapolis MD (1/06)

\*University of Nebraska – Lincoln NE (1/06)

2005

Ecological Society of America meeting – Montreal, Canada (8/05)

\*University of California at Davis – Davis CA (4/05)

\*Integrated Pest Management symposium – Pittsfield, Marlborough, and Plymouth MA (3/05)

\*Rice University – Houston TX (1/05)

2004

\*University of Rhode Island – Kingston RI (10/04)

Ecological Society of America meeting – Portland OR (8/04)

\*Bodega Marine Laboratory – Bodega Bay CA (6/04)

\*University of Massachusetts at Amherst – Amherst MA (2/04)

2003

Ecological Society of America meeting – Savannah GA (8/03)

Soil Ecology Society biennial meeting – Palm Springs CA (3/03)

2002

Ecological Society of America meeting – Tucson AZ (8/02)

\*Mildred Matthias Student Research Conference - Irvine CA (2/02)

2001

Ecological Society of America meeting – Madison WI (8/01)

## MEMBERSHIPS

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Ecological Society of America, Entomological Society of America, United Church of Christ, Sigma Xi, Xerces Society

## REFEREED PUBLICATIONS <2018 (\*UNDERGRADUATES; †GRADUATE STUDENTS)

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83. \*Schaeffer, R.N., Wilson, C.M., Radville, L., Whitney, E.R., Barrett, M., Roitman, S., Miller, E.R., Wolfe, B.E., Thornber, C.S., Orians, C.M., and **E.L. Preisser**. 2017. Individual and non-additive effects of exotic sap-feeders on root functional and mycorrhizal traits of a shared conifer host. *Functional Ecology* 31(11): 2024-2033.
82. Liu, B.M.§, **Preisser, E.L.**§, Shi, X., Wu, H., Li, C., Xie, W., Wang, S.L., Wu, Q.J., and Y.J. Zhang. 2017. Plant defence negates pathogen manipulation of vector behavior. *Functional Ecology* 31(8): 1574-1581. §dual lead authorship; both authors contributed equally to this work.
81. †Chejanovski, Z., Aviles-Rodriguez, K., Lapiedra, O., **Preisser, E.L.**, and J.J. Kolbe. 2017. An experimental evaluation of foraging behavior in urban and natural forest populations of *Anolis* lizards. *Urban Ecosystems* 20(5) 1011-1018.
80. Chen, Z., **Preisser, E.L.**, Xiao, R., Chen, J., Li, D., and X. Jiao. 2017. Inbreeding produces tradeoffs between maternal fecundity and offspring survival in a monandrous spider. *Animal Behaviour* 132: 253-259.
79. †Rafter, J.L., Vendettuoli, J., Gonda-King, L., Niesen, D., Seeram, N.P., Rigsby, C.M., and **E.L. Preisser**. 2017. Pretty picky for a generalist: impacts of toxicity and nutritional quality on mantid prey processing. *Environmental Entomology* 46(3): 626-632.
78. \*Schaeffer, R.N., Soltis, N.E., Martin, J.L., Brown, A.L., Gomez, S., **Preisser, E.L.**, and C.M. Orians. 2017. Seasonal variation in effects of herbivory on foliar nitrogen of a threatened conifer.  *AoB Plants* 9(2): plx007.
77. Xie, W., Chen, C., Yang, Z.H., Guo, L., Yang, X., Wang, D., Chen, M., Huang, J.Q., Wen, Y., Zeng, Y., Liu, Y., Xia, J.X., Tian, L., Cui, H.Y., Wu, Q.J., Wang, S.L., Xu, B.Y., Li, X.C., Tan, X.Q., Ghanim, M., Qiu, B., Pan, H.P., Chu, D., Delatte, H., Maruthi, M.N., Ge, F., Zhou, X.P., Wang, X.W., Wan, F.H., Du, Y.Z., Luo, C., Yan, F.M., **Preisser, E.L.**, Jiao, X.G., Coates, B.S., Zhao, J.Y., Gao, Q., Xia, J.Q., Yin, Y., Liu, Y., Brown, J.K., Zhou, X.G., and Y.J. Zhang. 2017. Genome sequencing of the sweetpotato whitefly *Bemisia tabaci* MED/Q. *GigaScience* 6(5): 1-7.
76. †Li, T., **Preisser, E.L.**, Haynes, K.F., and X.G. Zhou. 2017. Social buffering in a eusocial invertebrate: termite soldiers reduce the lethal impact of competitor cues on workers. *Ecology* 98(4): 952-960.
75. †Rafter, J.L., Gonda-King, L., Niesen, D., Seeram, N.P., Rigsby, C.M., and **E.L. Preisser**. 2017. Impact of consuming 'toxic' monarch caterpillars on adult Chinese mantid mass gain and fecundity. *Insects* 8: 23.

74. Pan, H., **Preisser, E.L.**, Su, Q., Jiao, X.G., Xie, W., Wang, S.L., Wu, Q.J., and Y.J. Zhang. 2016. Natal host plants can alter herbivore competition. *PLoS ONE* 11(12): e0169142.
73. Yang, C.X., **Preisser, E.L.**, Zhang, H.J., Liu, Y., Dai, L.Y., Pan, H.P., and X.G. Zhou. 2016. Selection of reference genes for RT-qPCR analysis in *Coccinella septempunctata* to assess unintended effects of RNAi transgenic plants. *Frontiers in Plant Science* 7: 1672.
72. †Harrison, K.V., and **E.L. Preisser**. 2016. Dropping behavior in the pea aphid: how does environmental context affect anti-predator responses? *Journal of Insect Science* 16(1): 89.
71. †Wilson, C.M., Vendettuoli, J.F., Orwig, D.A., and **E.L. Preisser**. 2016. Impact of an invasive insect and plant defense on a native forest defoliator. *Insects* 7: 45.
70. Karban, R., Orrock, J.L., **Preisser, E.L.**, and A. Sih. 2016. A comparison of plants and animals in their responses to risk of consumption. *Current Opinion in Plant Biology* 32: 1-8.
69. †Soltis, N., Gómez, S., Gonda-King, L., **Preisser, E.L.**, and C.M. Orians. 2015. Contrasting effects of two exotic hemipterans on whole-plant resource allocation in a declining conifer. *Entomologia Experimentalis et Applicata* 187(1): 86-97.
68. Pan, H., **Preisser, E.L.**, Chu, D., Wang, S.L., Wu, Q.J., Carriere, Y., Zhou, X.G., and Y.J. Zhang. 2015. Insecticides promote viral outbreaks by altering herbivore competition. *Ecological Applications* 25(6): 1585-1595.
67. Orrock, J.L., Sih, A., Ferrari, M.C.O., Karban, R., **Preisser, E.L.**, Sheriff, M.J., and J.S. Thaler. 2015. Error management in plant allocation to herbivore defense. *Trends in Ecology and Evolution* 30(8): 441-445.
66. †Gómez, S., Gonda-King, L., Orians, C.M., Orwig, D.A., Panko, R., Radville, L., Soltis, N., Thornber, C.S., and **E.L. Preisser**. 2015. Interactions between invasive herbivores and their long-term impact on New England hemlock forests. *Biological Invasions* 17(2): 661-673.
65. †Hickin, M., and **E.L. Preisser**. 2015. Effects of light and water availability on the performance of hemlock woolly adelgid (Hemiptera: Adelgidae). *Environmental Entomology* 44(1): 128-135.
64. †Su, Q., **Preisser, E.L.**, Xie, W., Wang, S.L., Wu, Q.J., and Y.J. Zhang. 2015. Manipulation of host quality and defense by a plant virus improves performance of whitefly vectors. *Journal of Economic Entomology* 108(1): 11-19.
63. \*Vendettuoli, J.F., Orwig, D.A., Krumins, J.A., Waterhouse, M.D., and **E.L. Preisser**. 2015. Hemlock woolly adelgid alters fine root bacterial abundance and mycorrhizal associations in eastern hemlock. *Forest Ecology and Management* 339: 112-116.
62. †McKenzie, E.A., Elkinton, J.S., Casagrande, R.A., **Preisser, E.L.**, and M. Mayer. 2014. Terpene chemistry of eastern hemlocks resistant to hemlock woolly adelgid. *Journal of Chemical Ecology* 40(9): 1003-1012.
61. †Li, X., **Preisser, E.L.**, Boyle, K.J., Holmes, T.P., Liebhold, A., and D.A. Orwig. 2014. Potential social and economic impacts of the hemlock woolly adelgid in southern New England. *Southeastern Naturalist* 13(Special Issue 6): 130-146.
60. †**Preisser, E.L.**, Oten, K.F., and F.P. Hain. 2014. Hemlock woolly adelgid in the eastern United States: what have we learned? *Southeastern Naturalist* 13(Special Issue 6): 1-15. *Invited introduction to special feature on the hemlock woolly adelgid.*
59. †Gonda-King, L., Gómez, S., Martin, J., Orians, C.M., and **E.L. Preisser**. 2014. Tree responses to an invasive sap-feeding insect. *Plant Ecology* 215(3): 297-304.
58. Ferrari, J.R., **Preisser, E.L.**, and M.C. Fitzpatrick. 2014. Modeling the spread of invasive species using dynamic network models. *Biological Invasions* 16(4): 949-960.
57. †Soltis, N., Gómez, S., Leisk, G., Sherwood, P., **Preisser, E.L.**, Bonello, E., and C.M. Orians. 2014. Failure under stress: the effect of the exotic herbivore *Adelges tsugae* on biomechanics of *Tsuga canadensis*. *Annals of Botany* 113(4): 721-730.
56. †Radville, L., Gonda-King, L., Gómez, S., Kaplan, I., and **E.L. Preisser**. 2014. Are exotic herbivores better competitors? A meta-analysis. *Ecology* 95(1): 30-36.

55. †Gómez, S., Gonda-King, L., Orians, C.M., and **E.L. Preisser**. 2014. Competitor avoidance drives within-host feeding site selection in a passively-dispersed herbivore. *Ecological Entomology* 39(1): 10-16.
54. Liu, B.M., **Preisser, E.L.**, Jiao, X., Pan, H., Xie, W., Wang, S.L., Wu, Q.J., and Y.J. Zhang. 2013. Plant-mediated changes in the feeding behavior of an invasive whitefly. *Environmental Entomology* 42(5): 980-986.
53. †Pezet, J., Elkinton, J.S., Gómez, S., McKenzie, E.A., Lavine, M., and **E.L. Preisser**. 2013. Hemlock woolly adelgid and elongate hemlock scale induce changes in foliar volatiles of eastern hemlock. *Journal of Chemical Ecology* 39 (8): 1090-1100.
52. Liu, B.M., **Preisser, E.L.**, Chu, D., Pan, H., Xie, W., Wang, S.L., Wu, Q.J., Zhou, X.G., and Y.J. Zhang. 2013. Multiple forms of vector manipulation by a plant-infecting virus: *Bemisia tabaci* and tomato yellow leaf curl virus. *Journal of Virology* 87(9): 4929-4937.
51. Orrock, J.L., **Preisser, E.L.**, Grabowski, J.H., and G.C. Trussell. 2013. The cost of safety: Refuges increase the impact of predation risk in aquatic systems. *Ecology* 94(3): 573-579.
50. †Rafter, J.L., Agrawal, A.A., and **E.L. Preisser**. 2013. Chinese mantids gut toxic monarch caterpillars: avoidance of prey defense? *Ecological Entomology* 38(1): 76-82.
49. †Ingwell, L.L., Miller-Pierce, M.R., Trotter, R.T. III, and **E.L. Preisser**. 2012. Vegetation and invertebrate community response to eastern hemlock decline in southern New England. *Northeastern Naturalist* 19(4): 541-558.
48. **Preisser, E.L.**, and J.L. Orrock. 2012. The allometry of fear: Interspecific relationships between body size and response to predation risk. *Ecosphere* 3(9): 77.
47. †Miller-Pierce, M.R., and **E.L. Preisser**. 2012. Asymmetric priority effects influence the success of invasive forest insects. *Ecological Entomology* 37(5): 350-358.
46. Gómez, S., Orians, C.M., and **E.L. Preisser**. 2012. Exotic herbivores on a shared host: foliar quality after individual, simultaneous, and sequential attack. *Oecologia* 169(4): 1015-1024.
45. †Gonda-King, L., Radville, L., and **E.L. Preisser**. 2012. False ring formation in eastern hemlock branches: impacts of hemlock woolly adelgid and elongate hemlock scale. *Environmental Entomology* 41(3): 523-531.
44. Fitzpatrick, M.C., **Preisser, E.L.**, Porter, A., Elkinton, J.S., and A.M. Ellison. 2012. Modeling range dynamics in heterogeneous landscapes: invasion of the hemlock woolly adelgid in eastern North America. *Ecological Applications* 22(2): 472-486.
43. †**Preisser, E.L.**, Miller-Pierce, M.R., Vansant, J.L., and D.A. Orwig. 2011. Eastern hemlock (*Tsuga canadensis*) regeneration in the presence of hemlock woolly adelgid (*Adelges tsugae*) and elongate hemlock scale (*Fiorinia externa*). *Canadian Journal of Forest Research* 41(12): 2433-2439.
42. \*Turner, J.L., Fitzpatrick, M.C., and **E.L. Preisser**. 2011. Simulating the dispersal of hemlock woolly adelgid in the temperate forest understory. *Entomologia Experimentalis et Applicata* 141(3): 216-223.
41. †Radville, L., Chaves, A., and **E.L. Preisser**. 2011. Variation in plant defense against herbivores: evidence for a hypersensitive response in eastern hemlocks (*Tsuga canadensis*). *Journal of Chemical Ecology* 37(6): 592-597.
40. †Ingwell, L.L., and **E.L. Preisser**. 2011. Using citizen science programs to identify host resistance in pest-invaded forests. *Conservation Biology* 25(1): 182-188.
39. Fitzpatrick, M.C., **Preisser, E.L.**, Porter, A., Elkinton, J.S., Waller, L.A., Carlin, B.P., and A.M. Ellison. 2010. Ecological boundary detection using Bayesian areal wombling. *Ecology* 91(12): 3448-3455.
38. Orrock, J.L., Sih, A., Dill, L.M., Grabowski, J. H., Peacor, S.D., Peckarsky, B.L., **Preisser, E.L.**, Vonesh, J.R., and E. E. Werner. 2010. Predator effects in predator-free space: the remote effects of predators on prey. *Open Journal of Ecology* 3: 22-30. NOTE: Authors listed alphabetically after first two authors.
37. Sih, A., Bolnick, D.I., Luttbeg, B., Orrock, J.L., Peacor, S., Pintor, L.M., **Preisser, E.L.**, Rehage, J.S., and J.R. Vonesh. 2010. Predator-prey naiveté, antipredator behavior, and the ecology of predator invasions. *Oikos* 119(4): 610-621. NOTE: Authors listed alphabetically after first author.
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