

# Eric Scott

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*PhD Candidate*

*Updates since last we met...*

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## Recent Publications

- 2019 **Interactive effects of drought severity and simulated herbivory on tea (*Camellia sinensis*) volatile and non-volatile metabolites**, *ER Scott, X Li, N Kfoury, J Morimoto, WY Han, S Ahmed, SB Cash, ...*, Environmental and Experimental Botany.
- 2018 **Exogenous Melatonin Alleviates Cold Stress by Promoting Antioxidant Defense and Redox Homeostasis in *Camellia sinensis* L.**, *X Li, JP Wei, ER Scott, JW Liu, S Guo, Y Li, L Zhang, WY Han*, Molecules.
- 2018 **Striking changes in tea metabolites due to elevational effects**, *N Kfoury, J Morimoto, A Kern, ER Scott, CM Orians, S Ahmed, T Griffin, ...*, Food chemistry.
- 2018 **Differential Changes in Tea Quality as Influenced by Insect Herbivory**, *ER Scott, CM Orians*, Stress Physiology of Tea in the Face of Climate Change.

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## Recent Presentations

### Talks

- Nov 2018 **The importance of insect herbivore density to induced metabolite blends in tea plants (*Camellia sinensis*) and implications for tea quality**, *Entomological Society of America Joint Meeting*, Vancouver, BC.  
◦ First place in section (P-IE turf and horticulture)
- Jul 2018 **Can pests rescue tea quality from climate change?**, *Chinese Academy of Agricultural Science Tea Research Institute (TRI CAAS) Seminar Series*, Hangzhou, China.
- Mar 2018 **Combined effects of drought and herbivory on tea metabolites**, *Biology Department Seminar*, Tufts University.

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## Posters

- Nov 2018 **Interactive effects of drought and herbivory on tea (*Camellia sinensis*) volatile and non-volatile metabolites**, *Entomological Society of America Joint Meeting*, Vancouver, BC.

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## Teaching

### TA-ing

- 2016–2018 **Graduate Teaching Assistant BIO 0132 (Biostatistics)**.
- 2019 **Graduate Teaching Assistant (Lecture TA for BIO 0014)**.

### Invited Lectures

- Dec 2018 **Lessons from fieldwork experiences**, *Intro to environmental fieldwork (ENV120)*, Tufts University.
- Oct 2018 **Tea sustainability in a changing climate**, *Sustainability in Action*, Tufts University.
- Apr 2018 **Tea chemistry, the environment, and health**, *Medicinal Plants*, Tufts ExCollege.

### Other

- Jan 2018 **R Notebooks: Richly annotate your statistical analyses and produce dynamic reports**, *Workshop*, Tufts University.

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## Classes

- Spring 2018 Modeling, simulating and optimizing biological systems (EE 194/BIO 196). Joel Grodstein