

iTOX Lab 2018~

iTOX Lab Opportunities

Our *iTOX* Lab is an Insect Toxicology Lab at the Pennsylvania State University, PA, USA. We use interdisciplinary approaches from molecular and evolutionary biology, functional genomics, behavior, bioinformatics, protein chemistry, and structural biology to understand the mechanisms and evolution of insects' adaptation to abiotic and biotic stresses in their environment.

Postdocs, graduates, undergraduates, and high school students are welcome to join the *iTOX* lab at any time. Our research includes topics focused on mechanisms of insect adaptation to natural or human-made toxins, such as pesticides, host plant allelochemicals, GMO toxins as well as stresses from other organisms, environmental effects and toxicity of pesticides on pollinators. Postdocs and graduate students will be encouraged to develop and pursue independent projects tailored to their own research interests. Undergraduate or high school students would gain well training in knowledge, techniques and research experience on molecular, biochemistry, and chemistry by participation in the ongoing lab projects or working on their own research projects.

Interested? Please email to fuz59@psu.edu for more information.

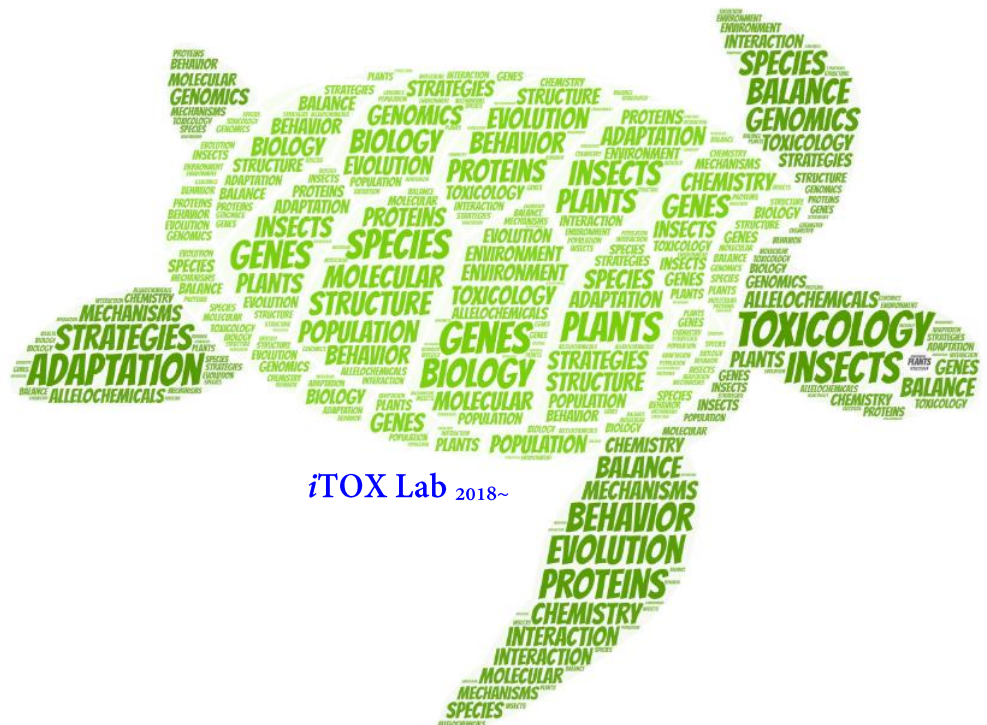
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Website: <https://ento.psu.edu/directory/fuz59>

Google scholar citation: <https://scholar.google.com/citations?user=i3s3I20AAAAJ&hl=en>

Lab location:

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