



SUNY - ESF

Outreach

Integrating Graduate Research into the Classroom

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NSF GK 12 Project Overview

Environmental Science to Promote Sustainable Urban, Rural, and Indigenous Communities

- 24 high schools in urban, rural, and indigenous communities in New York
- 9 Graduate Fellows
- Global Environment course



Population Genetic Structure of the Ectomycorrhizal Basidiomycete *Suillus spraguei* in Continuous and Fragmented Forests

Mycology

Scientific Method

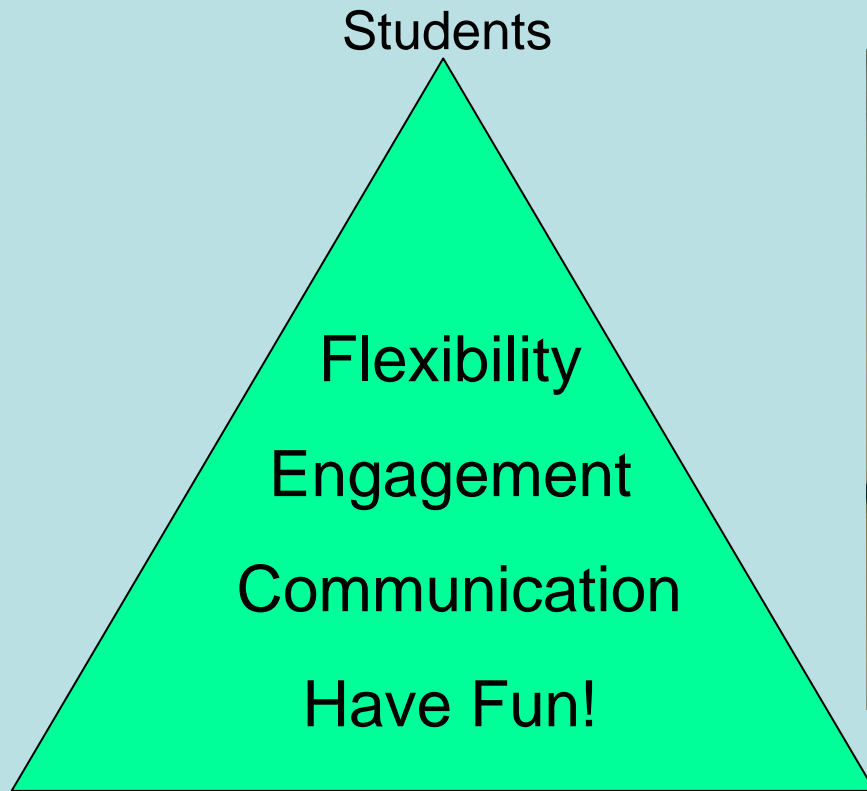
Biodiversity



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Outreach

Fellow – Teacher Partner - Students



Teacher

Fellow

Results and Challenges

- Hands-on Science
- Inquiry-based Learning
- Students' Research Projects
- ESF Summit



Advice for the future!

- Establish a connection
- Challenge, but do not overwhelm
- More exposure to primary research literature
- Remember your days in school!

More Hands-on!



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