

JENNIFER M. NITTANY

222 Waupelani Drive, Apartment #16
State College, Pennsylvania 16801
(607) 555-1212
jnittany@psu.edu

SUMMARY:

- GPS and GIS Experience
- Water Quality Testing
- Data analysis using Microsoft Excel, Macroinvertebrate Sampling and Biotic Index experience, Electro fishing experience, Periphyton Sampling

EDUCATION:

The Pennsylvania State University, University Park, PA

Expected Graduation, Spring 2012

B.S. in Environmental Resource Management,

Minors in Agricultural Communications, Watersheds & Water Resources

Awarded the 2010 College of Agricultural Sciences Internship Award

CERTIFICATIONS/AFFILIATIONS

Current Occupational Safety and Health Administration 1910.120 – 40 Hour Hazardous Waste Site Operations Certification

Society of Wetland Scientists Professional Certification Program – Wetland Professional in Training Certification (WPIT)

Current Pennsylvania Boating Safety Certification

Member of the American Fisheries Society (AFS)

Member of the Society of Wetland Scientists (SWS)

RESEARCH:

Biogeochemistry Soils Lab, Penn State Department of Crop and Soil Sciences July 2008-present

- Conducted research project within two differently managed forests to examine differences between carbon dioxide respiration rates and microbial communities of Late Successional and Clear Cut forests to determine connections between microbial populations and the amount of carbon dioxide emitted.
- Operate LiCor, environmental testing equipment
- Responsible for nitrogen extractions, preparing acid baths, making reagents
- Conduct milling and rolling techniques for mass spec analysis of various soils
- Perform field work, collected soil samples for lab analysis

EXPERIENCE:

PA Fish & Boat Commission Division of Environmental Services, Bellefonte, PA

2008 – Present

Fisheries Biologist Aide

- Obtained a solid understanding of environmental permitting processes, as well as participated in a range of permit program reviews.
- Developed proficiency in ichthyological sampling in both wadeable and non-wadeable waters using all types of sampling gear.
- Performed qualitative and quantitative benthic macroinvertebrate collections and the subsequent identifications as an assessor of aquatic system health.
- Participated extensively in the damage assessments of numerous large scale aquatic pollution events and Superfund site evaluations.
- Gained valuable experience in working with and coordinating multi-agency field crews and co-ops.
- Achieved an in depth knowledge of a broad array of survey gear and collection related equipment in addition to being responsible for its maintenance and necessary modification.

Spanish Language Immersion Experience for Penn State Agricultural Sciences Students

- Three week study abroad experience in Cuernavaca and Buenavista, Mexico.
- Participated in Spanish classes, examined different agricultural systems throughout the country