

# Danielle M. Andrews

---

215 ASI Bldg.  
The Pennsylvania State University  
University Park, PA 16802

Office: (814) 865-0052  
Mobile: (859) 699-6969  
Email: dma203@psu.edu

## Education:

---

*The Pennsylvania State University* Expected Summer 2010  
Ph.D., Soil Science; GPA: 4.0/4.0

*University of Kentucky* 2006  
M.S., Plant and Soil Science; GPA: 4.0/4.0

*South Carolina State University* 2004  
B.S., Biology; Chemistry & Env. Sci. minors; GPA: 4.0/4.0, *Summa cum laude*

## Relevant Research Experience:

---

*Soil Sciences Dept., The Pennsylvania State University* 2006-present

- Designed and implemented a research project to assess the water and nutrient dynamics in a 7.9 hectare forested catchment
- Monitored nutrient dynamics by collecting and analyzing water, soil, and gas samples using a TOC analyzer, Lachat, CHNS, and GC-MS

*Plant & Soil Science Dept., University of Kentucky* 2004-2006

- Monitored growth and survival of >1000 tree seedlings
- Evaluated methods for successful revegetation of riparian systems
- Assessed water and habitat quality with seasonal soil and monthly water sample analyses
- Analyzed data and submitted research for publication

*Forestry Dept., University of Kentucky* Summer 2003

- Conducted physical and chemical analyses of >200 wetland soils
- Analyzed data and submitted research for publication

## Administrative Experience:

---

*Soil Sciences Dept., The Pennsylvania State University* 2007-present

- Managed a 6-person lab and co-coordinated field experiments
- Supervised three undergraduate student helpers in field and lab
- Organized and summarized weekly field data for >100 sites

*\* References available upon request \**