

BIORESOURCES ENGINEERING SOIL & WATER QUALITY LABORATORY

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Student Opportunities

- Employment for Dr. Ritter and the BREG SWQL
 - Laboratory analysis
 - Test samples for nutrients, metals, etc.
 - Learn QA/QC procedures
 - Data analysis using Excel
 - Field Sampling
 - Well sampling
 - Biomass cutting
 - Moisture measurements
 - Soil sampling
 - Instrumentation Repair

- Research for credit through special problem
 - Focus on a particular aspect of current projects
 - Learn analytical techniques used to solve research
 - Written report structured like a lab report
 - Focus on a water quality issue of interest to you
 - White Clay Creek – impact of housing construction
 - White Clay Creek Model Watershed
 - Focus on waste management issues
 - Agricultural or industrial

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- Funded undergraduate research programs
 - DE Water Resource Center
 - No credit but a resume booster
 - Poster presentation experience
 - Research is carried out over the summer.
 - Report and poster presentation are due in February.
 - Current project: Biological and enzymatic treatment of food processing ww.
 - Paper published in DWRC annual report

Note: The proposals for this grant are due in March 2004. This years grantees have been chosen. So this would be for next summer (2004).