

## **Jane Smith**

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**Personal:** Born July 24, 1999, fluent in French, U.S. Citizen

**Education:** Bucknell University - B.S. Geology with minor in Philosophy  
(anticipated completion May, 2008)

Cummulative GPA: 3.0/4.0                      Geology GPA: 3.0/4.0

GRE: 500 Math, 500 Verbal, 5.0 Analytical

**Relevant Coursework:** (\*includes co-requisite laboratory, # in progress, \*\*planned spring 2008)

Geology courses: Dynamic Earth\* (physical geology), Evolution of Earth\* (historical geology), Structural Geology\*, Mineralogy/Crystallography\*, Geomorphology\*, Sedimentology/Stratigraphy, Geochemistry#, Hydrogeology#, Senior Program I & II (senior thesis class), Tectonics\*\*, Advanced Applied Geomorphology\*\*

Related courses: Mechanics I (Statics and Dynamics), Classical and Modern Physics I, Calculus I & II, Applied G.I.S., Limnology, Environmental Law, Science Ethics, Hazardous Waste Management, Introduction to Computer Science, Soil Mechanics.

Computer Skills: ArcGIS, G.P.S., Java, C++, Adobe Illustrator, Stella

Laboratory Experience: XRD (Bucknell), XRF (Colgate), SHRIMP (Stanford), SEM (Bucknell).

### **Grants and Awards:**

Outstanding Teaching Assistant Award, Spring, 2007 - Bucknell University Geology Dept.

Sigma Xi, Spring 2007 - Grant in Aid of Research

"Age of Gold Deposits Beneath the O'Leary Building" - \$1000

Summer Research Fellowship, 2007, Bucknell U. Program for Undergraduate Research.

"Prospecting for Precious Metals on Campus"

**Publications:** \* oral presentation

Smith, J\*, and Advisor, J., 2006, New discovery of economically significant gold deposits in Union County PA, *Geological Society of America Abstracts with Programs*, v. 3, p.34.

Smith, J., Advisor, J., and Collaborator, J, in press, Age and origin of fault-related gold deposits in Central Pennsylvania. Accepted for publication in *Economic Geology*

Smith, J., Roll-type gold deposits of the Lewisburg, PA area (senior thesis in progress, anticipated completion 12/07).

**Field Experience:**

Yellowknife, NWT, Canada (1.5 months) - Field Assistant for Dr. J. Geochemist. Summer, 2006

New Mexico (10 days) - Geologic mapping of bedrock and surficial geology in and near the Rio Grande Rift. Spring, 2004.

Lewisburg, PA (2 months) - Undergraduate thesis research- describe components here. Summer, 2007.

**Work Experience:**

Teaching Assistant: Physical Geology (Fall, 2005); Sedimentology/Stratigraphy (Fall, 2006)  
Describe responsibilities.....

President: Bucknell Outing Club {2005-2006} List accomplishments during office here....

Writing Center Tutor: Fall, 2007. Describe responsibilities.....

[list only those experiences that relate to geology or demonstrate a skill/experience that will be attractive to employers/grad schools such as writing, speaking, leadership, etc.]

**Professional Memberships:**

American Mineralogical Society  
Geological Society of America  
Association of Women Geoscientists