

Richard Laffers

Current status: PhD student/Research assistant, Geosciences Dpt., Stony Brook University, New York.

Education

- **Magister of Natural Sciences**, Geology, Faculty of Natural Sciences, Comenius University (Bratislava, Slovakia). June 2004.
- **Bachelor of Natural Sciences**, Geology, Faculty of Natural Sciences, Comenius University (Bratislava, Slovakia). June 2002.

Employment history

- **Teaching Assistant** for GEO 107 Natural Hazards and GEO 304 Natural Resources courses, Stony Brook University, New York, 2004-2005.
- **Field Geophysical Investigation – Assistant**, Geophysics a.s. (Brno, Czech Republic). 1998-1999.
- **Custom Declarants Office – Assistant**, DHL Slovakia a.s. (Bratislava, Slovakia). 2002-2004.

Professional services

- Web design and administration of [Schoonen's Geochemistry Lab](#) website, 2005-to date.
- Author and administrator of website for GEO 107 Natural Hazards course students, Autumn 2004.

Research skills

- X-ray powder diffraction analysis
- BET surface area analysis
- FTIR spectroscopy (DRIFT)
- Raman spectroscopy
- Electron-optical methods (SEM, BSE, electron microprobe analysis)
- Optical microscopy of rock-forming and ore minerals
- Low-T geochemical experiments experience
- Field geological research experience

Computer skills

Web design

- HTML, XHTML, XML

- CSS
- JavaScript
- PHP
- MySQL
- Dreamweaver, Fireworks, Flash

Creating and editing graphics

- Corel suite
- Adobe Photoshop
- Macromedia Fireworks, Flash

Specialized software

- Geochemical modelling (Geochemist's Workbench, EQ3/6, Phreeqci)
- XRD data manipulation (Match!, GSAS+EXPGUI, Compare, Logic)

Other

- Apache web server configuration and administration
- MySQL server configuration and administration
- Experience with Windows and Unix-based OS
- MS Office suite (Word, Excel, Powerpoint)
- Experience with PC hardware configuration

Languages

English, Slovak, German, Czech

Awards and honors

- **Award of Honor** in recognition of outstanding achievement and dedication as a teaching assistant, Geosciences Dpt., Stony Brook University, New York, 2005.
- **Nomination to The National Dean's List®**, USA, 2005.
- **Comenius University's Rector Award** for outstanding academic achievements and performance, Comenius University, 2004.
- **Award for the best paper at the Geological Section of Student Scientific Conference**, Comenius University, Slovakia, 2003.
- **Geological Section at the Faculty of Sciences Award** for outstanding academic achievements and performance, Comenius University, Slovakia, 2002.
- **Faculty of Sciences' Dean Award for the best paper at Student Scientific Conference**, Comenius University, Slovakia, 2001.
- **Award for the best paper at the Geological Section of Student Scientific Conference**, Comenius University, Slovakia, 2001.