

# ANDRE SCHEINWALD

---

CELL: (516) 987 - 6614  
aschein33001@gmail.com

## Education

M.S. University of Delaware- Oceanography (Geochemistry) 05/2013  
B.A. Boston University- Earth Sciences (Interdisciplinary- Geology, physics, math, chemistry) 09/2008

## Professional Experience

5.5 years research

**Research Assistant**, College of Earth, Ocean, and Environment, University of Delaware 08/2011-10/2013

- Salaried University position with full tuition coverage to lead research on oxygen and carbon isotope data analysis. Operated a Mass Spectrometer, mixed molarities of Nitric and Phosphoric acid, operated a liquid nitrogen vacuum pump system, cleaned glassware using a 2 step Nitric acid and deionized water bath. Mixed and used solutions.

**Staff Associate**, Lamont-Doherty Earth Obs., Columbia University 10/2009-08/2011

- Led project evaluating impact ejecta in sediment cores. Extensive microscope work and Scanning Electron Microscope operation

**Research Assistant**, Dept. of Geography, CUNY Hunter College 01/2010-08/2011

- Assisted in preparing lab for new project by determining necessary equipment and ordering from best value suppliers to stay within budget.

**Adjunct Lecturer**, Dept. of Geography, CUNY Hunter College 01/2010-08/2011

- Instructed Geology 101 labs.

**Crew Leader<sup>1</sup>, Partnership Assistant<sup>2</sup>**, U.S. Census Bureau, Garden City, NY 04/2009-09/2010

- <sup>1</sup>Trained and supervised 30 individuals and ensured deadlines were met.  
<sup>2</sup> Public outreach in Spanish speaking communities and acting manager of the Long Island supply warehouse.

**Substitute Teacher**, Valley Stream Central High School District, Valley Stream, NY 02/2009-04/2009

**Diamond Grader Trainee**, Gemological Inst. Of America, NY, NY 10/2008-12/2008

**Laboratory Assistant**, Dept. of Earth Sciences, Boston University 01/2007-05/2008

- Assisted lab group in studies of marine processes. Some responsibilities included data entry, processing, and analysis, and using high molarity hydrogen peroxide with a combustion oven to dissolve organics in marsh sediment for analysis.

## **Skills and Qualifications**

- Statistical data analysis
- Data entry and processing
- Chemical prep
- Technical writing
- Conversational Spanish fluency
- Public speaking
- Project management
- MSDS adherence
- Mass Spectrometer operation
- Scanning Electron Microscope operation
- Microscope work (Plain and cross polar light)
- Basic Database Management

## **Software Suites**

- ArcGIS
- Matlab
- Redfit
- Arand Software Suite
- MS Office (Word, Excel, PowerPoint)
- SigmaPlot
- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- Linux O/S (Fedora)

## **Conferences and Presentations**

American Geophysical Union Fall 2012 Meeting. Poster presentation: Millennial Climate Scale Signals in the Subtropical Northwest Atlantic; A. Scheinwald and K. Billups

University of Delaware Spring 2013. Thesis Defense: Linking Millennial Scale Variability to Orbital Frequencies Using a High Resolution Foraminiferal Climate Record Spanning the Pleistocene; A. Scheinwald

## **References**

Dr. Katharina Billups, Professor, University of Delaware, 302-645-4249, kbillups@udel.edu

Dr. Dallas Abbott, Research Scientist, Columbia University, 845-365-8664, dallas@ldeo.columbia.edu

Dr. Randy Rutberg, Assistant Professor, CUNY Hunter College, 212-772-5326, randy.rutberg@hunter.cuny.edu