

# Charles W. Bohn IV

(814) 237-3804  
cwbohn4@yahoo.com

370 Strouse Ave.  
State College, PA 16803

## EDUCATION

September 2006 - Present  
M.S., Geology

Pennsylvania State University, State College, PA  
In progress

August 2002 – December 2005  
B. S., Geology

Colorado State University, Fort Collins, CO

## RELATED SKILLS AND CERTIFICATION

- Surface and subsurface mapping
- Subsurface and outcrop interpretation
- Water Survival and HUET training (July 2007)
- Proficient with Openworks, 123DL, Geolog, GMT, ArcGIS, Surfer, Matlab
- Excellent client interaction and interpersonal skills
- Quick to learn and apply new information
- Positive attitude and professional demeanor
- Excellent time management
- Perform well in group settings and alone

## PROFESSIONAL EXPERIENCE

Geologist, Petroleum GeoSystems Initiative, Pennsylvania State University

September 2006 – May 2007  
August 2007 - Present

- Present data in a weekly meeting with program advisory committee
- Quantitative analysis and interpretation of 3D seismic, pressure, and stratigraphic data
- Partner with engineers and a geophysicist in an interdisciplinary environment

Geologist Intern, Shell Exploration and Production

May 2007 – August 2007

- Integrated 3D seismic, well log and production data to identify prospects in a mature field
- Participated in daily rig call
- Participated in bi-weekly team meetings

Instructor, Petroleum Geology Laboratory, Pennsylvania State University

January 2007 – May 2007

- Prepared laboratory assignments and presented weekly introductory lecture
- Managed student grades utilizing course website

Geologist, Baker Hughes – Atlas Division

January 2006 – May 2006

- Conducted geological interpretation studies of single and multi-well borehole images
- Coordinated with Baker Atlas sales personnel to generate geological products and presentations
- Completed company Geoscience Course and soft skill training

Instructor, Introduction to Geology Laboratory, Colorado State University

January 2005 – December 2005

- Facilitated participation-based investigations of fundamental geologic principles
- Managed student grades and information on course website
- Contributed to ongoing efforts aimed at improving the course textbook

Research Assistant, Skull Creek Shale Assessment, Laporte, CO

January 2005 – May 2005

- Produced measured section of Skull Creek Shale
- Analyzed Mercury Injection Capillary Pressure (MICP) and Total Organic Carbon (TOC) data
- Evaluated sealing capacity of Skull Creek Shale using collected data

## AFFILIATIONS AND HONORS

- AAPG and SEPM member
- CSU Geology honor senior (Top senior 2005)
- CSU Geology Club Vice President 2005
- National Honor Society of Collegiate Scholars

## ADDITIONAL WORK EXPERIENCE

Window Department Manager, United Building Centers, Ft. Collins, CO

April 2002 – May 2005  
January 1999 – March 2001

- Provided product research, account maintenance/collection, blueprint takeoffs, and project bid development
- Generated sales leads, acquired new accounts, assigned duties to service technicians, and coordinated deliveries

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### **REFERENCES**

Dr. Frank Ethridge, Professor  
Department of Geosciences  
Colorado State University  
Fort Collins, CO  
(970) 491-6195  
fredpet@cnr.colostate.edu

Dr. Peter Flemings  
Department of Geosciences  
Pennsylvania State University  
307 Deike Building  
University Park, PA 16802  
(814) 865-2309  
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Dr. Judy Hanna, Professor and Department Head  
Department of Geosciences  
Colorado State University  
Fort Collins, CO  
(970) 491-5661  
jhannah@cnr.colostate.edu

Dr. Sarah Rathburn, Associate Professor  
Department of Geosciences  
Colorado State University  
Fort Collins, CO  
(970) 491-6956  
rathburn@lamar.colostate.edu.

Dan Coontz, Store Manager  
United Building Centers  
224 West Harmony Rd.  
Fort Collins, CO 80524  
(970) 226-5110

## **RELATED COURSE WORK**

### **Geology Core**

Geologic Field Methods  
Geology Summer Field Course  
Geomorphology  
Historical and Analytical Geology  
Igneous and Metamorphic Petrology  
Mineralogy  
Optical Mineralogy  
Sedimentary Petrology and Geochemistry  
Stratigraphy and Sedimentation  
Structural Geology  
Advanced Stratigraphy (Graduate level)  
Sedimentary Geology (Graduate level)  
Field Stratigraphy (Graduate level)

### **Foundation**

Analytic Trigonometry  
Calculus-Physical Scientists I and II  
College Algebra I and II  
General Chemistry I and II plus laboratory  
History and Philosophy of Scientific Thought  
Logarithmic and Exponential Functions  
Numerical Trigonometry  
Physics for Scientists and Engineers I  
Multi-channel seismic (Graduate level)

### **Courses Taught**

First Year Seminar Environmental Studies  
Introductory Geology (2 semesters)  
Petroleum Geology

### **Specialization**

3D Seismic Geomorphology  
Carbonate Systems  
Geographic Info Systems (**GIS**)  
Statistical Methods  
Natural Resources History and Policy  
Pedology  
Research Methods in Fluvial Geomorphology  
Sedimentary Basin Analysis  
Soil Physics plus laboratory  
Principles of Well Testing and Evaluation (Graduate Level)  
Risk Management in the Earth Sciences (Graduate Level)