

Dominick Andrew Wytovich

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Objective:

I am seeking a full time position with an Oil and Gas Exploration and Production Company.

Education:

Juniata College: Huntingdon, Pa
Bachelor's of Science in Geology,
Graduated, 2008: GPA: 3.2

Wright-State University: Dayton, Oh
Master's of Earth and Environmental Science
Anticipated graduation date: June 2010 GPA 3.82

Baard Project & Master's Research: *(scheduled completion June 2010)*

- Reservoir Analysis of the Clinton Formation in Stark and Summit Counties, Ohio.
 - Stratigraphic tops identified and correlated using Sequence Stratigraphy
 - Net sand, and isopach maps created from a discrete log in Petrel
 - Eight cross sections (3 along strike, 5 along dip)
 - Initial production data related to maps and cross sections
 - Determining lithologic controlling factors on production

Work Experience:

- **Pennsylvania Department of Conservation and Natural Resource (DCNR):**
 - Correlated digital raster geophysical logs throughout western Pennsylvania.
 - Mapped structure and thickness of Devonian and Silurian age rock units: (summer of 2007).
- **Pennsylvania Geological Survey:**
 - Field mapping of the Julian and Union Furnace Quadrangles, Pa: (spring 2008)
- **Pennsylvania Department of Conservation and Natural Resource (DCNR):**
 - Carbon Sequestration Project: Constructed structure and isopach maps using Petra and ArcGIS.
 - Marcellus Shale Project: cross sections, structure and isopach maps throughout Pennsylvania: (summer of 2008)

Earth Science Software Skills:

- **Petra** – Raster log modification, stratigraphic top picking, production of structure and isopach maps, and digitizing
- **Petrel** – Data import of las and seismic data, stratigraphic top picking, discrete log production, creation of structure and isopach surfaces
- **ArcGIS** – Data input, interpolation, surface contours
- **Promax** – Seismic data processing

Geology Skills:

- Measuring and describing field exposures of rocks
- Reading and interpretation of erosional and depositional landforms using a map, and field data
- Preparing geologic maps and cross sections for a succession of layered rock units
- Using a Brunton compass to measure orientations of geological structures
- Identifying and classifying sedimentary, igneous, and metamorphic rocks in hand samples and also using petrographic microscopy
- Using Scanning Electron Microscope (SEM) and X-Ray Diffraction (XRD) analysis to assist in mineral and rock identification
- Preparing and studying thin sections for petrographic and fluid inclusion analysis
- Conducting grain size and sorting analyses of sediments and sedimentary rocks – Identification by lithology, sedimentary structures, and fossils as well as determining stratigraphic units
- Correlation and geometric configurations of stratigraphic intervals from collected field data
- Interpretation of geophysical logs and seismic data.

College Clubs, Activities, and Associations

- North America Scholar Consortium (NASC) Honor Society
- Member of GSA (Geological Society of America)
- Member of AAPG (American Association of Petroleum Geologists)
- Member of Wright-State Geology AIPG/SEG
- Juniata Football: 2004-2007

References:

- **Kristin Carter**: Title, Chief, Carbon Sequestration Section, DCNR – Bureau of Topographic and Geologic Survey, Phone: 412-442-4234, Email: krcarter@state.pa.us
- **John Harper**: Title, Geologist Supervisor, Chief; DCNR – Bureau of Topographic and Geologic Survey, Phone: 412-442-4230, Email: jharper@state.pa.us
- **Doyle Watts**: Title, Associate Professor of Earth and Environmental Sciences, Wright State University, Phone: 937-775-3460 Email: doyle.watts@wright.edu
- **David Dominic**: Title, Associate Professor of Geological Sciences Wright State University, Phone: 937-775-3445 Email: david.dominic@wright.edu