

Steven James Biars

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EDUCATION:

Shawnee State University, Portsmouth, OH
Bachelor of Science - Geology, 2011
Bachelor of Science - Mathematics, 2011

Relevant Courses: Geological Field Methods, Sedimentology, Structural Geology, Modern Abstract Algebra, Discrete Mathematics, Calculus-Based Physics, Particle Physics, Physics Research (High Energy), Hydraulics, AC/DC Circuitry, Electromechanical Systems, Drafting.

Daymar College, New Boston, OH
A.A in Business Administration, May 2005

Portsmouth West High School, West Portsmouth, OH
High School Diploma, May 2002

Scioto County JVS, Lucasville, OH
Engineering & I.T. Certificate, May 2002

WORK EXPERIENCE:

Clark Planetarium, Shawnee State University, Portsmouth, OH
Planetarium Operations Staff, June 2007 – March 2010

- Developed Astro-Photography for presentation.
- Collaborated with staff members on facility upgrades and show ideas.
- Worked with Dr. Timothy Hamilton on High-Energy Physics Research.
- Operated and maintained Konica-Minolta Media Globe Planetarium.
- Assisted K-12 students and teachers with Astronomy Q&A sessions.

RESEARCH:

"Calculating Ejecta Fields for Suspected Impact Craters"; 2008 Celebration of Scholarship Conference, (April 17, 2008), Shawnee State University, Portsmouth, OH

"Mineral Oxidation and Authigenic Polymorphism by Acidithiobacillus"; 2009 Celebration of Scholarship Conference, (ongoing research), Shawnee State University, Portsmouth, OH