

Ross W. Hirschfeld

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EDUCATION

BALDWIN-WALLACE COLLEGE, Berea, OH

Bachelor of Science, May 8, 2011

Majors: **Biology**
 Sustainability

Minor: **Geology**

Key Courses: Ecology, Molecular Biology, Plant Physiology, Microbiology, Zoology, Green Business, Humans and the Earth, The Dynamic Earth, Environmental Sociology/Politics/Geology, Statistics.

Projects: ◇ “*The Effects of Urbanization on Stream Health and the Biotic Community.*” Independent research project/senior biology seminar topic, presented to Biology Dept. faculty and students on April 11, 2011. Pending publication.
 ◇ “Resistance of *Staphylococcus aureus* when exposed to trace amounts of fluoroquinolones in poultry over time” presented to Microbiology class on April 28, 2010.
 ◇ Responsible for HVAC system assessment as part of a Sustainability Audit of The United Church of Christ Headquarters in Cleveland, OH; 2009.

EMPLOYMENT

SANDY ISLAND YMCA FAMILY CAMP, YMCA OF BOSTON

Sailing Director

Summer 2011, Sandy Island, Lake Winnepesaukee, NH (40 Hrs./Week)

- Recipient of *The Patterson Award* – Male Staff Member of the Year
- Developed a curriculum for adult and children sailing lessons
- Instructed children and adults in weekly sailing lessons
- Responsible for the maintenance and up-keep of a fleet of 9 vessels of 5 varieties
- A leading member of a team of 10 lifeguards, ensuring a safe and enjoyable beach/waterfront

HUNTLEY & HUNTLEY PETROLEUM GEOLOGISTS AND ENGINEERS INC.

Geology Department Intern

Summer 2009, Monroeville, PA (40 Hrs./Week)

- Catalogued hundreds of oil and gas well documents
- Organized pipeline and property maps
- Digitized financial statements
- Utilized GPS to map oil and gas well sites/pipeline locations
- Tabulated properties leased for oil and gas exploration/extraction

DEER VALLEY YMCA FAMILY CAMP, YMCA OF PITTSBURGH

Camp Counselor; Waterfront Staff; Lifeguard, Boat House Manager

Summers 2007 and 2008, Fort Hill, PA (~95 Hrs./Week)

- Worked as a part of a team of 8 lifeguards and 10 waterfront staff members to provide safety for campers of all ages using swimming area and 125-acre lake open to boating
- Facilitated and taught sailing lessons for 100+ children, ages 7-11
- Responsible for the maintenance and up-keep of waterfront property including boat house, beach-front, docks, sailboats, canoes, kayaks, rowboats, paddleboats and windsurfers
- Lead a team of staff members to create, organize, and implement weekly camp programs for a multi-age audience
- Coordinated with a camp staff of 40+ members to establish an enjoyable and exciting camp experience week-to-week and create lasting memories for campers
- Participated in a weekly variety show created and performed by the staff for adult campers; co-hosted and performed various skits, songs, and scenes

COMPUTER SKILLS

Proficient in:

- Microsoft Office Suite
- Sigma Plot
- Internet

HONORS

EAGLE SCOUT AWARD

The Boy Scouts of America, 2006

Project: Coordinated with the Pennsylvania Department of Conservation and Natural Resources and planted over 250 trees in order to connect two existing hiking trails and create a riparian zone for adjacent creek.

ACTIVITIES

Baldwin-Wallace College:

- Students for Environmental Awareness, 2009-2011
- Outdoors' Club, 2011
- Climbing Club, 2011
- Biology-League, 2008-2011