

A. C. Finnegan

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PROFILE

Recent college grad and biological science major with experience in project management and research. Demonstrated ability to collect and analyze complex data, communicate effectively, and work efficiently as part of a team.

EDUCATION

University of Notre Dame Notre Dame, IN
Bachelor of Science in Biological Science; Concentration in Psychology May 2015

RESEARCH AND PROJECT MANAGEMENT

University of Notre Dame, Department of Biology Notre Dame, IN
Research Assistant to Professor Stuart James 2013—2015

- Assisted in limnology laboratory research to evaluate chemical and biological processes and interactions of inland freshwater ecosystems
- Analyzed and interpreted chemical laboratory data for three separate research projects: ionic liquid toxicology, whole-lake carbon flow, and freshwater microbial DNA
- Developed various technical skills to analyze large data set collection including DNA/RNA extraction, chromatography, gene insertion/knockout, gel electrophoresis, and PCR
- Contributed to a paper: *Species Traits Can Contribute to Understanding in Aquatic Toxicology*

University of Notre Dame, Environmental Research Center Land 'O Lakes, WI
Field Lab Technician Summer 2014

- Gathered field data and performed laboratory analyses to quantify whole-lake carbon flow
- Independently designed, built, and monitored wetland corals to measure shoreline carbon flow

CLINICAL EXPERIENCE

St Joseph Medical Center South Bend, IN
Emergency Department, Volunteer 2012—2015

- Worked 4-hour rotations with nurses and physician assistants to help evaluate, diagnose, and treat emergency department patients; shadowed doctors and physician assistants

University of Notre Dame, First Aid Services Team Notre Dame, IN
EMT, Volunteer 2012—2015

- Developed technical proficiencies as well as teamwork, decision-making, and life-support skills to administer first aid at sporting events; earned an Emergency Medical Technician (EMT) certification

Unite for Sight Tegucigalpa, Honduras
Ophthalmological Assistant, Volunteer May 2013

- Assisted local ophthalmologists in providing care to patients in extreme poverty in remote areas
- Observed cataract removal and laser eye surgeries; distributed over 400 pairs of glasses

ADDITIONAL WORK EXPERIENCE

Purchase Day Camp Purchase, NY
Science Teacher—Taught campers to develop core skills and knowledge through hands-on learning Summer 2016

Life Guard—Taught American Red Cross swim and water safety classes Summer 2015

Counselor—Guided campers through daily activities; taught team building and sportsmanship Summer 2008—2012

EZ Tutoring Services Westchester, NY
High School Tutor (Chemistry, Physics, Psychology)—Prepared students for tests and Regents Exams 2015—2016

Computer skills: Microsoft (Word, PowerPoint, Excel) and SQL (Structured Query Language). Knowledge of Spanish. Graduated high school from Rye Country Day School, Rye, NY (2011).

LinkedIn: A. C. Finnegan

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