

A. C. Finnegan

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PROFILE

Recent college grad and biological science major with research, clinical, and teaching experience. Demonstrated ability to collect and analyze complex data, communicate effectively, and work efficiently as part of a team. Lab experience includes DNA/RNA extraction, chromatography, gene insertion/knockout, gel electrophoresis, and PCR.

EDUCATION

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

RESEARCH EXPERIENCE

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 related to large data set collection
- 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

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

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

TEACHING EXPERIENCE

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.

Date: September 10, 2016