

Cristina Niclas

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EDUCATION

Trinity College, Hartford, C.T. Spring 2019

Bachelor of Science in Biology - Concentration in Biomedical Sciences and Environmental Science

- **GPA:** 3.5
- **Awards:** Faculty Honors, Summit Scholar for Academic Excellence

University of St. Andrews, St. Andrews, Scotland (*Study Abroad*) Fall 2017

- Focused in courses related to the geochemistry and ecology of the Fife County Coastline

EXPERIENCE

Trinity College, Hartford, C.T.

Research Assistant – Environmental Science Department Spring 2016 - Present

- Conducted own independent research project, as well as contributed to a department project, within the Environmental Science Department
- Research focused on the collection and analysis of igneous rock samples, with the aim of determining their mineral compositions and thus reconstruction of the geological record from respective collection sites. Methodology included the creation of rock thin sections
- Partnered with the C.T. Coalition against Crumbling Basements to quantify & determine percent of pyrrhotite within homeowner foundations. Devised risk assessment guidelines for affected homeowners, aimed at determining potential factors and the degree of influence these factors played in concrete degradation

Biological Science Tutor Spring 2018 - Present

- Selected as a tutor for both Introductory Biology, Conservation Biology, Genetics, and Animal Physiology courses
- Held weekly/several tutoring sessions a week with assigned tutees covering the currently covered lecture material
- Assisted with test and quiz preparation

Teaching Assistant Spring 2016

- Selected as a teaching assistant for introductory biology laboratory courses
- Assisted in weekly laboratory preparation and cleanup, as well as aiding students during experimental procedures
- Extensive scanning and dissecting microscope use were included

Student Orientation Leader Fall 2016

- Selected as a student orientation leader for Trinity College's incoming class of 2020
- Led and advised a group of fifteen incoming freshmen in all facets of college life
- Underwent rigorous training in fields related to Title IX, Bystander Prevention, and mental health counselling

Odyssey Online, New York, N.Y. Spring 2015 – Summer 2017

Editor in Chief and Contributing Editor

- Led a team of twenty-five individuals in producing, publishing, and editing weekly lifestyle articles
- Ensured articles were submitted by an established time, prior to undergoing a rigorous editing procedure
- Conducted weekly check-ins with all team members and aided in the recruitment process

COMMUNITY INVOLVEMENT AND ORGANIZATIONS

Alpha Chi Omega Sorority

Vice President Ritual and Fraternity Appreciation & Life Time Member Spring 2017 -Present

- Co - founding member of Trinity College's Lambda Mu Chapter
- Spring - Fall 2018 VP Ritual and Fraternity Appreciation
- Participated in weekly executive board meetings to discuss the running of the chapter
- Created and led several key chapter events, assigning roles to participating committee members

Beta Beta Beta Biological Honors Society Spring 2017 - Present

- Qualifications for induction include the maintenance of a 3.0 GPA in all biological science courses, the taking of at least three biology courses, and continual good academic standing
- Member of the tutoring committee in which I held several volunteer, open tutoring sessions for introductory biology courses to the Trinity College community

Habitat for Humanity Fall 2013- Present

- Participated in numerous buildings days on both Long Island (N.Y.) and in Hartford (C.T.)
- Assisted in a variety of home-building and home-improvement tasks

Kennelly Middle School Mentoring Program Spring 2016 – Fall 2016

General Science Teaching Assistant

- Volunteered at Kennelly Middle School in Hartford, C.T., acting as a teacher's assistant for a seventh-grade science class

SKILLS AND TECHNOLOGIES

- Geographic Information Systems (ArcGIS 10.0 – 10.2)
 - Utilized in both independent research projects and for courses focused on research methodology
 - Highly proficient in editing, data conversion, data management, and geoprocessing
- R Programming Language
- Microsoft Office Suite (Excel, PowerPoint, Word)
- STELLA Architect
- Air, Water, and Soil Sampling Protocols & Techniques