

Christian Healy
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Education

Northwestern University, Evanston, IL.
Expected graduation June 2023 - Double major: Environmental Science and Film; minor in Spanish.

Hastings High School Hastings-on-Hudson, NY.

Work Experience and Community Service

01/2022-
Current **Research Assistant- Acoustic Ecology of Urban Bats,** Copenhagen, Denmark
Part of small team using bat detectors to monitor, track, and assess urban bat activity and usage of the city environment. The position requires conducting literature reviews, keeping a research journal, and presenting findings to local schools and the general public. Data collection is part of a larger baseline climate study focused on changing climate indicators and the impact of ecological trends on bat populations. Finally, the position facilitates the conducting of individual experiments and presentation of findings to others in the field.

06/2021-
Present **Elwha River Documentary Production,** Olympic National Park, WA
Wrote a project proposal that was awarded Northwestern's Summer Undergraduate Research Grant which to fund the creation of an independent documentary film focusing on fauna restoration of the Elwha River on the Olympic Peninsula following massive dam removal. Spent eight weeks researching and filming on location; tasks included outreach and successful involvement of local experts, conducting/filming interviews to showcase their knowledge, and traveling to different key locations and recording relevant fauna behavior. Currently editing over 25 hours of footage in hopes of producing a final 12-14 minute product by early 2022. Proficient with DSLR cameras, BlackMagic Pocket Cinema Cameras, audio equipment, and DJI drones.

10/2020-
06/2021 **Post-Production Assistant, Petunia Productions**
Created and implemented Audio Description scripts for two films, extending accessibility to those who are visually-impaired. Edited and created audio "scratch tracks" for the films using Adobe Premiere Pro.

06/2020-
01/2021 **Creator and Project Manager of Hastings for Clean Water, an initiative to fund a clean water well in Africa through the nonprofit organization charity: water**
Developed a business plan, coordinated collaboration with charity: water, constructed/ designed website, produced/edited promotional video, solicited donations, enlisted/secured corporate sponsorships, identified and partnered with a matching donor, designed promotional materials (logo), contacted local newspaper which led to feature article, successfully achieved \$10,000 fundraising goal. Well construction is due to begin in 2022 in Ivory Coast.

08/18

Researcher and Counselor at O'Seas Foundation Shark Camp, Montauk, NY

In conjunction with a two year science research class and winner of the Marjot Grant, worked to identify shark activity to identify 'nursery' classification in a designated area. Additional tasks included being a resident summer counselor, assisting in data collection, tagging of sharks, and other aspects of field work.

Publications and Productions

O'Connell, C., **Healy, C.**, Dayan, D., & He, P. (2021). The Use of Baited Remote Underwater Video Systems (BRUVS) to Non-Invasively Characterize a White Shark (*Carcharodon carcharias*) Nursery Area off Eastern Long Island, New York. *Marine Technology Society Journal* January-February 2021

Elwha River Documentary (placeholder title), C. Healy, 2022 - independent production

Accomplishments and Recognitions

- | | |
|-----------------------|---|
| Fall 2019,
Present | Dean's List, Northwestern University 4x |
| Spring 2021 | Recipient of Northwestern Summer Undergraduate Research Grant |
| Spring 2019 | Leason Ellis Team Project Award at WESEF Science Fair |
| Spring 2018 | Recipient of Marjot Foundation Grant |
| Spring 2018 | 1st Place in Animal Science Category at Westlake Science Fair |

Other Skills/Leadership/Interests

- | | |
|------------------|---|
| 2018-
Present | Computer Skills
Proficient in Adobe, Davinci and Microsoft programs. |
| 2014-
Present | Spanish Fluency
Extensive experience in both writing and speaking. |
| 2019-
Present | Co-President, Northwestern Wildlife Club , Northwestern University
In charge of club management, delegating responsibilities to the executive board, planning events and generating interest. Most recently organized an educational presentation with Crosstown Exotics which was attended by over 60 Northwestern students. |
| 2021-
Present | Geographic Information Systems
Growing toward proficiency with ArcMap and ArcGIS programs. |
| 2016-
Present | Photography / Videography
Proficient with DSLR cameras, Blackmagic cinema cameras, audio equipment and DJI drones. |

Relevant Coursework

First year Calculus sequence	First year economics sequence
First year Gen Chem sequence with labs	Film Media Construction
Genetics and Molecular Biology	Global Documentary History
Introduction to Sustainability	Analysis of Media Texts
Environmental Science - Humans and the Environment	Television History
Environmental Science - The Health of the Biosphere	Color Correction
Environmental Science - Earth: A Habitable Planet	(Spanish) Reading/Writing the Art of protest
Geographic Information Systems Level 1	(Spanish) Intro to Literary Analysis
Polar Biology (pending)	Literature in Latin America Since 1888
Biological Conservation and Biodiversity with lab (pending)	Nature, Violence and Ecocide in Latin America
Biology of Marine Mammals (pending)	
RA Acoustic Ecology of Urban Bats (pending)	