

# Natalia Backman

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385-268-8877

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## EDUCATION

Utah Valley University, Orem, Utah

B.S. in Biology, Minor in Chemistry

Graduated April 2020

Future: University of Utah, Salt Lake City, Utah

PhD in Molecular, Cellular, and Evolutionary Biology

Anticipated graduation April 2025

## RESEARCH EXPERIENCE

Ogden Lab: Evolution and Phylogenetics

Utah Valley University

April 2019-August 2020

Zahn Lab: Mycology and Bioremediation

Utah Valley University

August 2019-December 2019

Domyan Lab: Genetics

Utah Valley University

April 2019-August 2020

## WORK EXPERIENCE

Lab Manager:

Utah Valley University

July 2019-August 2020

Mentor: Dr. T. Heath Ogden

heath.ogden@uvu.edu

(801)735-1447

Internship:

Utah State Crime Lab

Spring 2020

Forensic Chemistry and Analysis

4 hrs./week

## PRESENTATIONS

Utah Conference for Undergraduate Research 02/07/2020

UVU Showcase: Bioremediation of Plastics by Aspergillus 12/05/2019

UVU Showcase: Evolution of Flight in Insects 12/04/2019

UVU Showcase: CRISPR/Cas9 Mutation of Melanogenic Genes 10/15/2019

UVU Showcase: Is Siphonuridae Monophyletic? 10/15/2019

## PUBLICATIONS

(\*in progress)

\*N. Backman, H. Ogden. Is Siphonuridae Monophyletic? Phylogenetic Relationships of Minnow Mayflies.

## SCHOLARSHIPS, AWARDS, AND FELLOWSHIPS

Scholarship/Award type	Date	Amount
UVU Showcase 2nd Place Award	10/16/2019	\$50.00
UVU URSCA Grant	11/14/2019	\$3,000.00
UVU SAC Grant	10/12/2019	\$3,216.00
UVU SAC Grant	09/26/2019	\$954.00
UVU SAC Grant	04/30/2019	\$3,000.00
<b>Total Funding Awarded</b>		<b>\$10,220</b>

## SERVICE

Service Mission, New York City

English Teacher, Nanjing, China

Science Fair Judge, Orem, Utah

August 2016-February 2017

August 2017-January 2018

March 2018