

Makenzie Kerr

830 1st Street SE
St. Petersburg, FL 33701
Sites.google.com/mail.usf.edu/makenzie-kerr/

Cell: (727) 851-1883
BurrowsM@mail.usf.edu

EDUCATION

Master of Science

May 2019

University of South Florida College of Marine Science

3.79 GPA

Thesis: DNA Barcoding of Fish Eggs

Major Advisor: Dr. Mya Breitbart

Bachelor of Science in Biology

May 2017

University of South Florida St. Petersburg (USFSP)

3.75 GPA - Magna cum laude

TEACHING EXPERIENCE

Oceanography Camp for Girls

May-June 2018, 2020

Taught ocean sciences to girls going into 9th grade

Mentored and inspiring young minds

Led field experiments and educational simulations

Biology I Lab

Spring 2020

University of South Florida St. Petersburg

This course teaches the core concepts of biology using worksheets, computer simulations, and hands on activities.

Girls Inc.

PROFESSIONAL EXPERIENCE

Lab Manager & Outreach Coordinator

May 2019-Present

University of South Florida College of Marine Science

Creating outreach activities for Dr. Mya Breitbart's lab

Transitioning lab spaces

Organizing lab equipment and starting new lab ordering procedure

DNA barcoding of fish eggs (developing new metabarcoding method)

Oceanography Camp for Girls Intern

January 2020-Present

Organizing and distributing camp materials

Developing social media posts and campaigns

Planning camp activities and training

Genomics Lab Technician

January 2017-May 2019

University of South Florida College of Marine Science

Advised and trained interns

Managed equipment and supply ordering

Genomics Lab Intern

September 2015-January 2017

Dr. Mya Breitbart

University of South Florida College of Marine Science

Performed PCR, gel electrophoresis, cloning, DNA extractions, agarose gel extractions, cleaned PCR products, designed PCR primers, etc.

Project: Sequenced genomes of the chelonid fibropapillomatosis-

Created a Media Guide and Community Benefit Report using Adobe Indesign and Photoshop for 4 consecutive years

SCUBAnauts International

November 2012-December 2014

St. Petersburg Chapter

Planned SCUBA diving trips

Assisted and participated in diving and data collection techniques

Presented marine science studies to 25 students

Aided in CPR, First Aid, AED, and oxygen administration training

Science National Honors Society

August 2012-June 2013

Inaugural Secretary & President

Seminole High School, FL

“Genomic Variation of the Fibropapillomatosis-Associated Turtle Herpesvirus,”
Makenzie Burrows, Elizabeth Fahsbender, Cheryl Morrison, Mya Breitbart

One week cruise in July 2017 & June 2016 doing CTD casts and filtering water

SKILLS

NAUI Open Water SCUBA certified
Adobe Photoshop, Illustrator & InDesign
Event planning & coordinating
Photography
Audacity

PRESS RELEASES

WTSP (2017, May 24). USF researchers pioneering new way to protect fish. <http://www.wtsp.com/mobile/article/news/usf-researchers-pioneering-new-way-to-protect-fish/51-442629157>

New, effective DNA method for discovering fish spawning grounds - USF College of Marine Science. (2017). <http://www.marine.usf.edu/news/new-effective-dna-method-for-discovering-fish-spawning-grounds>

Believe in Bulls (2019)
<http://news.usf.edu/article/templates/?a=8918&z=220>

Makenzie Burrows for received the inaugural Vembu Subramanian MSAC Award (2019)
<https://www.marine.usf.edu/student-awards-and-highlights/makenzie-burrows-for-received-the-inaugural-vembu-subramanian-msac-award/>

PROFESSIONAL DEVELOPMENT

USF Science Communication Workshop, November 2018
Tools in Science Communication Course, Fall 2018
Presentation Bootcamp, August 2017
USFSP Recruitment Panel, May, June 2017
National Association for Campus Activities - Disney Leadership Event, Orlando, FL, June 2016
National Association for Campus Activities Conference, Minneapolis, MN, Feb. 2015