

Biology Department Student Scholarly Work

Master's Student Internships

Andrew Rogitz
Heather Borsos
Ezra Dass

Master's Student Research

Bryson Menke
Diane Richardson

Undergraduate Student Publications

Botts RT, Apffel BA, Walters CJ, Davidson KE, Echols RS, Geiger MR, Guzman VL, Haase VS, Montana MA, La Chat CA, Mielke JA, Mullen KL, Virtue CC, Brown CJ, Top EM, Cummings DE. Front Microbiol. 2017 Oct 10;8:1922.

Undergraduate Honors Projects

Jonathan Abdala (Mentor: Dr. Walter Cho)
The Structure of Faunal Assemblages at Hannibal Bank Based on Imagery Data

Misa Sueyoshi (Mentor: Dr. Walter Cho)
A Study of the Diversity and Distribution of Arthropods at Hannibal Bank Based on Genetic and Imagery Data

Carley Coopwood and Meghan Campbell (Mentor: Dr. Mike Dorrell)
Expression and Purification of Mutant CPA for use in ADEPT Treatment of Cancer.

Undergraduate Student Presentations

THE RELATIONSHIP BETWEEN THE LUNAR CYCLE AND ACTIVITY PATTERNS OF NEOTROPICAL PREDATOR AND PREY SPECIES. Abner Rodriguez*, Timothy Wiegman, Wyatt Garley (Mike Mooring and Ryan Botts), Oral Presentation, WCBSURC, 2018.

ASSEMBLY AND SURFACE MODIFICATION OF VIRAL NANOPARTICLES FOR CHEMOTHERAPEUTIC DRUG DELIVERY. Ashley Julio*, Tom Roser*, Justin Morin, Madyson Ziegler (Kristopher J. Koudelka), Oral Presentation, WCBSURC, 2018.

COMPUTATIONAL ANALYSIS OF POPULATION ACTIVITY PATTERNS BASED ON CAMERA TRAP DATA OF NEOTROPICAL MAMMALS. TJ Wiegman*, Abner Rodriguez, Wyatt Garley (Mike Mooring and Ryan Botts), Oral Presentation, WCBSURC, 2018.

TARGETED CANCER THERAPIES; CREATING AND PURIFYING A MUTATED VERSION OF CARBOXYPEPTIDASE-A TO ACTIVATE CAPPED METHOTREXATE FOR USE IN ANTIBODY-DERIVED ENZYME PRO-DRUG THERAPY (ADEPT). Carley

Coopwood*, Meghan Campbell*, Charissa Gates, Amy Rausch, Eric Garcia, and Jordan Silva (Heidi Woelbern, and Mike Dorrell), Oral Presentation, WCBSURC, 2018.

THE STRUCTURE OF FAUNAL ASSEMBLAGES AT HANNIBAL BANK BASED ON IMAGERY DATA.

Jonathan Abdala*, Jack Marschke, Misa Sueyoshi, and (Walter Cho), Oral Presentation, WCBSURC, 2018.

A STUDY OF THE DIVERSITY AND DISTRIBUTION OF ARTHROPODS AT HANNIBAL BANK BASED ON GENETIC AND IMAGERY DATA. Misa Sueyoshi*, Jonathan Abdala, Sebastian Elsenbroek, Hannah Lee, and (Walter Cho), Oral Presentation, WCBSURC, 2018.

CHARACTERIZATION OF FOUR NOVEL ANTIBIOTIC RESISTANCE PLASMIDS FROM AN URBAN COASTAL WETLAND. Mariel Lensink*, Joseph Bravo*, Shelby Kenney, Lucas Ustick, Claudia Catilleja, Victoria Guzman, Samantha Hall, Jacob Henderson, Zach Lindsey, C. Joy Walters, Rachel Platz, Sarah Pyle, Celeste Brown, Eva Top, (Ryan Botts, and David Cummings), Poster Presentation, WCBSURC, 2018.

Undergraduate Student Research

Joshua Abaca
Jonathan Abdala
Audrianna Alonso
Elise Argue
Angelica Becker
Joe Bravo
Claudia Castilleja
Carley Coopwood
Alex Earle
Nathan Ellison
Sebastian Elsenbroek
Amy Eppert
Nicholas Fiorella
Eric Garcia
Michelle Garcia
Wyatt Garley
Charissa Gates
Yuendie Guridi
Alex Hamill
Jacob Henderson
Ashley Julio
Shelby Kenney
Taryn Kucey
Austin Kunishige
Hannah Lee
Mariele Lensink

Jonathan Locke
Megan Maronde
Sorcha McClees
Julia Monteagudo
Justin Morin
Sarah Pyle
Amy Rausch
Abner Rodriguez
Thomas Roser
Becca Salgado
Jordan Silva
Misa Sueyoshi
Sarah Victor
Timothy (TJ) Wiegman
Maryn Wunderly
Madyson Ziegler

Undergraduate Student Internships

Elise Argue
Hannah Benoit Bucher
Sara Bock
Tessa Cardinal
Jasmine El Bekraoui
Amy Eppert
Michelle Garcia
Megan Maronde
Alyssa Rifliato
Becca Salgado
Brandan Ward
Tessera Warholic