

Honors Projects

Michael Marcacci and Troy Kurz

Developing Model Systems to Study and Characterize Tumor Targeting Myeloid Progenitors for the Purpose of Designing Targeted Cancer Therapies

Jeff Hester

Assessment of the effects of heavy metal contamination on the health of the long-beaked common dolphin

Hannah Green

Behavioral Cues for Breeding Receptivity in a Female Jaguar (*Panthera onca*)

Trisha Stull

Apex Predators of Costa Rica

Doug Zuill

Exogenous isolation of mobile resistance plasmids from urban coastal wetlands

Summer 2011 Research

Barnett, Alexander

Barr, Angelica

Bennett, Weston

Bryce, Caleb

Donaldson, Halsie

Edgbert, Megan

Erskine, Colton

Fares, Austin

Geiger, Michael

Green, Hannah

Haase, Victoria

Heavey, Sean

Kelly, Hannah

Kendric, Kayla

Kurz, Troy

Lavenuta, Jenna

Marcacci, Michael

Matonis, Danielle

McGue, Caitlyn

Montano, Andrew

Rusing, Jack

Schale, Sarah

Schroeder, Kimberly

Shaw, Keeley

Tercero, Fidel

Tremblay, Jacob

Vasquez, Ruben
Villegas, Giovanni
Virden, Daniel
Walters, Joy
Woods, Amy
Zuill, Douglas

BIO499 Research

Bennett, Weston
Borgona, Timothy
Cornell, Caitlyn
Dahl, Ryan
Fares, Austin
Hernandez, Bradley
Hsu, Justin
Lavenuta, Jenna
Montano, Andrew
Rusing, Jack
Schroeder, Kimberly
Sheldon, Drew
Tremblay, Jacob
Vasquez, Ruben

Master's Theses

Michelle Baun

Using Case Studies for High School Students' Learning of Abstract Concepts in Molecular Genetics

Danielle Dwyer

Using Interview Data From Non-Major Biology Students to Improve the Conceptual Inventory of Natural Selection

Julie Gallagher

Identification of Alternative Conceptions held by High School Students Regarding Stem Cells and Stem Cell Research

Muriel Gross

Use of Biology Concept Cartoons to Assist Low-Performing Middle School Students in Their Understanding of Natural Selection

Ron Michelotti

Context-based Learning of Genetics by Means of Authentic Practice

Christy Porter

Use of Biology Concept Cartoons to Promote discussion of Cell Division Among High School Students: A Qualitative Study

Damien Vanderburg

Creating Cognitive Puzzlement in High School Biology Students: The Application of the Necessity Principle in Ecosystems Ecology

Student Presentations

Austin Fares, Ryan Dahl, Caleb Bryce, and Mike Mooring

Large Mammal Biodiversity in a Costa Rican Montane Cloud Forest (WCBSURC, April 2012)

Michael Geiger, Kimberly Schroeder, Victoria Haase, Jenna Lavenuta, Doug Zuill, and David Cummings

Self-transmissible antibiotic resistance plasmids in urban coastal wetlands (WCBSURC, April 2012)

Hannah Green, Robert Wiese, and Mike Mooring

Reproductive Behavior of Jaguars in Captivity (WCBSURC, April 2012)

Troy Kurz, Mike Marcacci, and Mike Dorrell

Creation and Characterization of an In Vitro and an In Vivo Model system to Characterize Tumor-Targeting Myeloid Progenitors (WCBSURC, April 2012)

Caitlyn McGue, Sarah E. Schale, Bradley H. Jacobsen, David N. Pratt, Noemi Delgado, Alyssa R. Scott, Brad G. Magor, David Traver, Dawne M. Page

Monitoring the Immune Response in Transgenic Zebrafish (WCBSURC, April 2012)

Trisha Stull and Mike Mooring

Apex Predators of Costa Rica (WCBSURC, April 2012)

Jacob Tremblay, Jack Rusing, and Mike Dorrell

Identifying Novel Combinations Of FDA Approved Angiostatics That Convey Synergistic Activity in a CAM Model of Glioblastoma (WCBSURC, April 2012)

Doug Zuill and David Cummings

Exogenous isolation of mobile resistance plasmids from urban coastal wetlands (WCBSURC, April 2012)

Publications

Master's Students:

Alvarado, Marissa & Maskiewicz, April. (2011). Teaching High School Physiology Using a Popular TV Medical Drama. The American Biology Teacher, 73(6), p.322-328.

Internships

Undergraduates:

Keeley Shaw (The Scripps Research Institute, laboratory of Dr. Martin Friedlander)
Ruben Vasquez (The Scripps Research Institute, laboratory of Dr. James Quigley)

Master's Students:

Charles Bushman (Biology Department, MiraCosta College)
Charles Bushman (Biology Department, Orange Coast College)
Grace French (Biology Department, San Diego City College)
Paul Ruiz (Biology Department, San Diego City College)
Paul Ruiz (San Diego Safari Park)
Joshua White (Biology Department, Mt. San Jacinto Community College)