

**From:** BRASSEUR, CANDACE  
**Sent:** Tuesday, April 22, 2014 10:18 AM  
**To:** BEUSCB\_ADJUNCT; BEUSCB\_FACULTY\_STAFF  
**Subject:** 2014 Research and Scholarship Day Winners

## **Congratulations to the 2014 Research and Scholarship Day Winners!**

### **Issue Based/Descriptive**

#### **First place:**

Jonathan Moonen

Preventing Ventilator-associated Pneumonia with Oral Care: An Evidence-based Practice Proposal.

#### **Second Place:**

Mason Deinema, Sean Kearns, and Edward D'Antonio PhD

Inhibition of *Trypanosoma cruzi* Glucokinase with 2,6-Dideoxy-2,6-Diamino-D-Glucose.

#### **Third Place (tie):**

Tyler Armstrong. Kelsey Billet, Giuliana Gusmaroli PhD

Isolation of genes encoding ion transporters and core cellular functions from gills of the Caribbean spiny lobster *Panulirus argus*.

Kelsey Billet, Tyler Armstrong. Giuliana Gusmaroli PhD

Isolation of several key osmoregulatory proteins involved in ion exchange/uptake across epithelial membranes and expressed in the gills of the oligohaline crab *Uca minax*.

### **Hypothesis-Driven**

#### **First place:**

Austin Mishoe, Swati DebRoy PhD

Estimating the effect of ezemetibe and interferon-alpha on Hepatitis C viral RNA in vitro.

#### **Second Place:**

Christopher Kehrner, Matt Hoover, Ashley Freeman, Justin Yost, Karl Brenkert, Michael Denson PhD, Eric Montie PhD

The family Scianidae and their propensity to produce sound to communicate and spawn.

#### **Third Place:**

Lauren Presnar

Variation in the distribution of a marsh snail between different forms of cordgrass.

### **Innovation/Application**

#### **First place:**

Ivana Simic and Brian Canada, PhD, Computational Science

AGREEQUENCE: A Crowdsourcing Game for Ranking of Images by Conceptual and Visual Similarity

**Second Place:**

John Hollingsworth, Brian Canada PhD

Using Graph Algorithms, Optimization, and Robots for Dynamic Day-Planning.

**Third Place:**

Nancy Farley

Clinical Alarm Management.

Joseph L. Staton, Ph. D.

Associate Professor of Biology/Marine Science

University of South Carolina

1 University Boulevard

Bluffton, SC 29909

Phone: 843-208-8105

Fax: 843-208-8294

"Ignorance more frequently begets confidence than does knowledge: it is those who know little, and not those who know much, who so positively assert that this or that problem will never be solved by science."

Charles Darwin