

## Oral Presentation Winners

### Category: Music, Art, Literature, Theater, History & Philosophy

#### First Place

Savannah Law

"The Talking Dead: The Rejection of Irish Idealism and the Cultural Appropriation of Rural West Ireland in Mairtin O' Cadhain's Cre' na Cille"

FAU Mentor: Julieann Ulin

Dorothy F. Schmidt College of Arts and Letters

#### Second Place

Stefka Kuneva

"Residential-Defensive Towers in the Balkans: Where Christianity and Islam Sheared Roof"

FAU Mentor: Vladimir Kulic

College of Design and Social Inquiry

### Category: Behavioral, Educational, & Social Sciences

#### First Place

Emaan Sulaiman

"Effect of Virtual Reality Headset for Pediatric Fear and Pain Distraction During Immunization – a Pilot Study"

FAU Mentor: Chad Rudnick

Charles E. Schmidt College of Science

#### Second Place

Laura Gomez

"How Do We Access the News"

FAU Mentor: Monica Escaleras

College of Business

### Category: Basic, Health & Medical Sciences

#### First Place

Vanessa Walters

"Protein Replacement Therapy to Rescue Neuronal Structural Defects Caused by Mutation of the Autism Risk Gene PTEN"

FAU Mentor: Monica Maldonado

Harriet L. Wilkes Honors College

#### Second Place

Sravya Gurivireddygar

"Economic Injustice in Health Insurance Premiums for Married Couples"

Co-Presenter: Christy Folk

FAU Mentor: Ashley Kennedy

Harriet L. Wilkes Honors College

### Category: Environmental, Ecological, & Marine Sciences

#### First Place

Zachary Lee

"Comparison of Floatation and Candling for Estimating Snowy Egret and Tricolored Heron Egg Age"

FAU Mentor: Dale Gawlik

Charles E. Schmidt College of Science

#### Second Place

Taylor Eccher

"Form-Finding Strategies through Elastic Grids"

FAU Mentor: Emmanouil Vermisso

College of Design and Social Inquiry

**Category: Engineering**

First Place

Andrew Silverstein

"Development of an Air Quality Monitoring UAS for Remote Sensing Applications"

FAU Mentor: William Hahn

Charles E. Schmidt College of Science

Second Place

Minh Nguyen

"A Microfluidic Approach for Nanoparticle-Assisted CO<sub>2</sub> Dissolution"

Co-Presenter: Charles Nighswonger

FAU Mentor: Myeong Kim

College of Engineering and Computer Science

**Category: Business, Marketing, Finance, Public Administration**

First Place

Jesse Darrow

"Incentivized Reviews: An Investigation of Online Consumer Review Bias"

FAU Mentor: Kanyebe Nur-tegin

Harriet L. Wilkes Honors College

Second Place

Kristopher Gasteratos

"A Presentation by the Cellular Agriculture Academic Society: Exploring the Prospects of Cellular Agriculture"

Charles E. Schmidt College of Science

**Poster Presentation Winners**

**Category: Basic Sciences**

First Place

Jonathan Rivera

"How Did I Get Here? Selective Activation of Head Direction Cells"

Co-Presenters: Joan Lora

FAU Mentor: Robert Stackman

Charles E. Schmidt College of Science

Second Place

Cecilia Nicholas

"Neuroendocrine Regulation of *C. elegans* Larval Development by Autophagy"

FAU Mentor: Kailiang Jia

Charles E. Schmidt College of Science

**Category: Behavioral, Educational, & Social Sciences:**

First Place

Vannia Arana

"The Influence of Language Proficiency on the Appraisal of Valence of Verbal Content in Spanish-English Bilinguals"

Co-Presenters: Caitlyn Montero, Idaly Velez-Urbe

FAU Mentor: Monica Rosselli

Charles E. Schmidt College of Science

Second Place

Max Schreiber

“The Effect on Temporary Inactivation of the Nucleus Reuniens Using Chemogenetic Methods on Spatial Working Memory”

Co-Presenters: Tatiana Viena

FAU Mentor: Robert Vertes

Charles E. Schmidt College of Science

**Category: Business, Marketing, Finance, Public Administration**

First Place

Hunter Smith

“Should an Innovator Embrace the Prototypical, Authentic, or the High-Design Form? Insights into Initial Perceptions of Functionality, Ergonomics, Hedonism, Self-Expression, Authenticity, and Information Search of Dune Buggy Product Design Forms ”

Co-Presenters: Danielle Gordon, Katherine Llanos

FAU Mentor: Allen Smith

College of Business

Second Place

William Fetzer

“Are Americans Financially Literate?”

Co-Presenter: Jennifer Armatrading

FAU Mentor: Monica Escaleras

College of Business

**Category: Classroom Research Project/Assignment**

First Place

Jessica Frank

“Drug Discovery in Class: In Silico Design of PCSK9 Inhibitors as Potential Cholesterol Lowering Drugs”

Co-Presenters: Elyse Jutte, Jesse Meacham

FAU Mentor: Maciej Stawikowski

Charles E. Schmidt College of Science

Second Place

Kerliza Foon

“Increasing Academic Levels Through Student Generated Questions”

FAU Mentor: Lori Dassa

College of Education

**Category: Engineering**

First Place

Hannah Herbert

“Protecting Civilians and Public Service Personnel through an Early Identification System for Airborne Chemicals: SEIAC”

FAU Mentor: Tricia Meredith

Charles E. Schmidt College of Science

Second Place

Vithulan Suthakaran

“Combating Oil Spills Through the Development of a Novel Autonomous Oil Skimmer Using Hydrophobic-Oleophilic Absorbent Mats via a Low-Cost Computer Module”

FAU Mentor: Javed Hashemi

College of Engineering and Computer Science

### **Category: Environmental, Ecological & Marine Sciences**

#### First Place

Danielle Bartz

“Diet and Temporal Partitioning by the Common Octopus and the Atlantic Longarm Octopus in a South Florida Habitat”

FAU Mentor: W.R. Brooks

Charles E. Schmidt College of Science

#### Second Place

Sabah Ali

“Song as an Aggressive Signal in the Bachman's Sparrow”

FAU Mentor: Rindy Anderson

Charles E. Schmidt College of Science

### **Category: Health & Medical Sciences**

#### First Place

Sean Casey

“Cytotoxic Effects of THP-1 Derived Macrophages Activated by Imiquimod on T47D Breast Cancer Cells”

Co-Presenters: Genevieve Liddle, Alberto Padilla

FAU Mentor: Dr. James Hartmann

Charles E. Schmidt College of Science

#### Second Place

Dawit Rumicha

“Enhanced CpG Activated Macrophage Killing of 3-Bromopyruvate Pre-treated 4T1 Breast Cancer Cells”

Co-Presenters: Liddle E

FAU Mentor: James Hartmann

Charles E. Schmidt College of Science

### **Category: Music, Art, Literature, Theater, History & Philosophy**

#### First Place

Sarah Rabinowitz

“Utilizing a Phenomenological Approach in Performance and Installation Art to Create a Social Consciousness of Disease Transmission”

FAU Mentor: Julie Ward

Dorothy F. Schmidt College of Arts and Letters

#### Second Place

Claudia Schmucker

“The Road to Redemption of a Conquistador: Álvar Núñez Cabeza de Vaca”

FAU Mentor: Dr. Yolanda Gamboa

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