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 Gurivireddygari
"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
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 CO2 Dissolution"
Co-Presenter: Charles Nighswonger
FAU Mentor: Myeong Kim
College of Engineering and Computer Science

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

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-Uribe
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 Hyrophobic-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  
Dorothy F. Schmidt College of Arts and Letters