

9th Annual Undergraduate Research Symposium

Oral Presentation Winners

Category: Basic Sciences

First Place: ***Joubin Jebelli***

Project Title: “Assessing the Therapeutic Potential of Novel Marine Products and Very Low Dose Radiation in Prostate Cancer”

FAU Mentor: Lyndon West

College: Charles E. Schmidt College of Science

Second Place: ***Deborah Thomas***

Project Title: “Synthesis and Characterization of Novel Fluorescent Probes for Visualization of Biological Membranes”

FAU Mentor: Maciej Stawikowski

College: Charles E. Schmidt College of Science

Category: Behavioral, Educational & Social Sciences I

First Place: ***Jeffrey Coltman-Cormier***

Project Title: “Desperate Times Call for Desperate Measures: How Border Fortification Intensifies Transnational Insurgents’ Violence Against Civilians”

FAU Mentor: Angela Nichols

College: Dorothy F. Schmidt College of Arts and Letters

Second Place: ***Cassidy Brydon, Aubrey Jones and Elizabeth Lanzon***

Project Title: “Online or Offline: Expressive Writing Administration Preferences for Non-Treatment-Seeking College Students”

FAU Mentor: Laura Vernon

College: Harriet L. Wilkes Honors College

Category: Behavioral, Educational & Social Sciences II

First Place: ***Abbey Peterman***

Project Title: “Uncovering Methods of Coercion through the Rhetorical Criticism of the Communist Manifesto”

FAU Mentor: Andrew Tinker

College: Dorothy F. Schmidt College of Arts and Letters

Second Place: ***Alexandria Remillard***

Project Title: “Defining Hate: A Content Analysis of the Nation’s Hate Crime Laws”

FAU Mentor: Seth Fallik

College: College for Design and Social Inquiry

Category: Business, Marketing, Finance and Public Administration

First Place: ***Alejandra Rodriguez and Anthony Vultaggio***
Project Title: "Political Divide and its Influence on Civic Engagement"
FAU Mentor: Monica Escaleras
College: College of Business

Second Place: ***Laura Bautista and Julia Gaglio***
Project Title: "Do Americans Feel Comfortable with the Advancements In Self-Driving Car Technology?"
FAU Mentor: Monica Escaleras
College: College of Business

Category: Engineering I

First Place: ***Genevieve Kunkel and Rosa Walls***
Project Title: "Carbon Dioxide and Ethanolamine Injection for Enhanced Oil Recovery"
FAU Mentor: Myeongsub Kim
College: College of Engineering and Computer Science

Second Place: ***Daniel Carvalho***
Project Title: "Micro-particle Laser Trapping for Optical Tweezers"
FAU Mentor: Grigoriy Kreymerman
College: Charles E. Schmidt College of Science

Category: Engineering II

First Place: ***Vithulan Suthakaran***
Project Title: "Developing a Biologically Based Artificial Leaf to Filter and Transform Carbon Dioxide Emissions into Oxygen via Photosynthesis"
FAU Mentor: Peng Yi
College: College of Engineering and Computer Science

Second Place: ***Matthew Trask, Kristian Murphy and Art Rozenbaum***
Project Title: "Pi VizuWall: A Low-cost, Parallel Compute Cluster"
FAU Mentor: Elan Barenholtz
College: Charles E. Schmidt College of Science

Category: Environmental, Ecological and Marine Sciences

First Place: ***Kaitlin Grell***
Project Title: "The Effect of High Nest Temperatures on the Growth Rates of Loggerhead Sea Turtle (*Caretta caretta*) Embryos and Hatchlings"
FAU Mentor: Sarah Milton
College: Charles E. Schmidt College of Science

Second Place: ***Brian Lages and Alexander Shaw***
Project Title: "Nickel Nanoparticles-assisted Monoethanolamine for Carbon Capture"
FAU Mentor: Myeongsub Kim
College: College of Engineering and Computer Science

Category: Health and Medical Sciences

First Place:

Mary Minore

Project Title: "Synthesis of Glycosylated Amino Acids Bearing Tumor-Associated Carbohydrate Antigen"

FAU Mentor: Mare Cudic

College: Charles E. Schmidt College of Science

Second Place:

Michael Correa

Project Title: "Effects of Resistance and Aerobic Training on Growth Factor Expression and B-amyloid in a Murine Model of Alzheimer's Disease"

FAU Mentor: Michael Whitehurst

College: College of Education

Category: Music, Art, Literature, Theater, History and Philosophy I

First Place:

Elizabeth Siwica

Project Title: "Abdul Ghaffar Khan and the Partition of India"

FAU Mentor: Douglas McGetchin

College: Dorothy F. Schmidt College of Arts and Letters

Second Place:

Nicholas Weid

Project Title: "Autobiographical Video Games: Essayistic, Independent, and Empathetic"

FAU Mentor: Stephen Charbonneau

College: Dorothy F. Schmidt College of Arts and Letters

Category: Music, Art, Literature, Theater, History and Philosophy II

First Place:

Yuri Sachnowski

Project Title: "The Place of the Body in Vladimir Solovyov's The Meaning of Love"

FAU Mentor: Richard Shusterman

College: Dorothy F. Schmidt College of Arts and Letters

Second Place:

Hannah Garcia

Project Title: "Zen and American Pragmatism: Western Individualist Misperceptions of Zen-Buddhist Ritual"

FAU Mentor: Kenneth Holloway

College: Charles E. Schmidt College of Science