**3-Minute Video Contest**

**3rd Place**

**Dissecting the Signaling Network of Plant Defense Hormone, *Methyl jasmonate***

Daniel Rincon Diaz

Sponsor: Dr. Lokdarshi

Biology

**2nd Place**

**Pilot Project for Future Experiential Learning: Building Raspberry Pi Clusters**

Walker Hayes and David Joyner

Sponsor: Dr. Xu

Computer Science

**1st Place**

**Limiting the Ecological Footprint of the Theatrical Industry**

Ella Risa Marroquin

Sponsor: Dr. Chalise Ludlow

Theater

**Poster Awards**

**College of Education**

**2nd Place**

**What Would You Do?**

**Surveying Breadth of a Social Experiment Television Broadcasting Program to Initiate Low-Risk Conversations on Diverse Socio-Cultural Perspectives**

Caleb I. Chaney

Sponsor: Dr. Lu

Teacher Education

**1st Place**

**Fostering Creative Thinking in a K-8 Enrichment Program**

Rosieana E. Johnson

Sponsor: Dr. Ophelie Desmet

Human Services

**College of Business**

1st Place

**The Analysis of a Burnout Effect on Nurses during Post-Coronavirus at Phoebe Organization**

Ayanna C. Newberry

Sponsor: Dr. Hackbarth

Management

**College of Arts**

**2nd Place**

**Women Overcoming Gender Norms in *The Queen's Gambit***

Jamie Collins

Sponsor: Dr. Nicole Cox

Mass Media

**1st Place**

**Rephotography: Valdosta State Athletics**

Madison C. Connolly

Sponsor: Lindsay Godin, MFA

Art and Design

**STEM**

**Math and Computer Science**

**Tie**

**A Study on the Unemployment Rates in the U.S. during the COVID-19 Pandemic by Using Topological Data Analysis and Persistence Theory**

Callie N. Reid

Sponsor: Dr. José Velez-Marulanda

Mathematics

**Tracking Change Over Time in a Reconstructed 3D Scene Using Multiple Monocular Videos**

Chase E. Vaughan

Sponsor: Dr. Radu Mihail

Computer Science

**Biology**

**A Novel Non-Invasive Method for Imaging Seeds in *(Arabidopsis Thaliana)* Siliques**

Brylie A. Ritchie

Sponsors: Dr. Lokdarshi and Dr. Uyeno

**PAGET**

**Tie**

**Measurements and Analysis of Vehicles Speed near Valdosta Middle School: A Collaborative Study between the VSU Engineering Program and the City of Valdosta**

Alexander P. Fouraker

Sponsors: Dr. Hojjatie and Mr. Larry Ogden (Valdosta Traffic Manager)

**Discovery of Copper-Catalyzed Click Chemistry Reaction Intermediates in Nanoreactor by Accelerated MD**

Walker Hayes

Sponsor: Dr. Shafat Mubin

**Overall STEM Award**

**Effect of the Mobile Phase in the Analysis of Anti-Arrhythmic Drugs Using High-Performance Liquid Chromatography**

Airionna S. Fordham

Sponsor: Dr. de la Garza

**Political Science and Psychological Sciences**

**2nd Place**

**2022 Georgia Gubernatorial Race: The Re-Election of Governor Brian Kemp**

Sarah D. Burch

Sponsor: Dr. James LaPlant

Political Science

**First Place**

**Abortion Policy across the 50 States**

Colette Lena Ireton

Sponsor: Dr. LaPlant

Political Science

**Humanities**

**Tie**

**How Language Anxiety Affects Second Language Acquisition**

Sarah Burbank

Sponsor: Dr. Victoria Russell

**Reflections of Classical Greece in Donna Tartt's *The Secret History***

Laura A. Northup

Sponsor: Dr. Theresa Thompson

**Sociology, Anthropology and Criminal Justice**

**2nd Place**

**Gender and Political Affiliation Effects on Views of Gun Control Laws**

Ashlin J. Overstreet

Sponsor: Dr. Anne Price

**1st Place**

**Abortion and the Current Political Climate**

Tori-Anne S. Chambers

Sponsor: Dr. Price

Sociology

**Best Paper Award**

**Tie**

**Wage Gap in the United States: What Factors Explain the Pay Gap Between Men and Women across the 50 States?**

Abigail G. Wilcher

Sponsor: Dr. LaPlant

Political Science

**Investigating the Effects of Algal Turbidity on the Mating System and the Reproductive Outcome of the Dwarf Seahorse (*Hippocampus zosterae*)**

Darshi N. Patel

Sponsor: Dr. Rose

Biology