UGRCAF Winners by category from each college. Congratulations to everyone who participated in the Fall 22 UGRCAF, we know we will see many of you again in the spring, so keep up the great research work!

**ORALS**

**Gunn College of Health Science and Human Services**

1st place Nicholas Hubbert O/2 Impact of Mindfulness Through Smartphone Application on Second and Fourth Semester Nursing Students nursing

2nd Place Morgan Holcomb O/1 Promoting Self-care Among Undergraduate Nursing Students Through the Use of a Behavior Change Project nursing

3rd place Kelsey Cardwell, Shyla Hill, Jenna McGowen, Madison Schreiber O/10 The Effects of Childhood Trauma on Adulthood social work

**Prothro Yeager College of Humanities and Social Services**

1st Place Emily Rowland O/3 Political Efficacy and Perceived Influence of Urban and Rural Residents political science

2nd Place Zetta Cannedy/ Addison Elliott O/4 Recent Trends in International Environmental Agreements: Declining or What? political science

**Dillard College of Business Administration**

1st Place Shainell Joseph O/5 I shouldn’t have helped you! A Qualitative Study of Resentment of Peer Helping Outside of Classroom and its Consequence. Marketing & management

2nd Place Gabriella Pettijohn, Austin Strode O/6 The Impact of State’s Balance of Payments with the Federal Government in correlation to American Voting Behavior economics

**McCoy of College of Science, Mathematics and Engineering**

1st Place Sharome Burton, Caleb Sneath Kuwin Wyke O/12 Autonomous Drones – Air and Ground–Based Collaborative Network computer science/engineering

2nd Place Nathalie Devoir, Chelsee Kirk O/11 Better Data Now: Creating and Evaluating New Standard set for X-ray Fluorescence Analysis geoscience

3rd Place Gillian Accord, Cahil Burlton, Kyle Hackett O/17 Automation of a Dual Planetary Gearing Transmission Using Control Mechanisms and a Programmable Logic Controller engineering

**PAPERS**

**Fain College of Fine Arts**

1st Place - Shelby Ochs PAPER/1 The Fallacy of the Shakespearean Heroine: Reimagining William Shakespeare’s “Othello” performance-theatre
POSTERS

Gunn College of Health Science and Human Services

1st Place  Ebany Hanna  Radiology  P1 Utility of Diagnostic X-Rays versus Computed Tomography (CT) for Imaging Skull Fractures  radiology

2nd place  Marissa McAllister, Bethany McCarthy, Alejandro Miller, Angeline Nyamapfumba  P2 Relationship between Childhood Trauma and Parenting Styles of New Parents  social work

3rd Place  Marianne Rangel, Giselle Espinoza, Hannah Pellikan  P3 Effects of Substance Abuse among College Students  social work

Prothro Yeager College of Humanities and Social Services/West College of Education Interdisciplinary

1st Place  Beatrice Perucchini  P4 Mindfulness Intervention for Sports Performance  psychology/counseling education

McCoy of College of Science, Mathematics and Engineering

1st Place  Victor Marchesi  P5 a Sentiment Analysis Over Vaccines on Social Media  computer science

2nd Place  Elijah Portmann, Isaac Sekanyo, Ernuel Tonge  P6 On the State-of-the-Art of Solar and Wind Energy Resources and Their Respective Storage and Transmission Methods  engineering

3rd Place  Shanaé Edwards, Kalyb Beaver, Alexandria Wester  P7 Design of a Viscoelastic Hydraulic System with Intrinsic Stiffness and Damping Ratio  engineering