

2021 Student Research & Creative Activity Spring Symposium

March 12, 2021 | 9 a.m. via Zoom

Competition Results

Session 1: Arts & Letters

- **First prize:** **Elizabeth Ruyak**, *Bob Dylan: An Ever-Present Ghost of Our Past, Present, and Yet to Come*
Communication Studies, Graduate
Faculty Mentor: Michele Foss-Snowden
- **Second prize:** **Mikaela Huang**, *Tracing the Implications of Homoeroticism in Henry James's Washington Square*
English, Graduate
Faculty Mentor: Nancy Sweet

Session 2: Arts & Letters

- **First prize:** **Ryan Hardy**, *CSUS Design Spring Showcase 2021*
Design, Undergraduate
Faculty Mentor: Lauren Kelly
- **Second prize:** **Andrea Yarletz**, *How the Black Lives Matter Movement Communicates empathy, division, and raises awareness*
Communication Studies, Graduate
Faculty Mentors: David Zuckerman, Shawna Malvini Redden, and Elizabeth Earle

Session 3: Education

- **First prize:** **Jennifer Krebsbach**, *Participation by Women in Behavior Analytic Journals*
Graduate and Professional Studies, Graduate
Faculty Mentor: Sherrie Carinci
- **Second prize:** **Celina Mendoza**, *Future Leaders: An Empowerment Training for Girls of Color to Combat Negative Stereotypes Affecting Behavioral Development and Implicit Cognition*
Graduate and Professional Studies, Graduate
Faculty Mentor: Sherrie Carinci

Session 4: Education

- **First prize:** **Horacio Corona Lira**, *College Academic Probation: An Empirical Test of Whether The "Wake-Up Call" Is Working*
Public Policy & Administration, Graduate
Faculty Mentor: Robert Wassmer
- **Second prize:** **Jaycie Wildermuth**, *Using the Biopsychosocial Model to Address Sexual, Religious Abuse and Emphasize Sexual Wellness in Recovery*
Graduate and Professional Studies, Graduate
Faculty Mentor: Rachael Marshall

Session 5: Biological Sciences

- **First prize: Emalee Ousley**, *Investigating the Relationship Between the Gut Microbiome and Host Thermal Tolerance in the Economically Important Red Abalone, Haliotis rufescens*
Biological Sciences, Graduate
Faculty Mentor: Lani Gleason
- **Second prize: Scott Whitman**, *Assessing patterns of coexistence of the vernal pool tadpole shrimp (*Lepidurus packardi*) and the California tiger salamander (*Ambystoma californiense*)*
Biological Sciences, Graduate
Faculty Mentor: Jamie Kneitel

Session 6: Biological Sciences

- **First prize: Joy Gaines**, *Identifying novel alleles using high-throughput sequencing for use in forensic investigation of the trafficking and poaching of American black bears (*Ursus americanus*)*
Biological Sciences, Graduate
Faculty Mentor: Lani Gleason
- **Second prize: Jason Peters**, *Use of Environmental DNA (eDNA) sampling and quantitative polymerase chain reaction (qPCR) for the detection of emigrating juvenile fall-run Chinook salmon (*Oncorhynchus tshawytscha*)*
Biological Sciences, Graduate
Faculty Mentors: Lani Gleason and Timothy Davidson

Session 7: Biological Sciences

- **First prize: Aliyah Penn**, *Bisphenol A differentially impacts neurodevelopment in *Drosophila melanogaster* from distinct genetic backgrounds*
Biological Sciences, Undergraduate
Faculty Mentor: Kimberly Mulligan
- **Second prize: Chloe Welch**, *Exposure to the Environmental Toxicant Polychlorinated Biphenyl-95 Affects Courtship Behavior and Axon Guidance in *Drosophila melanogaster**
Biological Sciences, Graduate
Faculty Mentor: Kimberly Mulligan

Session 8: Social Sciences & Interdisciplinary Studies

- **First prize: Kahni James**, *The Redemption of Abusive Supervisors in the Eyes of Their Subordinates over Time*
Management & Organizations, Graduate
Faculty Mentor: Tyra Ping Shao
- **Second prize: Sofia Delgado Zamora**, *Re-teaching Name- Face Relations to Adults Following a Brain Injury: A Pilot Study with Neurotypical College Students*
Psychology, Undergraduate
Faculty Mentor: Megan Heinicke

Session 9: Social Sciences & Interdisciplinary Studies

- **First prize:** **Eric Pennino**, *STEM Students Anxiety and Engagement with Online Instruction during Spring and Fall Semesters of 2020*
Biological Sciences, Undergraduate
Faculty Mentors: Sayonita Ghosh Hajra, Cathy Ishikawa, and Kelly McDonald
- **Second prize:** **Katherine Camsuzou**, *Comparing Grading Criteria for Readiness Assessment Tests: Accuracy Versus Credit/ No Credit*
Psychology, Graduate
Faculty Mentor: Megan Heinicke

Session 10: Engineering, Science & Math

- **First prize:** **Rashel Jacobo**, *Synthesis of Glycopolymers for Anti-HIV Activity*
Chemistry, Undergraduate
Faculty Mentor: Katherine McReynolds
- **Second prize:** **Kevin Nzenkue**, *Bisphenol A Differentially Impacts Neurodevelopment in *Drosophila melanogaster* from Distinct Genetic Backgrounds*
Biological Sciences, Undergraduate
Faculty Mentor: Kimberly Mulligan

Session 11: Engineering, Science & Math

- **First prize:** **Ahmed Saad**, *A Virtual Synchronous Generator Control Scheme for Gridconnected Inverters*
Electrical and Electronic Engineering, Graduate
Faculty Mentor: Mahyar Zarghami
- **Second prize:** **David Babchanik**, *Estimating Benefits and Costs of Stormwater Management*
Civil Engineering, Undergraduate
Faculty Mentor: Erik Porse

Session 12: Health & Human Services

- **First prize:** **Hennie Weiss and Celia Snow**, *Child Welfare and Commercially Sexually Exploited Children: Assessing for Exploitation Based on Risk Factors Using the SWAI (Social Worker Assessment Index)*
Social Work, Graduates
Faculty Mentor: Francis Yuen
- **Second prize:** **Bella Brown-Quigley**, *Hearing Status and Cognition in Gerontology Journals*
Communication Sciences & Disorders, Undergraduate
Faculty Mentor: Laura Gaeta

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