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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