

UNDERGRADUATE RESEARCH AND ARTS EXPOSITION 2021 AWARD WINNERS

ORAL PRESENTATIONS

BEST EXPO ORAL PRESENTATION AWARD: Anna Davis, "Vesicle-Based Sensors for Extracellular Potassium Detection" \$500

THE EXPERIENCES/CHALLENGES OF LIVING PANEL:

1st PLACE: Emily Holtzman, "Objects of Influence: Sacrality and Native American Material Culture Across Five Contexts" \$100

2nd PLACE: Chloe Wong, "Radical Caring: A Qualitative Study on the Role of Frontline Workers in Eradicating Gender-Based Violence in Asian American Communities" \$75

3rd PLACE: Ginny Ip, "The Impact of Climate Change on Energy Poverty: Evidence from the European Union, 2004-2019" \$50

THE IMPACT OF HEALTH AND EDUCATION PANEL:

1st PLACE (TIE):

Karina Aguilar, "Maternal Education and Pediatric Nutrition in Guatemala: Questioning the Role of Maternal Health Knowledge and Practices" \$100

Catherine Xu, "Psychosocial and Nutritional Health Consequences of Dam Construction in Makeni County, Kenya" \$100

3rd PLACE: Rachel Okine, "The Time Is Now: Assessing Fertility Knowledge in Undergraduate Students" \$50

ADVANCES IN SCIENCE AND ENGINEERING PANEL:

1st PLACE: Izabela Stankiewicz, "Development and Assessment of a Hydrocephalus Shunt Flow Monitor" \$100

2nd PLACE: Henry Abrahamson, "Performance Testing of Accelerated Dynamic Average Consensus" \$75

3rd PLACE: Catherine Walker, "Energy Generation by Saltwater Motion on Metal Nanolayers" \$50

UNDERSTANDING OUR WORLD PANEL:

1st PLACE (TIE):

Akie Kadota, "The Effect of Remote Learning on Secondary Ensemble-Based Music Education" \$100

Louis Ingram, "From the Source's Mouth: The Effect of an Author's Racial Identity on Source Credibility Judgments" \$100

3rd PLACE: Olufemi Nyabingi, "Does Joint Engagement Relate to Toddler's Language Abilities Even in Diverse Home Environments?" \$50

MOST POPULAR/AUDIENCE CHOICE: Aran Mehta, "The Hindu Rashtra Meets Dar al-Islam: The Impact of Hindu Nationalism on India's Relations with Muslim-Majority Countries" \$100

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2021 AWARD WINNERS
POSTER PRESENTATIONS

BEST EXPO POSTER PRESENTATION AWARD: Finn Wintz, "It's Just a Color of the Skin:" How Black and White Parents Justify Racial Sameness Perception" \$500

SOCIAL SCIENCE AND JOURNALISM

1ST PLACE: Desmond O'Shaughnessy, "Efficacy of Rainfall Index Insurance as an Agricultural Risk Mitigation Tool: Evidence from Northern Ghana" \$100

2ND PLACE (TIE):

Madelyn Moy, "The Gut Microbiome and Immune Function During Pregnancy in Cebu, Philippines" \$75

Meghna Gaddam, "Homeless Menstruation: A Construction of Embodied Experiences and a Breakdown of Psychosocial Issues" \$75

3RD PLACE (TIE):

Courtney Goldenberg, "Exercise Motivations and Outcomes Among Women: The Roles of Body Surveillance and Appearance Comparisons" \$50

Jack Ferry, "The Impact of Unemployment, Income, and Cash Transfer Payments on Suicide: Evidence from the U.S. and Alaska, 1976-2019" \$50

NATURAL SCIENCES AND ENGINEERING

1ST PLACE Nathan Schimpf, "Investigating the Effect of Intracortical Microstimulation (ICMS) in Brodmann's Area 2 Using Topographical Variational Autoencoding (VAE) Models" \$100

2ND PLACE: (TIE):

Johanna Kann, "Rapid and Robust Pipeline for Bacterial Organelle Assembly Analysis" \$75

Michelle Kee, "An Investigation of Infant Neuromotor Development through Proximal and Distal Arm Joint Movements" \$75

3RD PLACE: Jingxuan Gong, "Comparison of Approaches for Estimating Regional Hemodynamic Timing Differences in BOLD-fMRI Data" \$50

ARTS, HUMANITIES, AND PERFORMANCE

1ST PLACE: Gabrielle Plotkin, "Renewing and Recycling: The Formation of American Jewish Environmentalism in the 1970s and 1980s" \$100

MOST POPULAR/AUDIENCE CHOICE: Adia Fielder, "'Nasty Names' Black Adolescent Discussions of Sexuality" \$100

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CREATIVE ARTS FESTIVAL

1st PLACE: Peach (Ganpicha) Sahasakul – *My Mother Fleed to the Submerged Palace* (Animated Short Film) \$100

2nd PLACE: Juyoung Choi and Saad Ejaz – *Home to Home: How a Yemeni Refugee Found Love in South Korea* (Documentary Film) \$75

3rd PLACE: Erin Zhang – *These Days* (Animated Short Film) \$50

MOST POPULAR/AUDIENCE CHOICE: Xinyuan (Joyce) Pu – *A Flower Explodes* (Staged Reading) \$100