



36th Annual Student Research Forum – Award Winners 2021-2022



Student Winner	Presenting School	Poster Title	Department Sponsor
Julie Ressalam	Public Health	Medical Aid in Dying in Colorado: A Targeted Survey of Physician's Attitudes and Experiences	Anschutz Medical Campus Interdisciplinary Funds - Colorado School of Public Health
Kayvon Jabbari	Medicine	Macromastia and Reduction Mammoplasty: Analysis of Total Cost of Care and Opioid Consumption at 10-Years Post-Operatively	Anschutz Medical Campus Interdisciplinary Funds - School of Medicine
Tien Nguyen, Folake Adegboye Nathan Ewing	Medicine	Exploring Community Member Experiences with Mental Health Care in Order to Improve Medical Education.	Anschutz Medical Campus Interdisciplinary Funds - School of Medicine
Monica Bianchini	Pharmacy	Impact of High-Dose vs Standard-Dose Influenza Vaccine on Respiratory-Related Hospitalizations: A Fuzzy Regression Discontinuity Design	Anschutz Medical Campus Interdisciplinary Funds - Skaggs School of Pharmacy and Pharmaceutical Sciences
Erin Hirsch	Graduate	Significance of a Shared Decision-Making Consultation on Lung Cancer Screening Efficacy	Anschutz Medical Campus Interdisciplinary Funds - The Graduate School
Meghan Kellett	Graduate	Nucleolar pY397 FAK drives growth and survival in thyroid cancer	Anschutz Medical Campus Interdisciplinary Funds - The Graduate School
Marisa Sobczak	Medicine	Glycemic Control in Relation to Technology Use in a Single Center Cohort of Children with Type 1 Diabetes (T1D)	Barbara Davis Center for Diabetes



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Michael Nash	Graduate	Predisposition to NAFLD by Maternal Western Diet Involves Loss of Reparative Macrophages and Antioxidant Activity in Non-obese Juvenile Non-human Primates.	CCTSI
Melissa Carpenter	Medicine	Morphology Features of the Calcaneus and Arch Height in Patients with Insertional Achilles Tendinopathy	Center for Children's Surgery
Shea Shipton	Medicine	Preoperative hemoglobin is key indicator for mortality in cardiothoracic surgery	Department of Anesthesiology
Dillon Boulton	Graduate	The role of MIRO2 in tumor cell invasion and metastasis.	Department of Dermatology
Megan Stumpf	Medicine	Breaking B Cell Anergy: Exploring “Redemption” Cocktails	Department of Immunology and Microbiology
Austin Jolly	Graduate	The Epigenetic Remodeling Protein Brg1 is implicated in Vascular Progenitor Cell Contribution to Pathological Vascular Remodeling and Fibrosis.	Department of Medicine - Division of Cardiology
Lorraine Davis	Graduate	MYC Inhibition Overcomes IMiD Resistance in Heterogeneous Multiple Myeloma Populations	Department of Medicine - Division of Hematology
Hannah Hicks	Graduate	The Role of a More Invasive Phenotype in Response to MAPK-Directed Therapies in Thyroid Cancer	Department of Medicine - Division of Medicine Oncology
Vivian Lu	Medicine	Risk Factors and Outcomes of Delayed Presentation of Diabetic Retinopathy Patients to a County Hospital	Department of Medicine - Endocrinology Division
Theresa Welle	Medicine	The role of mRNA translation in homeostatic plasticity of inhibitory synapses	Department of Neurology



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Shaquia Idlett-Ali	Medicine	Assessment of spinal cord stimulation-based modulation in the spontaneous hyperexcitability model of neuropathic pain	Department of Neurology
Yaswanth Chintaluru	Medicine	Using an augmented reality neurological case study to expand access to neurosurgical education for medical students	Department of Neurology
Katherine Smulligan	Graduate	Physical Activity Predicts Kinesiophobia at Return to Play for Athletes with Persistent Post-Concussion Symptoms	Department of Neurology
Gabriella Mayne	Other	Neurosteroids and Steroid Hormones in Preterm Birth	Department of Neurology
Michaele Francesco Corbisiero	Medicine	Patient Insurance and Access to Obstetrics and Gynecology Subspecialists: Findings from a National Mystery-Caller Study in the United States	Department of Obstetrics and Gynecology
Sarah Seiwald	Medicine	Human Breast Milk Enhances Cellular Proliferation in Corneal Wound Healing	Department of Ophthalmology
John Schutz	Medicine	Establishing the Role of Inflammatory Markers in the Diagnosis and Treatment of Acute Hand Infections in the Pediatric Population	Department of Orthopedics
Laura Campos	Graduate	The Relationship Between Hearing Aid Use and Falls in Elderly Individuals with Sensorineural Hearing Loss	Department of Otolaryngology
Satya Raj Trikha	Medicine	Prevalence of Obstructive Sleep Apnea in Collegiate Football Players at Colorado State University	Department of Otolaryngology



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Andrew Mariotti	Medicine	Patient and Operational Outcomes of Propofol Sedation versus Fentanyl, Versed and Diphenhydramine Sedation for Endoscopies and Colonoscopies at an Academic Medical Center	Department of Pharmacology
Allison Dubner	Graduate	Role of smooth muscle-derived vascular progenitor cells in atherosclerosis	Department of Physiology & Biophysics
Amanda Otamendi	Public Health	Characterization of Centers for Disease Control and Prevention Communications via Social Media Regarding the COVID-19 Pandemic and Effects on Public Engagement and Response.	Department of Psychiatry
Rebecca Henkind	Medicine	Left Out in the Cold: Homicide Amongst Persons Experiencing Homelessness	Department of Psychiatry
Jason Sidrak	Medicine	Review of American Board of Surgery In-Training Examination Scores to Modify Didactic Curriculum: A Preliminary Analysis	Department of Surgery
Brenda Seymour	Graduate	Indole Promotes Collagen Induced Arthritis through Enhanced Th17 Immunity	Division of Rheumatology
Salina Haville	Medicine	Evaluating Transitions from Pre-Rheumatoid Arthritis to Clinically-Apparent Inflammatory Arthritis	Division of Rheumatology
John Hesling	Medicine	Characterizing Pediatric Supermassive Transfusion and the Contributing Injury Patterns in the Combat Environment	Emergency Medicine
Brian Carter	Medicine	Ulceration, What's the GIST?	Gates Center for Regenerative Medicine



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Thy Nguyen	Medicine	Effects of a Eucaloric High Fat Diet on Anterior Pituitary Trophic Hormones, their Targets and Adipocytokines in Normal Weight Women	Ludeman Family Center for Women's Health Research
Scott Tilden	Graduate	Toxic of Helpful? Exploring the Body's Response to Virus-Like Nanoparticles	Neurotechnology Center
Adom Netsanet	Medicine	Antenatal Betamethasone Preserves Lung Structure and Function and Prevents Pulmonary Hypertension in Chorioamnionitis-Induced Bronchopulmonary Dysplasia	Pediatrics Neonatology