

Second Annual Medical Student Research Showcase

August 22, 2024

1st Floor, Davis Global Center (DGC)

Medical Student Presentation Schedule

Presenting 12:00 -12:45

Student Presenter	Project Title	Research Location Department/ College
Morgan Penry	A Characterization of Heat-Related Deaths during Drought and Non-Drought Conditions - Conterminous United States, 2000-2018	Public Health
Blasé Rokusek	HoTDAM! An Easy-to-Use Automated Assay Expands the Inducible Thermotolerance Phenotype in Drosophila melanogaster: Heat Hardening Reduces Motility	University of Nebraska - Biology
Anna Haggart	Transient Neonatal Zinc Deficiency: It's in the Milk	Dermatology
Bailey Anderson- Newsome	A Survey of Physicians on the Knowledge and Perception of Climate Change's Impact on Healthcare	Environmental, Agricultural, and Occupational Health
Sarah Maki	Pott's Puffy Tumor with Intranasal Opioid Use	Infectious Disease
Logan Baumberger	Hepatosplenic T-cell Lymphoma Diagnosis & Management in Middle-Aged Adults	Internal Medicine
Grace Heithold	Blastomyces dermatitidis Cervical Spine Osteomyelitis and Paraspinal Abscess in Nebraska	Internal Medicine
Nathaniel Singh	Awareness and Acceptability of DoxyPEP Among Patients with and at Risk for HIV	Internal Medicine
Lauren Jacobsen	Disseminated Mycobacterium Bovis with Prosthetic Joint Infection	Internal Medicine
Sarah Uhm & Kari Havyer	Extrapulmonary Osteoarticular and CNS Tuberculosis: A Case Report	Internal Medicine
Megan Kerns	Effect of pre-Hematopoietic Cell Transplant Frailty on post-Transplant Quality of Life in Older Adults	Internal Medicine
Jeffrey Garvey	Novel Cast-saw Alarm System Reduces Blade-to-Skin Contact in a Pediatric Upper Extremity Model	Orthopedic Surgery and Rehabilitation
Taylor Pitzl	An Exploration of Long-term Healthcare/Skilled Nursing Facilities in Nebraska that are Licensed to Accept Patients with Tracheostomies	Otolaryngology
Noha Alghahimi	A Framework for Needs Assessment of the Transition from the Hospital to Post-Hospital Care Following Tracheostomy	Hospital Medicine & Otolaryngology
Sydni Springer	Medical Complexity of Patients with a Tracheostomy throughout Transition from Pediatric to Adult Care	Otolaryngology
Duncan Works	Describing the Course for Tracheostomy Placement for Intensive Care Patients	Otolaryngology
Joe Kleinsmith	Rhinologic Grading Systems and their Utility in Predicting Progression to Sinus Surgery	Otolaryngology
Jenny Song	Adaptability of Decision-making to Reward Volatility in Children with Externalizing Psychopathology	Psychiatry

Presenting 12:50-1:35

Student Presenter	Project Title	Research Location Department/ College
Heather Richard	A Rare Case of Acute Pancreatitis in a Pediatric Patient with Bifid Pancreatic Tail	Pediatric Gastroenterology, Hepatology and Nutrition
Alicia Phillips	Disparities in Care in the Pediatric Emergency Department in Patients with Asthma	Pediatrics
Anita Zhou	Heterozygous Mutations in the COL4A3 Gene Resulting in Alport Syndrome: A Case Study	Pediatrics
Max Regester	Pearls for Surgical Dermatology: Common Sense Solutions for Common Problems	Internal Medicine
Kelly Andrianu	Exploring the Impact of Sodium-Glucose Cotransporter-2 Inhibitors on Genitourinary Toxicities in Prostate Cancer Patients Undergoing Radiation Therapy	Radiation Oncology
Kiersten Preuss	RadioGWAS Links Radiome to Genome to Discover Driver Genes with Somatic Mutations for Heterogeneous Tumor Image Phenotype in Pancreatic Cancer	Radiation Oncology
Jay Byrd	Two Hydatid CYSTer Cysts of the Liver: Radiologic Evaluation and Management	Radiology
Matthew Schefcik	Aorto-Psoas Abscess- A Rare Complication of Mycotic Aneurysm	Radiology
Trenten Theis	FULL CIRCLE - A Large Type II Endoleak After Endovascular Aneurysm Repair of Abdominal Aortic Aneurysm Successfully Treated with Endovascular Embolization	Radiology
Courtney Doherty	Exoscope-Assisted Cleft Palate Repair: Early Experience and Outcomes	Surgery
Andrew Minchow	Superomedial Reduction Mammoplasty: a Lateral Pillar Modification Described with Improved Aesthetic Outcomes	Surgery
Uyen Tran	Landscape of U.S. Academic Surgery Departments in Corporate Medicine Era: Federal and Industry Funding, Academic Output, and Institutional Revenue Analysis	Surgery
Shalmali Mirajkar	Evaluating the Association Between Preoperative Personality Assessment Scales with Postoperative Metabolic Surgery Outcomes	Surgery
Madeline Helm	A Systematized Review Evaluating the Effects of Vasectomy on Male and Female Sexual Function and Satisfaction	Surgery
Margarita Pipinos	Blood Letting as an Ancient Cure for an Unusual Manifestation of Polycythemia	Surgery
Bria Foley	International Medical Graduates Matching into U.S. General Surgery Residency: 30-Year Match Trends	Surgery
Jordan Rasmussen	The Neurodegenerative Role of Cholinergic Proteins in Transgenic Human Tau Mice	Neurological Sciences
Emily Ehsan	Effect of Various Culprit Drugs on Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS)	Dermatology