

Short Term Research:

Emily Kennedy, MS2*

Title: "Effects of Auranofin on Txnip and Pro-inflammatory Pathways in Alveolar Macrophages"

Mentor: Trent Tipple - Pediatrics, Neonatology

Richard Seeber II, MS2

Title: "Identification and Elimination of Porcine Glycan Xenoantigens: An Intermediate Report"

Mentor: Joseph Tector - Surgery

Zachariah Pinter, MS3

Title: "Posterior Capsular Release: Neurovascular Structures at Risk"

Mentor: Sameer Naranje - Division of Orthopedics

Priyanka Patel, MS2

Title: "Race Does Not Affect Length of Stay in Colorectal ERAS Patients with Post-Operative Complications"

Mentor: Gregory Kennedy - Gastrointestinal Surgery

Johnston Moore, MS2

Title: "Impact of Glucose Control and Regimen on Limb Salvage in Patients Undergoing Vascular Intervention"

Mentor: Benjamin Pearce - Division of Vascular Surgery and Endovascular Therapy

Jonny Neilson, MS2

Title: "Serotonin Mediated Neuro-Intestinal Regulation of Immune Development"

Mentor: Colin Martin - Pediatric Surgery

Intermediate Term Research:

Heather Minton, MS3

Title: "Thoracic Outlet Syndrome Surgical Decompression in Adolescents"

Mentor: Brent Ponce - Orthopaedics

Kathryn Hudak, MS4*

Title: "Post-Discharge Opioid Utilization after Colorectal Surgery is Modified by ERAS Pathways"

Mentor: Daniel Chu - Gastrointestinal Surgery

Stephen Gragg, GS3, MSTP

Title: "Circulating MicroRNAs and Multiple Myeloma: A systematic review"

Mentor: Elizabeth Brown - Pathology

Long Term Research:

Ryne Ramaker, GS3, MSTP

Title: "Transcription factor binding at high occupancy target regions is driven by a small number of DNA sequence-specific interactions"

Mentor: Richard Myers - Genetics

Morgan Locy, GS4, MSTP*

Title: "Protein Oxidative Tyrosine Cross-linking Disrupts Cystic Fibrosis Mucus Viscoelastic Dynamics"

Mentor: Victor Thannickal - Medicine - Pulmonary, Allergy, Critical Care

Vincent Laufer, GS5, MSTP

Title: "Enabling Precision Medicine in Rheumatoid Arthritis through Prioritization of Genetic Variants in the AFF3 Locus"

Mentor: Lou Bridges – Rheumatology

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