

Conference Program

**Medical Student
Research Conference
September 13-14, 2023**

University of Iowa
Roy J. & Lucille A. Carver College of Medicine

**Sponsored by:
Medical Student Research Council**

Free to University of Iowa Students

Medical Student Research Conference

Welcome to the 59th Annual Carver College of Medicine Student Medical Research Conference. This Conference provides an opportunity for medical students who have conducted research to present their results, receive feedback, and compete for awards.

September 13, 2023

- 8:00 - 10:00 AM Concurrent Oral Presentations
1117, 2123, 2126, 2135, 2136, 2155, 2165, 2166, 2189 MERF
- 12:00 - 12:50 PM Poster Session #1
Medical Student Poster Presentations in MERF Atrium

September 14, 2023

- 12:00 - 12:50 PM Poster Session #2
Medical Student Poster Presentations in MERF Atrium

September 15, 2023

Awards Ceremony and Banquet

- 5:30 - 7:30 PM Keynote Speaker, Award Presentations and Banquet Dinner
Prem Sahai Auditorium and MERF Atrium

Keynote Speaker

Kyle Brown, MD, MSC

Professor of Internal Medicine-Gastroenterology and Hepatology
Professor of Radiation Oncology

For student presenters and research mentors

Awards

There are several Research Day awards, including five Foundation Awards given to outstanding oral and outstanding poster presentations, and departmental and college sponsored general awards given to the top oral and poster presentations in eligible categories.

Foundation Awards

The Borts Award

The Borts Award was established by the Alpha Psi Chapter of Alpha Kappa Kappa Medical Fraternity in 1974 to honor I.H. Borts, a graduate of the University of Iowa College of Medicine and long-time supporter of the AKK. He is a distinguished scientist who has long been associated with the State Hygienic Laboratory. As a student he was influential in founding the Alpha Psi Chapter and for over thirty years remained one of their most loyal alumni. This award is open to all students.

The Edward Heath Award

In honor of Edward Heath, this award recognizes outstanding medical research. As Professor and Chairman of the Biochemistry Department at the University of Iowa, Heath was an outstanding example of a physician-scientist and supported excellence in research. His commitment to excellence was exemplified by the quality of research done in his laboratory as well as the many years spent teaching students. This award recognizes the student whose performance best represents outstanding achievement in the laboratory and the ability to communicate that achievement. All students will automatically be considered for this award.

Melvin Marcus Clinical Research Award

This award was originally established as the Iowa Student Medical Research Club (ISMRC) Award in 1989. We are honored to dedicate this award to the memory of Melvin L. Marcus, faculty supervisor of the ISMRC for over a decade. Marcus was instrumental in maintaining the club as an integral part of the University of Iowa research community. Marcus was also actively involved in clinical research and teaching of students, both in the laboratory and on the wards. He was frequently honored by his colleagues for his achievements. In keeping with this tradition, the Marcus Clinical Research Award is presented to the student whose presentation reflects outstanding work performed within a clinical area involving intact organ physiology. This prize is open to students involved in such research.

François M. Abboud Prize for Best Platform Presentation

This award was established in 2017 to honor Dr. François Abboud for his overall contributions as a research mentor and scholar. Abboud was instrumental in creating the research mentorship environment for medical students in the Carver College of Medicine from the time he joined the faculty in 1960. Abboud is known for his excellence in guiding students and colleagues in the principles of research. This award recognizes the student whose performance best represents outstanding communication in a podium presentation.

Donald D. Heistad Prize for Best Poster Presentation

This award was established in 2017 to honor Donald Heistad who, along with Abboud, established the collaborative research and mentorship environment that has become a hallmark of the Carver College of Medicine and medical student experience. Heistad took the mentorship experience he received working with Abboud and developed his own style, always making time to work with students and discuss research ideas. This award recognizes the student whose performance best represents outstanding communication in a poster presentation.

Global Health Programs

The Global Health Program will sponsor an award for Excellence in Global Health research. The award will be designated for the best poster or oral presentation by a medical student in the field of Global Health.

Departmental Awards

ANATOMY AND CELL BIOLOGY

The Department of Anatomy and Cell Biology will sponsor an award for *Excellence in Anatomy and Cell Biology Research* for the best poster or oral presentation by a medical student in the discipline of anatomy and cell biology.

ANESTHESIA

The Department of Anesthesia will sponsor two awards; the *Margaret V. Lunsford Award for Research in Anesthesia* and the *Excellence in Basic Science Research* for the best oral or poster presentation by a medical student doing research in anesthesia.

BIOCHEMISTRY

The Department of Biochemistry will sponsor The *Arthur A. Spector Award in Basic Biomedical Research* for the best oral or poster presentation by a medical student doing research in biochemistry.

CARDIOTHORACIC SURGERY

The Department of Cardiothoracic Surgery will sponsor the *Nicholas P. Rossi Award for Cardiothoracic Surgery Research*. The award will be designated for the best oral or poster in the discipline of cardiothoracic surgery.

DERMATOLOGY

The Department of Dermatology will sponsor the *Excellence in Dermatology Research* award, designated for the best poster or oral presentation by a medical student in the discipline of dermatology.

EMERGENCY MEDICINE

The Department of Emergency Medicine will sponsor an award for *Excellence in Emergency Medicine Research* for the best poster or oral presentation by a medical student in the discipline of emergency medicine.

FAMILY MEDICINE

The Department of Family Medicine will sponsor an award for *Excellence in Family Medicine Research* designated for the best oral or poster presentation by a medical student in family medicine research.

INTERNAL MEDICINE

The Department of Internal Medicine will sponsor three awards for outstanding student presentations. *The John Stokes Award for Research in Internal Medicine* is designated for the best poster or oral presentation by a medical student in the discipline of internal medicine. Two additional awards for *Excellence in Internal Medicine Research* are for best oral or poster presentation by a medical student for research in any division and in any project area.

NEUROLOGY and NEUROSURGERY

The Departments of Neurosurgery and Neurology will sponsor three awards for the best poster or oral presentation by a medical student designated as *Excellence in Basic Neuroscience Research*, *Excellence in Clinical Neuroscience Research*, and *Excellence in Translational Neuroscience Research*.

NEUROSCIENCE AND PHARMACOLOGY

The Department of Neuroscience and Pharmacology will sponsor an award for *Excellence in Neuroscience and Pharmacology Research*. The award will be designated for the best poster or oral presentation by a medical student in the discipline of neuroscience and pharmacology, either basic science or clinical investigation.

OBSTETRICS/GYNECOLOGY

The Department of Obstetrics and Gynecology will sponsor two awards for *Excellence in Clinical Research in Obstetrics & Gynecology* and *Excellence in Obstetrics & Gynecology Research*, each designated for the best poster or oral presentation by a medical student in Ob-Gyn research.

OPHTHALMOLOGY

The Department of Ophthalmology will sponsor three awards for the best oral or poster presentations by a medical student in eye research named in honor of former physicians; the *Thomas A. Weingeist Award in Ophthalmology*, the *William E. Scott Research Award in Ophthalmology*, and the *Hansjoerg E. Kolder Award for Ophthalmology Research*.

ORTHOPEDICS

The Department of Orthopedics will sponsor two awards; the *Research Excellence in Orthopedics* award, and the *Ponseti Prize in Orthopedic Research*. The awards will be designated for the best poster or oral presentation by a medical student in basic, biomedical or clinical musculoskeletal/orthopedic research.

OTOLARYNGOLOGY

The Department of Otolaryngology will sponsor an award for *Excellence in Otolaryngology Research* designated for the best oral or poster presentation by a medical student in otolaryngology research.

PATHOLOGY

The Department of Pathology will sponsor two awards to honor *Richard G. Lynch, MD*, for the best poster or oral presentation by a medical student. The award will be open to student research in any project area.

PEDIATRICS

The Department of Pediatrics will sponsor two awards designated for the best oral or poster presentation by a medical student for *Excellence in Pediatric Clinical Research* and *Excellence in Pediatric Basic Science Research*.

PSYCHIATRY

The Department of Psychiatry will sponsor three awards, the *George Winokur Research Award*, the *Bob Robinson Research Award* and the *Lauretta Bender Research Award*. The awards will be designated for the best poster or oral presentations by a medical student for research in psychiatry.

RADIOLOGY

The Department of Radiology will sponsor the *Jason Martin, MD- Medical Student Research Award*. The award will be designated for the best poster or oral presentation by a medical student in image-based research. Martin graduated from the University of Iowa Carver College of Medicine and participated in medical research in the Radiology department as a medical student.

RADIATION ONCOLOGY

The Department of Radiation Oncology will sponsor the *Larry W. Oberley Award in Radiation Oncology*. The award will be designated for the best poster or oral presentation by a medical student in the discipline of radiation oncology, for either basic science or clinical investigation.

SURGERY

The Department of Surgery will sponsor the *Kimberly Ephgrave Medical Student Award for Research in Surgery*. This award will be designated for the best poster or oral presentation by a medical student in the discipline of surgery.

UROLOGY

The Department of Urology will sponsor an award for *Excellence in Urology Research* designated for the best oral or poster presentation by a medical student in urology research.

Outstanding Mentorship Awards

Students from the Summer Research Fellowship (SRF) began nominating outstanding research mentors in 2016. These award winners are selected from among nominations submitted by medical student research students at the completion of their summer research experience. This year we are awarding *Outstanding Mentorship in Clinical Research*, *Outstanding Mentorship in Basic Research* and *Outstanding Mentorship in Translational Research*.

A special thank you to:

The Iowa Medical Student Research Council - Robert Roghair, Director
CCOM Office of Student Affairs and Curriculum staff;
the Departments of Anatomy and Cell Biology, Anesthesiology, Biochemistry,
Cardiothoracic Surgery, Dermatology, Emergency Medicine, Family Medicine, Internal
Medicine, Molecular Physiology & Biophysics, Neurology, Neuroscience and
Pharmacology, Neurosurgery, Obstetrics & Gynecology, Ophthalmology, Orthopedics,
Otolaryngology, Pathology, Pediatrics, Psychiatry, Radiology, Radiation Oncology,
Surgery, and Urology; Institute for Clinical and Translational Science

Acknowledgements

Judges

Carryn Anderson, MD	Joseph Kowalski, MD
David Bedell, MD	Matthew Krasowski, MD, PhD
Jennifer Bermick, MD	Clarence Kreiter, PhD
Noelle Bowdler, MD	Ryan Kruse, MD
Kyle Brown, MD	Markus Kuehn, PhD
Marisa Buchakjian, MD, PhD	Barry London, MD, PhD
James Byrne, MD, PhD	Katherine Mathews, MD
Erica Carlisle, MD	Patrick McGonagill, MD
Martha Carvour, MD, PhD	Kelly Messingham, PHD
Mitchell Coleman, PhD	Mohamad Mokadem, MD
Marcelo Correia, MD, PHD	Kelly Mulfaul, PhD
Karen Cyndari, MD, PhD	Manasa Nayak, PHD
Benjamin Darbro, MD, PhD	Elizabeth Newell, MD
Brandon Davies, PhD	Catherine Olinger, MD
Catherine DeGeeter, MD	Brian O'Neill, MD, PhD
Natalie Denburg, PhD	Robin Paetzold, MBA
Arlene Drack, MD	Catherina Pinnaro, MD
Alina Dumitrescu, MD	Danielle Rios, MD
Martine Dunnwald, PharmD, PhD	Robert Roghair, MD
Melissa Fath, PhD	Mark Santillan, MD, PHD
Anthony Fischer, MD, PHD	Donna Santillan, PHD
Colette Galet, PhD	Todd Scheetz, PhD
Joel Geerling, MD, PHD	Val Sheffield, MD, PhD
Jessica Goetz, PhD	Dionne Skeete, MD
Oliver Gramlich, PHD	Doug Spitz, PhD
Kari Harland, PhD	Priyanka Vakkalanka, PhD
Matthew Harper, PhD	Brad Van Voorhis, MD
Unyime Ituk, MBBS, FCARCSI	Andrea Weber, MD
C. Michael Knudson, MD, PhD	Cynthia Wong, MD

Student {Oral} Presentations

Maryam Ahmad, M2, Oral Presentation, Room 1117 at 8:00

Title: Effectiveness of Computerized Adaptive Tests to Screen for Perinatal Anxiety in Underserved Women of Color

Mentor: Beatriz Penalver Bernabe, Biomedical Engineering-University of Illinois at Chicago

Hend Al-Kaylani, M2, Oral Presentation, Room 2189 at 8:45

Title: The role of SIN3A dysregulation in neural crest differentiation and Witteveen-Kolk syndrome

Mentor: Markus H. Kuehn, Ophthalmology & Visual Sciences

Emily Baldwin, M2G, Oral Presentation, Room 2123 at 8:30

Title: Dissecting the 16p11.2 hemi-deletion to study sex specific striatal phenotypes of neurodevelopmental disorders

Mentor: Ted Abel, Pharmacology

Evan Balk, M2, Oral Presentation, Room 2189 at 9:15

Title: Preloaded DSAEK Corneal Allograft Injector with Wide-Lumen Storage: Exploring Endothelial Cell Loss Reduction in a Proof-of-Concept Study

Mentor: Christopher Sales, Ophthalmology & Visual Sciences

Alyssa Bartels, M2, Oral Presentation, Room 2136 at 8:45

Title: Frameshift mutations in mutL that facilitate antibiotic resistance in Staphylococcus aureus

Mentor: Anthony Fischer, Pediatrics

Matt Benson, M2, Oral Presentation, Room 2165 at 8:00

Title: Reoperation rates of isolated meniscus repair with and without marrow stimulation

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Colleen Bloeser, M1, Oral Presentation, Room 1117 at 9:15

Title: Incidence of frailty in midlife adults and its impacts on outcomes

Mentor: Dionne Skeete, Surgery

Chase Brandt, M2, Oral Presentation, Room 2136 at 8:00

Title: Low shunt burden from PDA is not associated with adverse outcomes in premature infants

Mentor: Danielle Rios, Pediatrics

AJ Chowdhury, M4, Oral Presentation, Room 2123 at 9:15

Title: Surgical management of symptomatic vertebral hemangiomas: a single institution experience and literature review

Mentor: Patrick Hitchon, Neurosurgery

Student {Oral} Presentations

Kristin Davis, M2, Oral Presentation, Room 2155 at 8:45

Title: Nystagmus recordings and correlation with underlying diagnosis in children

Mentor: Alina Dumitrescu, Ophthalmology & Visual Sciences

Abby Davison, M2, Oral Presentation, Room 2135 at 9:45

Title: Indications for umbilical cord drug testing and associations of positive test results with PHQ-9 scores

Mentor: Abbey Hardy-Fairbanks, Obstetrics & Gynecology

Irving Delgado-Arellanes, M2, Oral Presentation, Room 2189 at 9:30

Title: Baseline Assessment of Skeletal Muscle Mass Loss After Hip Preservation Surgery

Mentor: Michael Willey, Orthopaedics and Rehabilitation

Lubin Deng, M2, Oral Presentation, Room 2155 at 8:00

Title: Machine Learning with Multiple Modalities of Brain Magnetic Resonance Imaging Data to Identify the Presence of Bipolar Disorder

Mentor: Vincent A. Magnotta, Radiology

Olivia DiGioia, M2, Oral Presentation, Room 2155 at 9:15

Title: Assessing the efficacy of TEC kinase inhibition in alopecia areata

Mentor: Ali Jabbari, Dermatology

Jackson Dunning, M2, Oral Presentation, Room 2135 at 9:00

Title: Determining Best Treatments for Pediatric Bladder and Bowel Dysfunction

Mentor: Douglas Storm, Urology

Bridget Easler, M2, Oral Presentation, Room 2135 at 8:00

Title: Examining Dynamics of Consent and Coercion in Sterilization Cases Reviewed by the Iowa Board of Eugenics.

Mentor: Nicole Novak, College of Public Health

Chris Franke, M2, Oral Presentation, Room 2126 at 8:15

Title: Alterations in neonatal immune profiles following chorioamnionitis exposure

Mentor: Jennifer Bermick, Pediatrics

Annie Galloway, M2, Oral Presentation, Room 1117 at 9:45

Title: Chaotic Embryos: Catalogue and Department-Wide Protocol Development

Mentor: Ginny Ryan, University of Washington, Seattle WA

Trent Gilbert, M2, Oral Presentation, Room 2126 at 9:00

Title: Evaluating tissue specificity of RNA aptamers discovered via whole-organ cardiac SELEX

Mentor: William Thiel, Internal Medicine

Student {Oral} Presentations

Klaudia Golebiewski, M2, Oral Presentation, Room 2135 at 8:30

Title: Fever as a protective factor for development of lung injury and kidney injury in patients with sepsis

Mentor: Nicholas Mohr, Emergency Medicine

Noah Gritters, M2, Oral Presentation, Room 2155 at 8:15

Title: Associations between NIH Toolbox Emotional Battery measures and previous suicide attempt in bipolar disorder type I

Mentor: Vincent A. Magnotta, Radiology

Amy Huang, M2, Oral Presentation, Room 2135 at 9:15

Title: Understanding the Relationship between Bladder Bowel Dysfunction and Attention Deficit/Hyperactivity Disorder

Mentor: Angelena Edwards, Urology

Brianna Iverson, M2, Oral Presentation, Room 2126 at 8:45

Title: Development of a Clinical Study: RP1 in Combination with PD1 Blockade in Patients with Solid Tumors

Mentor: Mohammed Milhem, Internal Medicine

Andreas Kantartzis, M2G, Oral Presentation, Room 2123 at 8:15

Title: ELISpot Optimization for Sepsis Immunophenotyping

Mentor: Vladimir Badovinac, Pathology

Rekha Karuparth, M3, Oral Presentation, Room 2126 at 8:00

Title: Characterization of Stress Levels in the NICU

Mentor: John M. Dagle, Pediatrics

Kevin Kato, M2, Oral Presentation, Room 2166 at 9:30

Title: Proximal release of the long head of the biceps tendon in repair of chronic distal biceps rupture, a feasibility study

Mentor: James Nepola, Orthopaedics and Rehabilitation

Aditi Katwala, M2, Oral Presentation, Room 2189 at 8:30

Title: Changes in rat ultrasonic vocalizations following lesion of amygdala, insula, and anterior cingulate cortex

Mentor: Matthew Hoffman, Otolaryngology

Chris Klasson, M2, Oral Presentation, Room 2126 at 9:15

Title: Iterative Development and Evaluation of a Community-Based Health Education Program about Patient-Centered, Culturally Responsive Care for Post-Acute Sequelae of COVID-19

Mentor: Martha Carvour, Internal Medicine

Student {Oral} Presentations

Tara Kortlever, M1, Oral Presentation, Room 2126 at 8:30

Title: Impact of MIRO1 on Vascular Smooth Muscle Cell Proliferation

Mentor: Isabella Grumbach, Internal Medicine

Emma Lewis, M4, Oral Presentation, Room 2166 at 8:45

Title: Validating a point-of-care predictive tool for preeclampsia in diverse populations

Mentor: Mark Santillan, Obstetrics & Gynecology

Ben Linden, M4, Oral Presentation, Room 2123 at 9:30

Title: Is Frailty Discouraging Surgeons from Performing Thoracolumbar Fusion? A Retrospective Study

Mentor: Patrick McGonagill, Surgery

Abbie Lund, M2, Oral Presentation, Room 2135 at 9:30

Title: Race and Rurality as Risk Factors for Preterm Birth

Mentor: Mark Santillan, Barcey Levy, David Bedell, Obstetrics & Gynecology

Kimia Maddahi, M2, Oral Presentation, Room 2165 at 9:00

Title: The Prevalence of Surgical Intervention in Symptomatic Carpometacarpal Bossing

Mentor: Joseph Buckwalter V, Orthopaedics and Rehabilitation

Srija Manchkanti, M3, Oral Presentation, Room 2126 at 9:30

Title: Transgender Women on Estrogen Have a Lower Burden of Thrombotic Events Compared to Cisgender Men: A Nationwide Hospital-Based Survey

Mentor: Sanjana Dayal, Internal Medicine

Smrithi Mani, M4, Oral Presentation, Room 2166 at 9:00

Title: Retrospective Review of Clinicopathological Findings of Hereditary Leiomyomatosis and Renal Cell Cancer and Evaluation of FH/2SC Staining for Genetic Referral

Mentor: Vincent Liu, Dermatology

Elisabeth Martin, M2, Oral Presentation, Room 2136 at 9:00

Title: Bispectral EEG to predict delirium after spine fracture in older adults

Mentor: Catherine Olinger, Orthopaedics and Rehabilitation

Dominique Mata de Leon, M2, Oral Presentation, Room 1117 at 9:30

Title: Understanding Cancer Networks: Development, Goals, and Operations

Mentor: Ingrid Lizarraga, Surgery

Student {Oral} Presentations

Steele McCulley, M1, Oral Presentation, Room 2165 at 8:15

Title: Efficacy of Intraoperative Intra-articular Morphine on Post-Operative Pain and Opioid Consumption Following Hip Arthroscopy

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Stephanie Meza, M2, Oral Presentation, Room 1117 at 8:30

Title: Examining the Utility of Thermal Imaging in Trauma Resuscitations

Mentor: Carlos Pelaez, Surgery

Will Moody, M2, Oral Presentation, Room 2155 at 9:00

Title: Development and Assessment of Systematic Educational Intervention to Improve Knowledge of Disease and Quality of Life by Cutaneous Lymphoma Patients

Mentor: Vincent Liu, Dermatology

Sanah Munir, M2, Oral Presentation, Room 2126 at 9:45

Title: Diabetic Cardiomyopathy: Sodium-Dependent Glucose Transporter 1 in Cardiac Mitochondrial Dysfunction

Mentor: Ferhaan Ahmad, Internal Medicine

Francis Ogaban, M2, Oral Presentation, Room 2136 at 9:15

Title: Quantifying value loss due to presenteeism and absenteeism in worker's compensation spinal fusion patients

Mentor: Catherine Olinger, Orthopaedics and Rehabilitation

Julian Nelson Pablo, M2, Oral Presentation, Room 2189 at 9:00

Title: Implementation of a Mediterranean Diet Exacerbates Visual and Motor-Sensory Impairment in an Animal Model of Multiple Sclerosis

Mentor: Oliver Gramlich, Ophthalmology & Visual Sciences

John Pape, M2, Oral Presentation, Room 2136 at 9:30

Title: The Validation of an Endurance Static Hold in Assessing Functional Status

Mentor: Jacob Elkins, Orthopaedics and Rehabilitation

Linda Peng, M2, Oral Presentation, Room 2166 at 8:15

Title: Identifying patient perspectives on a low-threshold medications for addiction treatment (MAT) clinic

Mentor: Andrea Weber, Psychiatry

Wade Pingel, M2, Oral Presentation, Room 2165 at 9:15

Title: Association of preoperative ACL integrity and patient-reported outcome measures after total knee arthroplasty: Initial impressions after 3 months

Mentor: Andrew Schwartz, Orthopaedics and Rehabilitation

Student {Oral} Presentations

Faith Prochaska, M1GA, Oral Presentation, Room 2123 at 8:00

Title: Maternal Hypertension Reveals Potential Neuroinflammatory Mechanisms of Epilepsy

Mentor: Alexander Bassuk, Pediatrics

Sydney Rand, M3, Oral Presentation, Room 2155 at 9:30

Title: The Value of Inpatient Dermatology Consultations: Improving Patient Outcomes Through Expert Management

Mentor: Vincent Liu, Dermatology

Sam Reyes, M1, Oral Presentation, Room 2136 at 9:45

Title: The Accuracy of Self-Reported Height in Orthopaedic Clinics

Mentor: Jacob Elkins, Orthopaedics and Rehabilitation

Madeline Rhomberg, M2, Oral Presentation, Room 2189 at 8:00

Title: Investigating Embedded Microspheres for Controlled, Sustained Release of Neurotrophic Factors in Cochlear Implants

Mentor: Marlan R. Hansen, Otolaryngology - Head & Neck Surgery

Nathan Robillard, M2, Oral Presentation, Room 2136 at 8:15

Title: Determining the Immuno-Modulatory Effects of Electromagnetic Fields

Mentor: Val Sheffield, Pediatrics

Braden Rolig, M3, Oral Presentation, Room 1117 at 9:00

Title: Lymphopenia in Burn Patients Predicts Discharge Disposition

Mentor: Patrick McGonagill, Surgery

Kristina Rossmiller, M2, Oral Presentation, Room 2165 at 9:30

Title: Post-Procedure Protocols After Intraarticular Orthobiologic Injections - A Review

Mentor: Ryan Kruse, Orthopaedics and Rehabilitation

Syim Salahuddin, M2, Oral Presentation, Room 1117 at 8:15

Title: Loss of Muscarinic Receptors Innervation Increases Cell Proliferation in Acute Airway Injury.

Mentor: Kalpaj Parekh, Cardiothoracic Surgery

Peter Sanchez, M4, Oral Presentation, Room 2123 at 9:00

Title: Resident Exposure to Oculofacial Diagnoses On Call at an Academic Level I Trauma Center

Mentor: Erin Shriver, Ophthalmology & Visual Sciences

Noah Scigliano, M2, Oral Presentation, Room 2135 at 8:45

Title: The Effect of Full-Body Weight-bearing on Palmar Pressure Distribution

Mentor: Jess Goetz, Orthopaedics and Rehabilitation

Student {Oral} Presentations

Isaac Slagel, M2, Oral Presentation, Room 1117 at 8:45

Title: Secondary Undertriage in a Rural Trauma System: Revisiting Twice-Transferred Patients to a Level 1 Trauma Center

Mentor: Colette Galet, Surgery

Leon Sun, M2, Oral Presentation, Room 2135 at 8:15

Title: The effect of early Melatonin agonist administration on delirium outcomes among hospitalized elderly adults

Mentor: Sangil Lee, Emergency Medicine

Ian Sutton, M2G, Oral Presentation, Room 2123 at 8:45

Title: Pharmacological ascorbate modulates the expression of immunotherapy biomarkers in NSCLC

Mentor: Douglas R. Spitz, Free Radical & Radiation Biology

McKenzie Temperly, M2, Oral Presentation, Room 2189 at 9:45

Title: Bispectral EEG (BSEEG) effectively predicts delirium in older adults with low-energy femur fracture

Mentor: Michael Willey, Orthopaedics and Rehabilitation

Andy Tran, M4, Oral Presentation, Room 2166 at 9:15

Title: Sociodemographic Variation in the Utilization of Minimally Invasive Surgical Approaches for Pancreatic Cancer

Mentor: Richard Burkhart, Johns Hopkins University-Surgery

Jaden Troxel, M2, Oral Presentation, Room 2165 at 8:45

Title: Clinical Manifestations of Multiple Hereditary Exostoses: A Retrospective Study of 103 Patients in Iowa

Mentor: Joseph Buckwalter V, Orthopaedics and Rehabilitation

Matt Van Engen, M4, Oral Presentation, Room 2166 at 8:30

Title: DAIR for Periprosthetic Joint Infection in Primary versus Revision Knee Arthroplasty – A Comparison in Survival Rate

Mentor: Nicolas Noiseux, Orthopaedics and Rehabilitation

Ryan Williams, M2, Oral Presentation, Room 2189 at 8:15

Title: Investigating the Electrical Properties of a Zwitterionic Hydrogel Applied to Cochlear Implants

Mentor: Marlan R. Hansen, Otolaryngology - Head & Neck Surgery

Brianna Wright, M4, Oral Presentation, Room 2123 at 9:45

Title: SARS-CoV-2 Seropositivity Among Healthcare Professionals in a Rural State

Mentor: Loreen Herwaldt, Internal Medicine

Student {Oral} Presentations

Sophia Xiao, M2, Oral Presentation, Room 2165 at 8:30

Title: Course of Carpal Tunnel Syndrome Management in People with Diabetes

Mentor: Joseph Buckwalter V, Orthopaedics and Rehabilitation

Luke Zerwic, M2, Oral Presentation, Room 2136 at 8:30

Title: The Impact of 3D Printed vs 3D Virtual Congenital Heart Models on Patient and Family Education

Mentor: Ravi Ashwath, Pediatrics

Jimmy Zhang, M2, Oral Presentation, Room 2155 at 8:30

Title: Retroclival epidural hematoma in 7-year-old female after motor vehicle accident

Mentor: Lillian Lai, Radiology

Student {Poster} Presentations

Peyton Alder, M1G, Poster Presentation, on WEDNESDAY #43

Title: Neuron Morphology Analysis in Human Autopsy Tissue

Mentor: Georgina Aldridge, Neurology

Ethan Angle, M2, Poster Presentation, on WEDNESDAY #9

Title: Challenges in Applying Drug Docking Software to Computational Models of Whole Cells

Mentor: Adrian Elcock, Biochemistry

Mohad Awan, LOA, Poster Presentation, on WEDNESDAY #29

Title: Targeting Lab Draws to Reduce Central Venous Catheter Manipulation

Mentor: Karen Brust, Internal Medicine

Alex Belzer, M4, Poster Presentation, on WEDNESDAY #13

Title: Risk factors for development of programmed death 1 (PD-1) inhibitor bullous pemphigoid

Mentor: Janet Fairley, Dermatology

Matt Biegger, M2, Poster Presentation, on THURSDAY #26

Title: Body Composition Changes Following Revision Total Joint Arthroplasty

Mentor: Jacob Elkins, Orthopaedics and Rehabilitation

Kelsey Blocklinger, LOA, Poster Presentation, on THURSDAY #16

Title: Aspirin Specifically Targets Triglyceride and Copeptin Levels in the Development of Preeclampsia

Mentor: Donna Santillan, Obstetrics & Gynecology

Savannah Bogner, M2, Poster Presentation, on THURSDAY #28

Title: Trigonometry of the hand and wrist under full body weight loading using functional upper extremity load-bearing CT imaging

Mentor: Joseph Buckwalter V, Orthopaedics and Rehabilitation

David Chang, M1G, Poster Presentation, on THURSDAY #44

Title: Gene Transfer Efficiency in Models of Increased Secreted Airway Mucins

Mentor: Patrick Sinn, Pediatrics

Joshua Cheek, M2, Poster Presentation, on WEDNESDAY #15

Title: Developing Resources to Fill Gaps in Dermatological Training in Bagamoyo, Tanzania, Co-presenters: Erica Hsu and Katherine McDonald

Mentor: Karolyn Wanat, Dermatology

Jason Chen, M1, Poster Presentation, on THURSDAY #30

Title: WBCT-Based Micromotion RSA of Post-Operative Implant Migration in TKA Patients

Mentor: Jacob Elkins, Orthopaedics and Rehabilitation

Student {Poster} Presentations

Katie Choate, M2, Poster Presentation, on WEDNESDAY #31

Title: Significance of alkaline phosphatase elevations in alcoholic hepatitis

Mentor: Kyle Brown, Internal Medicine

Gage Christenson, M1, Poster Presentation, on THURSDAY #32

Title: Prevalence of Sarcopenia in Patients Undergoing Elective Spine Surgery

Mentor: Catherine Olinger, Orthopaedics and Rehabilitation

Mary Crompton, M1, Poster Presentation, on THURSDAY #14

Title: Expression of RcrB confers resistance to hypochlorous acid in uropathogenic Escherichia coli

Mentor: Jan Ulrich Dahl, Illinois State University, Microbiology

Tim Davie, M4, Poster Presentation, on WEDNESDAY #33

Title: Acute potassium feeding in mice alters NCC phosphorylation within minutes

Mentor: Jonathan Nizar, Internal Medicine

Mark Dyken, M2, Poster Presentation, on THURSDAY #50

Title: NREM Sleep Manipulations and Memory Consolidation

Mentor: Ted Abel, Pharmacology

Yumeng Engelking, M2, Poster Presentation, on WEDNESDAY #17

Title: Investigating the role of CD4 cells and interferon-gamma in alopecia areata pathogenesis using a mouse model

Mentor: Ali Jabbari, Dermatology

Bennett Feuchtenberger, M4, Poster Presentation, on WEDNESDAY #55

Title: Differences in Comorbidities and Outcomes of Primary Total Joint Arthroplasty of the Hip and Knee Based on Referral Type at an Academic Center

Mentor: Jacob Elkins, Orthopaedics and Rehabilitation

Madeline Fitzhugh, M3, Poster Presentation, on WEDNESDAY #19

Title: WHAT A HAND CAN TELL US: ARTIFICIAL INTELLIGENCE TO PREDICT THE AGE OF A HAND

Mentor: Jennifer Powers, Dermatology

Erica Fossee, M1G, Poster Presentation, on WEDNESDAY #25

Title: Associations between lead exposure, the microbiome, and cognitive function in adults

Mentor: Shoshannah Eggers, Epidemiology

Emily Fuller, M4, Poster Presentation, on THURSDAY #64

Title: Predictors of Tissue Infarction from Distal Emboli after Mechanical Thrombectomy

Mentor: Colin Derdeyn, Radiology

Student {Poster} Presentations

Daniel Galvez, M2, Poster Presentation, on WEDNESDAY #35

Title: The Story of Stories: A Qualitative Analysis of Non-Healthcare Frontline Workers' Experiences with COVID-19 Protocols and Health Communication During the Pandemic

Mentor: Martha Carvour, Internal Medicine

Ryan Gannon, M2, Poster Presentation, on THURSDAY #4

Title: Novel FoxO-targets in the regulation of Diabetes-related muscle weakness

Mentor: Brian O'Neill, Internal Medicine

Jian Gao, M2, Poster Presentation, on WEDNESDAY #3

Title: Assessing the Mechanical Properties of Acutely Injured Lungs: A Comparative Study of Traditional and Novel Ventilation Techniques Utilizing Computed Tomographic (CT) Imaging

Mentor: David Kaczka, Anesthesia

Grace Gasser, M2G, Poster Presentation, on THURSDAY #20

Title: Investigating the Effects of Complement on Choroidal Endothelial Cells

Mentor: Robert Mullins, Ophthalmology & Visual Sciences

Stephanie Gibbons, M2, Poster Presentation, on WEDNESDAY #5

Title: Disinfecting Luer-lock Syringe Tips of ST-5 S. aureus for Anesthesia Intravenous Access

Mentor: Randy Loftus, Anesthesia

Lexie Golden, M1G, Poster Presentation, on WEDNESDAY #27

Title: Preliminary data from the largest prospective cohort study of neuroendocrine tumors (NET-PRO)

Mentor: Michael O'Rorke, Epidemiology

Kaitlyn Grimes, M1, Poster Presentation, on THURSDAY #22

Title: Risk of vision threatening complications with sports in Juvenile X-linked Retinoschisis

Mentor: Arlene Drack, Ophthalmology & Visual Sciences

Austin Halupnik, M2, Poster Presentation, on THURSDAY #58

Title: Retrospective Review of Swallowing Outcomes for Oropharynx and Larynx Patients after Chemoradiation

Mentor: Carryn Anderson, Radiation Oncology

Sam Hansen, M2, Poster Presentation, on THURSDAY #72

Title: Measurement of Health Utility in Reconstructive Urologic Surgical Procedures

Mentor: Bradley Erickson, Urology

Student {Poster} Presentations

Sam Hatfield, M2G, Poster Presentation, on THURSDAY #60

Title: Foamed Hydrogels act Synergistically with Immune Therapy as a Local Niche for Peritumoral Dendritic Cells

Mentor: James Byrne, Radiation Oncology

Rachel Heinrich, M2, Poster Presentation, on WEDNESDAY #21

Title: The Impact of Systemic Immunosuppression on Cutaneous Wound Healing

Mentor: Kelly Messingham, Dermatology

Jared Hill, M1, Poster Presentation, on WEDNESDAY #1

Title: RalGPS2 Activates RalA for Primary Ciliogenesis in Epithelial Cells

Mentor: Charles Yeaman, Anatomy & Cell Biology

Arman Hlas, M4, Poster Presentation, on THURSDAY #34

Title: The Acidity of Normal Saline Used in Arthroscopic Irrigation Causes Deleterious Oxidative Stress, Metabolic Dysfunction, and Chondrocyte Death

Mentor: James Martin, Orthopaedics and Rehabilitation

Jason Hristopoulos, M1G, Poster Presentation, on THURSDAY #6

Title: Assessing the effects of CDK4/6 and MEK1/2 inhibition in Undifferentiated Pleomorphic Sarcoma

Mentor: Rebecca Dodd, Internal Medicine

Erica Hsu, M2, Poster Presentation, on THURSDAY #2

Title: Preventing Skin Disease through Screening and Education at Primary Schools in Bagamoyo, Tanzania Co-presenters: Joshua Cheek and Katherine McDonald

Mentor: Karolyn Wanat, Dermatology

Kyle Jackson, M4, Poster Presentation, on WEDNESDAY #65

Title: Development of an Automated EEG Analysis Algorithm to Assess the Efficacy of Naltrexone in the Prevention of Epilepsy

Mentor: Alexander Bassuk, Pediatrics

Olivia Jenks, M2, Poster Presentation, on THURSDAY #36

Title: The Impact of Mental Readiness on the Return to Athletic Performance Following Hip Preservation Surgery

Mentor: Robert Westermann and Michael Willey, Orthopaedics and Rehabilitation

Gretchen Jones, M2, Poster Presentation, on THURSDAY #38

Title: A Retrospective Review of Hormonal Contraceptive Use in Young Women Undergoing ACL Surgery

Mentor: Kyle Duchman, Orthopaedics and Rehabilitation

Student {Poster} Presentations

Tanner Kempton, M4, Poster Presentation, on WEDNESDAY #57

Title: Tragal cartilage graft in transcanal endoscopic tympanoplasty in pediatric patients

Mentor: Sohit Kanotra, Otolaryngology

Victor Kilonzo, M2G, Poster Presentation, on WEDNESDAY #67

Title: Investigating learning-induced expression of Nr4A2 in the ventral tegmental area and dorsal hippocampus

Mentor: Ted Abel, Pharmacology

Cameron Lawrence, M2, Poster Presentation, on WEDNESDAY #71

Title: Multiplex PCR Urine Testing Compared to the Standard Urine Culture for Preoperative Screening in Elderly Urology Patients

Mentor: Annah Vollstedt, Urology

Andrew Lee, M2, Poster Presentation, on THURSDAY #40

Title: The Clinical Usefulness of the iHOT Survey in the Evaluation of Hip Pain and Hip Preservation Surgery

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Jace Leininger, M2, Poster Presentation, on THURSDAY #66

Title: Regional Pulmonary V/Q Improvements with Sildenafil vs. Placebo in a Smoking Cessation Study Monitored via Multi-spectral CT

Mentor: Eric A. Hoffman, Radiology

Katherine McDonald, M1A, Poster Presentation, on THURSDAY #2

Title: Preventing Skin Disease through Screening and Education at Primary Schools in Bagamoyo, Tanzania, Co-presenters: Joshua Cheek and Erica Hsu

Mentor: Karolyn Wanat, Dermatology

Johnny Malicoat, M2, Poster Presentation, on WEDNESDAY #73

Title: Unraveling Growth Variability in Renal Masses of Von Hippel-Lindau Patients: A Comprehensive Analysis of Kinetics and RNA Expression for Predictive Biomarker Discovery

Mentor: James Brown, Urology

Thomas Martinez, M2, Poster Presentation, on THURSDAY #24

Title: Prognostic Factors for Long Term Outcomes in Neovascular Age-Related Macular Degeneration

Mentor: Elliott Sohn, Ophthalmology & Visual Sciences

Elle McCormick, M3, Poster Presentation, on THURSDAY #42

Title: Return to Sport, Post-Operative Performance Testing, and Reinjury Rates Among Athletes Treated with Hamstring, Quadriceps, and Patellar Tendon Autograft ACL Reconstruction

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Student {Poster} Presentations

Emory McManimon, M2, Poster Presentation, on THURSDAY #8

Title: Restoring Helminthic Regulation of Intestinal Inflammation by means of Augmentation of STAT6 Activity in Donor T Cells in Graft-versus-Host Disease

Mentor: M Nedim Ince, Internal Medicine

Daniel Moe, M2, Poster Presentation, on THURSDAY #46

Title: Associations Between Vitamin D and Pediatric Celiac Disease Presentation

Mentor: Riad Rahhal and Catherine DeGeeter, Pediatrics

Kathy Nguyen, M2G, Poster Presentation, on THURSDAY #10

Title: Triggering Receptor Expressed on Myeloid Cells-1 (TREM-1) Restricts Allergic Airway Inflammation by Promoting Eosinophil Apoptosis

Mentor: Julia Klesney-Tait, Internal Medicine

Catherine Nugent, M2, Poster Presentation, on THURSDAY #68

Title: A-priori prediction of negative V/Q scans in pulmonary hypertension

Mentor: Michael Graham, Radiology

Ikenna Nwosu, M2, Poster Presentation, on THURSDAY #62

Title: Intravesical Device for Non-Muscle Invasive Bladder Cancer

Mentor: James Byrne, Radiation Oncology

Lucy Olson, M2, Poster Presentation, on THURSDAY #52

Title: Exploring iron as a biomarker of neurodegeneration in Huntington's Disease: A longitudinal study

Mentor: Peg Nopoulos, Psychiatry

Eric Ortiz, M2, Poster Presentation, on WEDNESDAY #37

Title: Prevalence of the Post-Acute Sequelae of COVID-19 Among Frontline Workers in the Midwestern United States and Co-Prevalence of Associated Social and Structural Determinants of Health

Mentor: Martha Carvour, Internal Medicine

Cole Pennock, M3, Poster Presentation, on WEDNESDAY #51

Title: Incidence and Risk Factors for Contralateral Patellofemoral Instability

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Maiti Peters, M2, Poster Presentation, on THURSDAY #12

Title: Knowledge, attitudes, and practices regarding malaria in women of the Orang Rimba

Mentor: Elissa Faro, Internal Medicine

Student {Poster} Presentations

Spencer Peterson, M2, Poster Presentation, on THURSDAY #48

Title: Exploring Early Life Experiences as Predictors of Addiction in Mothers

Mentor: Lane Strathearn, Pediatrics

Zachary Rinke, M2, Poster Presentation, on WEDNESDAY #69

Title: Nanoparticles as Immune Enhancing Agents for Melanoma Vaccines

Mentor: Aliasger Salem, Pharmacy

Josh Russell, M2, Poster Presentation, on WEDNESDAY #11

Title: Characterization of paravalvular leak in surgically placed aortic valves

Mentor: Arun Singhal, Cardiothoracic Surgery

Arshaq Saleem, M2, Poster Presentation, on WEDNESDAY #45

Title: Radiomic Characterization of Brain Aneurysms

Mentor: Edgar Samaniego, Neurology

Vaughan Schwob, M2, Poster Presentation, on THURSDAY #54

Title: Predictors of later diagnosis in autistic females

Mentor: Jacob Michaelson, Psychiatry

Aravin Sivamurugan, M3, Poster Presentation, on WEDNESDAY #7

Title: Total Spinal Anesthesia in Pediatric Cardiac Surgery: Effects on Postoperative Pain and Opioid Utilization - A Propensity Matched Investigation

Mentor: Satoshi Hanada, Anesthesia

Jacqueline Smart, M4, Poster Presentation, on WEDNESDAY #23

Title: Characterization of Melanoma Referrals to UIHC and Impact on Patient Outcomes

Mentor: Jennifer Powers, Dermatology

Sadie Solomon, M2G, Poster Presentation, on WEDNESDAY #39

Title: Acceptable susceptibility thresholds reported in hospital antibiograms for Gram-negative rod infections: a survey and contingent valuation study of infectious diseases specialists

Mentor: Eli Perencevich, Internal Medicine

Haley Steffen, M4, Poster Presentation, on THURSDAY #74

Title: BMI at delivery and associated maternal and neonatal outcomes

Mentor: Brooks Jackson, Pathology

Student {Poster} Presentations

Ervin Tabakovic, M2, Poster Presentation, on WEDNESDAY #47

Title: Role of mediodorsal thalamic projections in temporal processing

Mentor: Nandakumar Narayanan, Neurology

Johanna Theeler, M1, Poster Presentation, on THURSDAY #56

Title: Cognitive Function in Long COVID and its Relationship with Lung Pathophysiology

Mentor: Karin Hoth, Psychiatry

Eric Vallin, M2, Poster Presentation, on WEDNESDAY #59

Title: Similarities of FOXP2 Expression in the Brainstem of Rodents, Rhesus Monkeys, and Humans

Mentor: Matthew Hoffman, Otolaryngology

Steven Van Meeteren, M2, Poster Presentation, on WEDNESDAY #61

Title: Understanding the Role of EMT in Local Recurrence in Oral Cavity Squamous Cell Carcinoma

Mentor: Marisa Buchakjian, Otolaryngology - Head & Neck Surgery

Lena Volfson, M2, Poster Presentation, on WEDNESDAY #53

Title: Ultrasonic Fasciotomy for the Treatment of Refractory Plantar Fasciopathy- A Prospective Study

Mentor: Ryan Kruse, Orthopaedics and Rehabilitation

Katie Weston, M2, Poster Presentation, on THURSDAY #18

Title: Comparison of Surgical Success Between Novel Prolapse Phenotypes

Mentor: Joseph Kowalski, Obstetrics & Gynecology

Lydia Yang, M3, Poster Presentation, on WEDNESDAY #41

Title: Recognizing Rural Healthcare Disparities in Pain Assessment for Autoimmune Rheumatologic Diseases

Mentor: Bharat Kumar, Internal Medicine

Richie Zhang, M2, Poster Presentation, on WEDNESDAY #49

Title: A neural pathway for auditory stress

Mentor: Joel Geerling, Neurology

room #	8:00am	8:15am	8:30am	8:45am	9:00am	9:15am	9:30am	9:45am
1117	Maryam Ahmad	Syim Salahuddin	Stephanie Meza	Isaac Slagel	Braden Rolig	Colleen Bloeser	Dominique Mata	Annie Galloway
2123	Faith Prochaska	Andreas Kantartzis	Emily Baldwin	Ian Sutton	Peter Sanchez	AJ Chowdhury	Ben Linden	Brianna Wright
2126	Rekha Karuparth	Christopher Franke	Tara Kortlever	Brianna Iverson	Trent Gilbert	Chris Klasson	Srija Manchanti	Sanah Munir
2135	Bridget Easler	Leon Sun	Klaudia Golebiewski	Noah Scigliano	Jackson Dunning	Amy Huang	Abbie Lund	Abby Davison
2136	Chase Brandt	Nathan Robillard	Luke Zerwic	Alyssa Bartels	Elisabeth Martin	Francis Ogaban	John Pape	Sam Reyes
2155	Lubin Deng	Noah Gritters	Jimmy Zhang	Kristin Davis	Will Moody	Olivia DiGioia	Sydney Rand	
2165	Matt Benson	Steele McCulley	Sophia Xiao	Jaden Troxel	Kimia Maddahi	Wade Pingel	Kristina Rossmiller	
2166		Linda Peng	Matt Van Engen	Emma Lewis		Andy Tran	Kevin Kato	
2189	Maddy Rhomberg	Ryan Williams	Aditi Katwala	Hend Al-Kaylani	Julian Pablo	Evan Balk	Irving Delgado	Mackenzie Temperly

Wednesday Poster Schedule (by number)			
LastName	FirstName	Poster#	Department
Hill	Jared	1	Anatomy & Cell Biology
Gao	Jian	3	Anesthesia
Gibbons	Stephanie	5	Anesthesia
Sivamurugan	Aravin	7	Anesthesia
Angle	Ethan	9	Biochemistry
Russell	Josh	11	Cardiothoracic Surgery
Belzer	Alex	13	Dermatology
Cheek	Joshua	15	Dermatology
Engelking	Yumeng	17	Dermatology
Fitzhugh	Madeline	19	Dermatology
Heinrich	Rachel	21	Dermatology
Smart	Jacqueline	23	Dermatology
Fossee	Erica	25	Epidemiology
Golden	Lexie	27	Epidemiology
Awan	Mohad	29	Internal Medicine
Choate	Katie	31	Internal Medicine
Davie	Tim	33	Internal Medicine
Galvez	Daniel	35	Internal Medicine
Ortiz	Eric	37	Internal Medicine
Solomon	Sadie	39	Internal Medicine
Yang	Lydia	41	Internal Medicine
Alder	Peyton	43	Neurology
Saleem	Arshaq	45	Neurology
Tabakovic	Ervina	47	Neurology
Zhang	Richie	49	Neurology
Pennock	Cole	51	Orthopaedics and Rehabilitation
Volfson	Lena	53	Orthopaedics and Rehabilitation
Feuchtenberger	Bennett	55	Orthopaedics and Rehabilitation
Kempton	Tanner	57	Otolaryngology
Vallin	Eric	59	Otolaryngology
Van Meeteren	Steven	61	Otolaryngology
		63	
Jackson	Kyle	65	Pediatrics
Kilonzo	Victor	67	Pharmacology
Rinke	Zachary	69	Pharmacy
Lawrence	Cameron	71	Urology
Malicoat	Johnny	73	Urology

Thursday Poster Schedule (by number)			
LastName	FirstName	Poster#	Department
Hsu	Erica	2	Dermatology
Gannon	Ryan	4	Internal Medicine
Hristopoulos	Jason	6	Internal Medicine
McManimon	Emory	8	Internal Medicine
Nguyen	Kathy	10	Internal Medicine
Peters	Maiti	12	Internal Medicine
Crompton	Mary	14	Microbiology
Blocklinger	Kelsey	16	Obstetrics & Gynecology
Weston	Katie	18	Obstetrics & Gynecology
Gasser	Grace	20	Ophthalmology & Visual Sciences
Grimes	Kaitlyn	22	Ophthalmology & Visual Sciences
Martinez	Thomas	24	Ophthalmology & Visual Sciences
Biegger	Matt	26	Orthopaedics and Rehabilitation
Bogner	Savannah	28	Orthopaedics and Rehabilitation
Chen	Jason	30	Orthopaedics and Rehabilitation
Christenson	Gage	32	Orthopaedics and Rehabilitation
Hlas	Arman	34	Orthopaedics and Rehabilitation
Jenks	Olivia	36	Orthopaedics and Rehabilitation
Jones	Gretchen	38	Orthopaedics and Rehabilitation
Lee	Andrew	40	Orthopaedics and Rehabilitation
McCormick	Elle	42	Orthopaedics and Rehabilitation
Chang	David	44	Pediatrics
Moe	Daniel	46	Pediatrics
Peterson	Spencer	48	Pediatrics
Dyken	Mark	50	Pharmacology
Olson	Lucy	52	Psychiatry
Schwob	Vaughan	54	Psychiatry
Theeler	Johanna	56	Psychiatry
Halupnik	Austin	58	Radiation Oncology
Hatfield	Sam	60	Radiation Oncology
Nwosu	Ikenna	62	Radiation Oncology
Fuller	Emily	64	Radiology
Leininger	Jace	66	Radiology
Nugent	Catherine	68	Radiology
		70	
Hansen	Sam	72	Urology
Steffen	Haley	74	Pathology

Wednesday Poster Schedule (Alphabetical)			
LastName	FirstName	Poster#	Department
Alder	Peyton	43	Neurology
Angle	Ethan	9	Biochemistry
Awan	Mohad	29	Internal Medicine
Belzer	Alex	13	Dermatology
Cheek	Joshua	15	Dermatology
Choate	Katie	31	Internal Medicine
Davie	Tim	33	Internal Medicine
Engelking	Yumeng	17	Dermatology
Feuchtenberg	Bennett	55	Orthopaedics and Rehabilitation
Fitzhugh	Madeline	19	Dermatology
Fossee	Erica	25	Epidemiology
Galvez	Daniel	35	Internal Medicine
Gao	Jian	3	Anesthesia
Gibbons	Stephanie	5	Anesthesia
Golden	Lexie	27	Epidemiology
Heinrich	Rachel	21	Dermatology
Hill	Jared	1	Anatomy & Cell Biology
Jackson	Kyle	65	Pediatrics
Kempton	Tanner	57	Otolaryngology
Kilonzo	Victor	67	Pharmacology
Lawrence	Cameron	71	Urology
Malicoat	Johnny	73	Urology
Ortiz	Eric	37	Internal Medicine
Pennock	Cole	51	Orthopaedics and Rehabilitation
Rinke	Zachary	69	Pharmacy
Russell	Josh	11	Cardiothoracic Surgery
Saleem	Arshaq	45	Neurology
Sivamurugan	Aravin	7	Anesthesia
Smart	Jacqueline	23	Dermatology
Solomon	Sadie	39	Internal Medicine
		63	
Tabakovic	Ervina	47	Neurology
Vallin	Eric	59	Otolaryngology
Van Meeteren	Steven	61	Otolaryngology
Volfson	Lena	53	Orthopaedics and Rehabilitation
Yang	Lydia	41	Internal Medicine
Zhang	Richie	49	Neurology

Thursday Poster Schedule (Alphabetical)			
LastName	FirstName	Poster#	Department
Biegger	Matt	26	Orthopaedics and Rehabilitation
Blocklinger	Kelsey	16	Obstetrics & Gynecology
Bogner	Savannah	28	Orthopaedics and Rehabilitation
Chang	David	44	Pediatrics
Chen	Jason	30	Orthopaedics and Rehabilitation
Christenson	Gage	32	Orthopaedics and Rehabilitation
Crompton	Mary	14	Microbiology
Dyken	Mark	50	Pharmacology
Fuller	Emily	64	Radiology
Gannon	Ryan	4	Internal Medicine
Gasser	Grace	20	Ophthalmology & Visual Sciences
Grimes	Kaitlyn	22	Ophthalmology & Visual Sciences
Halupnik	Austin	58	Radiation Oncology
Hansen	Sam	72	Urology
Hatfield	Sam	60	Radiation Oncology
Hlas	Arman	34	Orthopaedics and Rehabilitation
Hristopoulos	Jason	6	Internal Medicine
Hsu	Erica	2	Dermatology
Jenks	Olivia	36	Orthopaedics and Rehabilitation
Jones	Gretchen	38	Orthopaedics and Rehabilitation
Lee	Andrew	40	Orthopaedics and Rehabilitation
Leininger	Jace	66	Radiology
Martinez	Thomas	24	Ophthalmology & Visual Sciences
McCormick	Elle	42	Orthopaedics and Rehabilitation
McManimon	Emory	8	Internal Medicine
Moe	Daniel	46	Pediatrics
Nguyen	Kathy	10	Internal Medicine
Nugent	Catherine	68	Radiology
Nwosu	Ikenna	62	Radiation Oncology
Olson	Lucy	52	Psychiatry
Peters	Maiti	12	Internal Medicine
Peterson	Spencer	48	Pediatrics
Schwob	Vaughan	54	Psychiatry
		70	
Steffen	Haley	74	Pathology
Theeler	Johanna	56	Psychiatry
Weston	Katie	18	Obstetrics & Gynecology