



Medical Student Research Conference

September 18-19, 2024

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

Sponsored by:
Medical Student Research Council
Carver College of Medicine Office of Student Affairs and Curriculum

Medical Student Research Conference

Welcome to the 61st 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 18, 2024

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| 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 19, 2024

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| 12:00 - 12:50 PM | Poster Session #2
Medical Student Poster Presentations in MERF Atrium |
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September 20, 2024

Awards Ceremony and Banquet

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

Douglas Spitz, PhD

Professor of Radiation Oncology, Human Toxicology, Pathology,
and Free Radical and Radiation Biology Program
Director, Free Radical Metabolism and Imaging Program
Director, Radiation and Free Radical Research Core

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 Anesthesia 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.

MICROBIOLOGY & IMMUNOLOGY

The Department of Microbiology and Immunology will sponsor the *Excellence in Microbiology and Immunology Research*, designated for the best oral or poster presentation by a medical student in microbiology research.

MOLECULAR PHYSIOLOGY & BIOPHYSICS

The Department of Molecular Physiology and Biophysics will sponsor the *Research Excellence in Molecular Physiology and Biophysics* award, designated for the best poster or oral presentation by a medical student in the discipline of physiology and biophysics.

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 and Visual Sciences 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 and Rehabilitation 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, Microbiology and Immunology, Molecular Physiology & Biophysics,
Neurology, Neuroscience and Pharmacology, Neurosurgery, Obstetrics & Gynecology,
Ophthalmology, Orthopedics, Otolaryngology, Pathology, Pediatrics, Psychiatry,
Radiology, Radiation Oncology, Surgery, and Urology

Thank you to our Judges

Aamer Imdad, MD
Ajit Vikram, PhD
Amy L. Conrad, PhD
Andrew Groves, MD
Andrew Russo, PhD
Barcey Levy, MD, PhD
Brandon Davies, PhD
Catherine Olinger, MD
Chad Grueter, PhD
Chakrapani Vemulawada, PhD
Colette Galet, PhD
Danielle Rios, MD
David Bedell, MD
Diana Jalal, MD
Dionne Skeete, MD
Don Anderson, PhD
Doug Spitz, PhD
Emily Witt, MS
Erica Carlisle, MD
Farnoosh Shemirani, PhD
Franklin Dexter, MD, PhD
Gail Bishop, PhD
Hongshuai Li, MD, PhD
Janice Staber, MD
Jennifer Streeter, MD, PhD
Jessica Goetz, PhD
Joselyn Cho, MD
Karen Cyndari, MD, PhD
Karin Hoth, PhD
Kelly Messingham, PhD
Kristan Worthington, PhD
Kristen Sihler, MD

Lucy Wibbenmeyer, MD
Manasa Nayak, PhD
Mark Santillan, MD, PhD
Martha Carvour, MD, PhD
Martine Dunnwald, PharmD, PhD
Matthew Harper, PhD
Matthew Krasowski, MD, PhD
Melissa Fath, PhD
Michael Anderson, PhD
Michael Knudson, MD, PhD
Michael Petronek, PhD
Michael Tansey, MD
Mitchell Coleman, PhD
Mohammed Milhem, MBBS
Natalie Denburg, PhD
Neda Mokhberian, PhD
Nick Mohr, MD, MS
Oliver Gramlich, PhD
Patrick McGonagill, MD
Priyanka Vakkalanka, PhD
Rachel Scheperle, AuD, PhD
Robert Roghair, MD
Robin Paetzold, MBA
Santosh Kumar, PhD
Sarah Haskell, DO
Sarah Shaffer, DO
Shujie Yang, PhD
Uzma Rani, MD
Victor Soupene, PhD Candidate
Wendy Maury, PhD
Ying Hsu, PhD

Student {Oral} Presentations

Peyton Alder, M2G, Oral Presentation, Room 1117 at 8:30

Title: *Seizure-induced mortality and CO2 chemosensitivity in mice lacking the clock gene Bmal1*

Mentor: Gordon Buchanan, Neurology

Michael Arrington, M1G, Oral Presentation, Room 2265 at 9:45

Title: *Modulating Hydrogel Stiffness to Understand the Role of EMT in AMD*

Mentor: Kristan Worthington, Biomedical Engineering

Caitlyn Beals, M2, Oral Presentation, Room 1117 at 9:30

Title: *Incidence of Hydrocephalus in Myelomeningocele Patients in Zambia*

Mentor: Rebecca Reynolds, Neurosurgery

Andrew Behrens, M2, Oral Presentation, Room 2126 at 8:30

Title: *Analysis of Tibiotalar Joint Contact Stresses in Patients with Cavovarus Foot Pathology Using Discrete Element Analysis*

Mentor: Bopha Chrea, Orthopaedics and Rehabilitation

Matt Benson, M3, Oral Presentation, Room 2166 at 9:45

Title: *Utilizing Weight Bearing CT to Evaluate ACL Reconstruction Success in Resisting Anterior Tibia Translation*

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Colleen Bloeser, M2, Oral Presentation, Room 2123 at 9:30

Title: *Identifying admission predictors of poor outcomes in midlife and older trauma patients with rib fractures*

Mentor: Dionne Skeete, Surgery

Emma Blomberg, M2, Oral Presentation, Room 2123 at 8:30

Title: *The Impact of Perioperative Nutrition and Baseline Albumin Levels on Wound Healing in Mohs Micrographic Surgery Patients*

Mentor: Jennifer Powers, Dermatology

Elizabeth Callahan, M2, Oral Presentation, Room 2166 at 9:15

Title: *"Surgery was a rotation that I dreaded:" Medical student perceptions of surgeons*

Mentor: Erica Carlisle, Surgery

Zach Case, M2, Oral Presentation, Room 2123 at 9:15

Title: *Impact of the COVID-19 Pandemic on Poison Center Teleconsultation Services for Healthcare Facilities*

Mentor: Priyanka Vakkalanka, Emergency Medicine

Student {Oral} Presentations

David Chang, M2G, Oral Presentation, Room 2136 at 8:30

Title: The Effect of FGF21 on Bone Marrow Mesenchymal Cells in Duchenne Muscular Dystrophy

Mentor: Hongshuai Li, Orthopaedics and Rehabilitation

Jason Chen, M2, Oral Presentation, Room 2123 at 8:15

Title: Assessment of prognostic value of baseline hematologic profile in cutaneous T-cell lymphoma

Mentor: Vincent Liu, Dermatology

Quinn Christensen, M2, Oral Presentation, Room 2136 at 8:00

Title: Comparison of two micro-invasive glaucoma surgeries

Mentor: Andrew Pouw, Ophthalmology & Visual Sciences

Samantha Corman, M2, Oral Presentation, Room 2166 at 9:30

Title: Metallosis in Posterior Lumbar Fusion: Investigating Corrosion Susceptibility based on Rod Metal Type and Bending Method

Mentor: Catherine Olinger, Orthopaedics and Rehabilitation

Ryan Courtney, M2, Oral Presentation, Room 2166 at 8:30

Title: Addressing Tumor Hypoxia through Intratumoral Oxygen Injection

Mentor: James Byrne, Radiation Oncology

Mary Crompton, M2, Oral Presentation, Room 2123 at 8:45

Title: Melanoma diagnostic revision following pathologic review at an Iowa referral academic medical center

Mentor: Jennifer Powers, Dermatology

John Davelaar, M2, Oral Presentation, Room 2166 at 8:00

Title: Cystic fibrosis transmembrane conductance receptor as a mediator of oxidative stress in pancreatic ductal adenocarcinoma

Mentor: Aliye Uc, Pediatrics

Amanda Dougherty, M2, Oral Presentation, Room 2126 at 9:00

Title: Development of Gene Therapy Vectors to Treat Cerebellar Disorders

Mentor: Samuel M. Young Jr., Otolaryngology

Cody Dvorak, M2, Oral Presentation, Room 2135 at 8:00

Title: Optimizing Suturing Pressure in Aortic Valve Replacement: A Prototype for Color-Releasing Compression Pods to Reduce Paravalvular Leak

Mentor: Arun Singhal, Cardiothoracic Surgery

Student {Oral} Presentations

Gabe Ewert, M2, Oral Presentation, Room 2166 at 8:15

Title: Investigating Outcomes and Predictors of Response to Transcranial Magnetic Stimulation for Treatment-Resistant Depression Using the NIH Toolbox Emotion Battery

Mentor: Mark Niciu, Psychiatry

Jake Fisher, M1, Oral Presentation, Room 2165 at 8:00

Title: Development of Histological Measures of Metallosis in a Novel Model of Spinal Fusion

Mentor: Mitch Coleman, Orthopaedics and Rehabilitation

Julia Fleecs, M4, Oral Presentation, Room 2189 at 8:15

Title: International acid burn violence: A systematic review of prevalence and the demographics of survivors

Mentor: Erin Shriver, Ophthalmology & Visual Sciences

Erica Fossee, M2G, Oral Presentation, Room 2136 at 9:30

Title: Amino Acids and Neonatal Morbidities in Preterm Neonates

Mentor: John M. Dagle, Pediatrics

Matthew Gao, M2, Oral Presentation, Room 2135 at 8:45

Title: E-cigarette exposure induces endothelial activation and alters the phenotype of circulating monocytes

Mentor: Josalyn Cho, Internal Medicine

Bailey Garnica, M2, Oral Presentation, Room 2126 at 9:45

Title: Computation model for predicting early clinical outcomes in children with vesicoureteral reflux integrating objective data from renal ultrasound and voiding cystourethrogram

Mentor: Christopher Cooper, Urology

Sebastian Gomez, M2G, Oral Presentation, Room 2155 at 9:30

Title: Playing Hide and Seek: Investigating Nav1.5 Expression Across Different Mouse Cardiomyocyte Fractions

Mentor: Barry London, Internal Medicine

Nick Gorman, M1G, Oral Presentation, Room 1117 at 8:00

*Title: Infection of Adipocytes with *L. infantum* Induces Changes to Cellular Phenotype*

Mentor: Mary Wilson, Internal Medicine

Nick Gorman, M1G, Oral Presentation, Room 1117 at 9:45

*Title: Infection of Adipocytes with *L. infantum* Induces Changes to Cellular Phenotype*

Mentor: Mary Wilson, Internal Medicine

Student {Oral} Presentations

Max Holt, M2, Oral Presentation, Room 2189 at 9:30

***Title:** The effect of an acute care-cardiothoracic joint team consultation protocol on rib fixation patient outcomes: A quality improvement project*

Mentor: Patrick McGonagill, Surgery

Jordan Hook, M2, Oral Presentation, Room 2155 at 9:45

***Title:** Examining Clinical Outcomes of Multiple Sclerosis Patients Who Utilized Diet as Part of Their Personal Treatment Plan: A Longitudinal Study*

Mentor: Terry L. Wahls, Internal Medicine

Jason Hristopoulos, M2G, Oral Presentation, Room 2123 at 8:00

***Title:** Investigating the metabolic landscape of alopecia areata*

Mentor: Ali Jabbari, Dermatology

Raghu Inturi, M2, Oral Presentation, Room 2155 at 8:45

***Title:** Examining the link between spur cell anemia and dysregulation of iron metabolism in patients with cirrhosis*

Mentor: Kyle Brown, Internal Medicine

Connor Johnson, M1G, Oral Presentation, Room 1117 at 8:45

***Title:** Functional Connectivity in Parkinson's Disease*

Mentor: Nandakumar Narayanan, Neurology

Rachel Johnson, M2, Oral Presentation, Room 2135 at 9:00

***Title:** B. burgdorferi alters synovial architecture in a human ex vivo model of Lyme Arthritis*

Mentor: Karen Cyndari, Emergency Medicine

Abby Jones, M2, Oral Presentation, Room 2135 at 9:15

***Title:** Quantifying relationships between readmission rates and demographic and hospital course factors for adults with intellectual disabilities*

Mentor: Meghan Connett, Family Medicine

Christopher Jun, M2, Oral Presentation, Room 2165 at 8:15

***Title:** Investigating Alternative Splicing of Mediator Complex Genes in Heart Disease*

Mentor: Chad Grueter, Internal Medicine

Joseph Karippaparambil, M2, Oral Presentation, Room 2165 at 9:00

***Title:** AAV2.5T Transduction of Basal Cells in Ferret Airway Epithelium*

Mentor: Ziyang Yan, Anatomy & Cell Biology

Student {Oral} Presentations

Josh Kettelkamp, M2, Oral Presentation, Room 2166 at 9:00

***Title:** Defining Computational Phenotypes for Adverse Outcomes in Post Kidney Transplant Recipients*

Mentor: David Axelrod, MD, Surgery

Sean Kim, M2, Oral Presentation, Room 2135 at 8:30

***Title:** Differentiative Capacity of Airway Basal Cells at Various Anatomical Levels in the Tracheobronchial Tree.*

Mentor: Kalpaj Parekh, Cardiothoracic Surgery

Shruthi Kondaboina, M1G, Oral Presentation, Room 2165 at 8:30

***Title:** Validating the Genetic Drivers Responsible for Driving Trametinib Resistance in Low Grade Serous Ovarian Cancer (LGSOC)*

Mentor: Adam Dupuy, Anatomy & Cell Biology

Campbell Krusemark, M1G, Oral Presentation, Room 1117 at 8:15

***Title:** Exploring the impact of alpha-synuclein overexpression in the locus coeruleus*

Mentor: Georgina Aldridge, Neurology

Jacob Lam, M4, Oral Presentation, Room 2126 at 9:30

***Title:** Characterizing Patients Presenting with Chronic Scrotal Content Pain*

Mentor: Amy Pearlman, MD, Prime Institute and Christopher Cooper, MD, CCOM, Urology

Saeyun Lee, M4, Oral Presentation, Room 2155 at 9:15

***Title:** Accuracy of Administrative Codes for the Diagnosis of Autoinflammatory Syndromes*

Mentor: Aleksander Lenert, Internal Medicine

Isaac Lynch, M2, Oral Presentation, Room 2166 at 8:45

***Title:** Expedited Mood Tracking with the ASERT Digital Survey*

Mentor: Vincent A. Magnotta, Radiology

Kiran Marla, M1, Oral Presentation, Room 2126 at 9:15

***Title:** Assessing Income Inequality as a Predictor of Head and Neck Cancer Outcomes*

Mentor: Nitin Pagedar, Otolaryngology

Steele McCulley, M2, Oral Presentation, Room 2189 at 8:45

***Title:** Rotational Femoral Osteotomy to Treat Abnormal Femoral Version*

Mentor: Michael Willey, Orthopaedics and Rehabilitation

Student {Oral} Presentations

Megan McGovern, M1G, Oral Presentation, Room 2155 at 8:15

Title: Targeting PRC2-Dependent Metastatic Phenotypes in Malignant Peripheral Nerve Sheath Tumors

Mentor: Rebecca Dodd, Internal Medicine

Elisha Monson, M2, Oral Presentation, Room 2126 at 8:00

Title: Hyperglycemia and Corneal Respiration: The Evolving Story of VDAC1

Mentor: Mark Greiner, Ophthalmology & Visual Sciences

Kenan Najdawi, M2, Oral Presentation, Room 2126 at 8:45

Title: Mid-Term Outcomes Following 1st tarsometatarsal bone block arthrodesis (Lapicotton) in the Treatment of Medial Column Instability

Mentor: Bopha Chrea, Orthopaedics and Rehabilitation

Natalie Nguyen, M4, Oral Presentation, Room 2189 at 9:45

Title: Does antibiotic prophylaxis reduce rate of urinary tract infection following urodynamic studies?

Mentor: Gina Lockwood, MD and Llana Bergelson, MD, Urology

Alexandria Nicolaus, M2, Oral Presentation, Room 2135 at 9:45

Title: System-level Stakeholders' Perspectives on Food Insecurity in Pregnancy

Mentor: Michael Haugsdal, Obstetrics & Gynecology

Jacquelyn Nielson, M2G, Oral Presentation, Room 2123 at 9:00

Title: Metastatic Cancer and Extracellular Vesicles

Mentor: Michael Henry, Molecular Physiology & Biophysics

Stepan Orlovskiy, M1G, Oral Presentation, Room 2165 at 8:45

Title: Exploring Drivers of Progression of Cutaneous Melanoma

Mentor: Adam Dupuy, Anatomy & Cell Biology

Steffen Osborn, M2, Oral Presentation, Room 2136 at 9:00

Title: Early Cranioplasty Promotes Functional Recovery in Rodent TBI Model

Mentor: Brian Andrews, Otolaryngology - Head & Neck Surgery

Mary Powers, M2, Oral Presentation, Room 2189 at 9:00

Title: Surgical Resection Does Not Confer a Survival Benefit to Elderly Hepatocellular Carcinoma Patients

Mentor: Aziz Hassan, Surgery

Student {Oral} Presentations

Faith Prochaska, M2G, Oral Presentation, Room 2136 at 9:45

Title: Traumatic Brain Injury Induced IFN-I Response Across the Lifespan

Mentor: Elizabeth Newell, Pediatrics

Sam Reyes, M2, Oral Presentation, Room 2155 at 8:00

Title: Phenobarbital for Treatment of Alcohol Withdrawal Syndrome in Emergency Medicine

Mentor: Joshua Radke, Emergency Medicine

Simran Sarin, LOA, Oral Presentation, Room 2189 at 8:00

Title: The Road to Failure: A Retrospective Analysis of Past Ophthalmic and Medical History Associations with Corneal Transplant Failure

Mentor: Christopher Sales, Ophthalmology & Visual Sciences

Willow Schanz, M2, Oral Presentation, Room 2155 at 8:30

Title: Healthcare Professional Perceptions on Oral Feeding in the NICU

Mentor: Aamer Imdad, Pediatrics

Jacob Sharafuddin, M1, Oral Presentation, Room 2123 at 9:45

Title: Massive Transfusion Protocol at a Level 1 Trauma Center: A Quality Improvement Project

Mentor: Dionne Skeete, Surgery

Kareem Shoukhi, M1, Oral Presentation, Room 2135 at 8:15

Title: Denervation of Lungs affects Airway Basal Cell phenotype and Function

Mentor: Kalpaj Parekh, Cardiothoracic Surgery

Chirayu Shukla, M4, Oral Presentation, Room 2189 at 8:30

Title: Examining the Relationship Between Patellar Tendon Thickness and Tendinopathy with ACL Graft Success Rates

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Jessica Smith, M1G, Oral Presentation, Room 2165 at 9:30

Title: Drosophila models of TMEM43-associated Emery-Dreifuss muscular dystrophy reveal disease mechanisms

Mentor: Lori Wallrath, Biochemistry

Adi (AWE-DHEE) Somisetty, M2, Oral Presentation, Room 2126 at 8:15

Title: Comparing the effects of netarsudil and ripasudil, two rho-kinase inhibitors, in the treatment of Fuchs endothelial corneal dystrophy

Mentor: Mark Greiner, Ophthalmology & Visual Sciences

Student {Oral} Presentations

Betty Tu, M4, Oral Presentation, Room 2155 at 9:00

Title: Revisiting the Lille Score: A Measure of Survival, rather than Steroid Response, in Patients with Acute Alcohol-Associated Hepatitis?

Mentor: Kyle Brown, Internal Medicine

Steven Van Meeteren, M3, Oral Presentation, Room 2136 at 9:15

Title: Correlation of Lymph Node Characteristics and Extranodal Extension in Oral Squamous Cell Carcinoma

Mentor: Marisa Buchakjian, Otolaryngology - Head & Neck Surgery

Joel VandeLune, M2, Oral Presentation, Room 2136 at 8:15

Title: Comparative Outcomes of Kahook Dual Blade Goniotomy and Gonioscopy-Assisted Transluminal Trabeculotomy in Steroid-Induced/Uveitic Glaucoma vs. Other Open-Angle Glaucoma

Mentor: Andrew Pouw, Ophthalmology & Visual Sciences

Maria Vardapetyan, M2, Oral Presentation, Room 1117 at 9:00

Title: Cocaethylene and Other Cocaine Metabolites in Samples from Newborns and Young Children: Unraveling the Effects of Parental Substance Use

Mentor: Matthew Krasowski, Pathology

Ravina Vasanwala, M4, Oral Presentation, Room 2165 at 9:15

Title: Epidural anesthesia and postoperative coagulation disturbances after hepatic surgery: A retrospective single institution study

Mentor: Rakesh Sondekoppam, Anesthesia

Kathryn Wittrock, M2, Oral Presentation, Room 2189 at 9:15

Title: Comparison of Conflict-of-Interest Policies for Surgical and Medical Societies

Mentor: Aziz Hassan, Surgery

Lydia Yang, M4, Oral Presentation, Room 2135 at 9:30

Title: The Effect of Pursuing Infertility Treatment on Weight Loss in Obese Patients

Mentor: Eyup Duran, Obstetrics & Gynecology

Cole Zahn, M2, Oral Presentation, Room 1117 at 9:15

Title: Improving Patient Comprehension of Pathology Reports

Mentor: Matthew Krasowski, Pathology

Amy Zeller, M4, Oral Presentation, Room 2136 at 8:45

Title: Case Series on Patients with Dedifferentiated Chondrosarcoma

Mentor: Benjamin Miller, Orthopaedics and Rehabilitation

Student {Poster} Presentations

Stein Acker, M2G, Poster Presentation, WEDNESDAY #64

Title: Machine learning prediction of visual field defects after stroke using tract disconnection information

Mentor: Aaron Boes, Pediatrics

Aditya Alluri, M2, Poster Presentation, THURSDAY #27

Title: Delivery of Dexamethasone via Pump after Cochlear Implantation to Reduce the Foreign Body Response

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

Ethan Angle, M3, Poster Presentation, WEDNESDAY #28

Title: 'Histopancreatosis?': A Case of Chronic Granulomatous Pancreatitis

Mentor: Bradley Manning, Internal Medicine

Kyle Armour, M2, Poster Presentation, WEDNESDAY #54

Title: Fenfluramine administration and a diet supplemented with whey reduces mortality in Dravet syndrome mice while increasing brainstem serotonin concentrations.

Mentor: George Richerson, Neurology

Danny Bartelt, M2, Poster Presentation, THURSDAY #29

Title: Red- & Near-Infrared Light Therapy Post-Craniectomy Improves Recovery Timelines in Rodent TBI Model

Mentor: Brian Andrews, Otolaryngology - Head & Neck Surgery

Kyle Biscaglia, M2, Poster Presentation, THURSDAY #11

Title: Platelet-Poor Plasma: A Novel Treatment for Acute Quadriceps Muscle Injuries

Mentor: Dr. Ryan Kruse, Orthopaedics and Rehabilitation

Seth Borchard, M2, Poster Presentation, THURSDAY #13

Title: Nerve Block or No Block? Return to Sport Outcomes in Quad Tendon Autograft ACL Reconstruction

Mentor: Robert Westermann, Orthopaedics and Rehabilitation

Sam Braza, M4, Poster Presentation, WEDNESDAY #56

Title: Screening Rates of HIV, Hepatitis C, and Syphilis During Acute Stroke Hospital Admissions at The University of Iowa (2016-2020)

Mentor: Julie Gudenkauf, Neurology

Michelle Bremer Gama, M4, Poster Presentation, WEDNESDAY #2

Title: Correlating Operating Room Noise during Cesarean Sections with Maternal Stress and Outcomes

Mentor: Unyime Ituk, Anesthesia

Student {Poster} Presentations

Caroline Brown, M4, Poster Presentation, THURSDAY #53

Title: *Innovations in Treatment for Substance Use Disorders in Pregnant Patients*

Mentor: Stacey Pawlak, Psychiatry

Paisley Bryant, M2, Poster Presentation, WEDNESDAY #22

Title: *Alignment of Patient Expectations with Care Provided in the Emergency Department: A Study on Patient Satisfaction*

Mentor: Todd Sexton, Emergency Medicine

Tracy Chen, LOA, Poster Presentation, WEDNESDAY #14

Title: *Evaluation of Systemic and Tissue-Specific Immunosensitivity Mechanisms in Patients with Autoimmune Bullous Pemphigoid*

Mentor: Kelly Messingham, Dermatology

Ethan Chen, M2, Poster Presentation, WEDNESDAY #30

Title: *Effect of Very Low-Calorie Diet on Liver Steatosis and Fibrosis in Subjects with Obesity and MASLD*

Mentor: Marcelo Correia, Internal Medicine

Paul Cover, M2, Poster Presentation, WEDNESDAY #4

Title: *Modeling phase I post-anesthesia care unit patient transport times among multiple destinations*

Mentor: Franklin Dexter, Anesthesia

Will Daniels, M2, Poster Presentation, THURSDAY #15

Title: *Implementation of an Ultrasound-Based Return to Play Protocol Following Muscle Injury: Effect on Same-Season Recurrent Injury Rate*

Mentor: Mederic Hall, Orthopaedics and Rehabilitation

Neena Deshpande, M2, Poster Presentation, WEDNESDAY #66

Title: *Cytokine Responses to Blood Transfusion in Premature Infants: Neurocognitive Performance and Sex Differences*

Mentor: Amy Conrad, Pediatrics

Sandeep Dhingra, M2, Poster Presentation, THURSDAY #37

Title: *The Role of Gut Microbiome as Biomarkers for Patients with Multiple Sclerosis: A Longitudinal Analysis*

Mentor: Ashutosh Mangalam, Pathology

Cale Dobson, M2, Poster Presentation, THURSDAY #17

Title: *Oxidative Stress and Inflammation in Posterior Cruciate Ligament Specimens of Bariatric Arthroplasty Patients*

Mentor: Jacob Elkins, Orthopaedics and Rehabilitation

Student {Poster} Presentations

Lauren Fergus, M2, Poster Presentation, WEDNESDAY #68

Title: Examining the Clinical and Complement Biomarker Profiles in C3 Glomerulopathy Patients Treated with Targeted Complement Inhibitors

Mentor: Carla Nester, Pediatrics

Chase Fifield, M2, Poster Presentation, WEDNESDAY #6

Title: Disparities in the Management of Low Back Pain

Mentor: Tejinder Singh Swaran Singh, Anesthesia

Logan Flom, M2, Poster Presentation, THURSDAY #31

Title: Exploring the Peripheral Auditory Impacts of Alzheimer's Disease Before and After Cochlear Implantation: Preliminary Results

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

Nolan Ford, M2, Poster Presentation, WEDNESDAY #70

Title: Liquid Biopsy in Pediatric Brain Tumors Using Nanopore Sequencing

Mentor: Andrew Groves, Pediatrics

Garrick Gama, M4, Poster Presentation, THURSDAY #63

Title: Sensitivity and Specificity of Proton Density Magnetic Resonance Imaging With and Without Fat Suppression in Identifying Meniscal Tears

Mentor: D. Lee Bennett, Radiology

Jason Gao, M2, Poster Presentation, WEDNESDAY #32

Title: Optimized Recovery of Coronary Endothelial Cells for Aptamer-Based Discovery

Mentor: Jennifer Streeter, Internal Medicine

MT Gehrmann, M2, Poster Presentation, WEDNESDAY #52

Title: Role of Intrinsically Disordered Regions in the Organization of the Herpesvirus Particle

Mentor: Richard Roller, Microbiology

Mahaasrei Ghosh, M1, Poster Presentation, WEDNESDAY #34

Title: Assessing the effect of GPx1 inhibitors on colon cancer cells/organoids

Mentor: Sarah Short, Internal Medicine

Caity Gjersvik, M4, Poster Presentation, THURSDAY #49

Title: Hospital Discharge Communication - Caregiver Perspectives

Mentor: Kelly Wood, Pediatrics-Hospital Medicine

Student {Poster} Presentations

Lexie Golden, M2G, Poster Presentation, WEDNESDAY #26

Title: Racial Disparities in Lung Cancer in Iowa

Mentor: Mary Charlton, Epidemiology

Ryan Grandgenett, M2, Poster Presentation, THURSDAY #65

Title: The Predictive Value of Renal Medullary Pyramidal Thickness Post-Pyeloplasty

Mentor: Christopher Cooper, Urology

Kaitlyn Grimes, M2, Poster Presentation, THURSDAY #5

Title: Effect of genetic background and shock tube generated blast waves on optic nerve structure

Mentor: Matthew Harper, Ophthalmology & Visual Sciences

Kevin Gubner, M1, Poster Presentation, THURSDAY #39

Title: Neuroinflammatory Biomarkers and Brain Volume Alterations in Hemophilia A

Mentor: Janice Staber, Pediatrics

Lydia Guo, M2, Poster Presentation, WEDNESDAY #36

Title: Novel Pacing Modality for Cardiac Conditioning and Enhanced Cardioprotection

Mentor: Denice Hodgson-Zingman, Internal Medicine

Grace Haugstad, M2, Poster Presentation, WEDNESDAY #16

Title: The Effect of Systemic Immunosuppression and Nutrition on the Cutaneous Wound Environment

Mentor: Kelly Messingham, Dermatology

Holly Hemann, M2, Poster Presentation, THURSDAY #41

Title: IL-17A Inflammation Correlates with Hyperglycemia in Cystic Fibrosis Patients Regardless of Vitamin D Deficiency

Mentor: Katie Larson Ode, Pediatrics

Joe Heyrman, M2, Poster Presentation, WEDNESDAY #58

Title: Establishing a Normative Database for the Iowa VR Headset Perimeter

Mentor: Michael Wall, Neurology

Jared Hill, M2, Poster Presentation, THURSDAY #19

Title: Evaluating Assessment Methods for Measuring Resident Surgical Skills in the Operating Room

Mentor: Matthew Karam, Orthopaedics and Rehabilitation

Student {Poster} Presentations

John Howell, M2, Poster Presentation, WEDNESDAY #8

Title: *Profound Hyperglycemia in Hypothermic Circulatory Arrest: A Retrospective Study*

Mentor: Satoshi Hanada, Anesthesia

Michael Huebner, M2G, Poster Presentation, THURSDAY #1

Title: *Peripheral calcitonin gene-related peptide induces brain-wide resting state functional connectivity changes in mice*

Mentor: Andrew Russo, Molecular Physiology & Biophysics

Madeleine Jennisch, M2, Poster Presentation, THURSDAY #69

Title: *Histopathological and Biochemical Analysis of Autosomal Dominant Neovascular Inflammatory Vitreoretinopathy in the Retina and Choroid*

Mentor: Robert Mullins, Ophthalmology & Visual Sciences

Gizzy Keeler, M2, Poster Presentation, THURSDAY #61

Title: *The role of hyperthermia in GBM cell killing and PD-L1 expression*

Mentor: Michael Petronek, Radiation Research Laboratory

Adi Kotla, M2, Poster Presentation, THURSDAY #25

Title: *Short and Long-Term Outcomes of Laryngeal Cleft Injection in Pediatric Patients*

Mentor: Matthew Hoffman, Otolaryngology

Christopher Langland, M2, Poster Presentation, WEDNESDAY #18

Title: *Patient Centered Outcomes: Identifying Drivers of Satisfaction and Anxiety in Mohs Micrographic Surgery*

Mentor: Jennifer Powers, Dermatology

Htut Linn, M2, Poster Presentation, WEDNESDAY #38

Title: *Outcomes of Transjugular Intrahepatic Portosystemic shunt (TIPS) for the treatment of refractory ascites (RA)*

Mentor: Kyle Brown, Internal Medicine

Laura Lorenger, M2, Poster Presentation, THURSDAY #43

Title: *Longitudinal Inflammatory Biomarker Profiling in Intrauterine Growth Restricted Preterm Infants*

Mentor: Jennifer Bermick, Pediatrics

Scott Lorimor, M2, Poster Presentation, WEDNESDAY #40

Title: *Workplace Violence in Healthcare: A Retrospective Review of Incident Report Data at a 189 Bed Midwestern Hospital*

Mentor: Hayden Smith, Internal Medicine

Student {Poster} Presentations

Zach Lynch, M2, Poster Presentation, THURSDAY #45

***Title:** Natural History of C3CAb Activity and Prevalence in Healthy Populations*

Mentor: Carla Nester, Pediatrics

Srija Manchkanti, M4, Poster Presentation, WEDNESDAY #42

***Title:** Histologic classifications, molecular profiles, and clinical outcomes in patients with clear cell renal cell carcinoma: a laboratory and clinical retrospective study*

Mentor: Youcef Rustum, Internal Medicine

Sarah Nacos, M2, Poster Presentation, WEDNESDAY #44

***Title:** Effect of catheter ablation with vein of Marshall ethanol infusion vs catheter ablation alone on persistent atrial fibrillation.*

Mentor: Paari Dominic, Internal Medicine

Jennifer Ong, M2, Poster Presentation, WEDNESDAY #20

***Title:** Evaluation of regulatory T cells in the skin of Bullous pemphigoid patients*

Mentor: Kelly Messingham, Dermatology

Claire Orth, M2, Poster Presentation, THURSDAY #33

***Title:** Long-term Outcomes of Surgical Management for Submandibular Sialolithiasis: Gland Resection vs. Preservation*

Mentor: Henry Hoffman, Otolaryngology - Head & Neck Surgery

Danielle Pellack, M1A, Poster Presentation, THURSDAY #3

***Title:** Non-retinal influences of dietary nicotinamide relevant to the search for glaucoma neuroprotective therapies*

Mentor: Michael Anderson, Molecular Physiology & Biophysics

Spencer Pham, M2, Poster Presentation, WEDNESDAY #10

***Title:** Benefits of high spinal surgeries for single-ventricle physiology in pediatric population*

Mentor: Satoshi Hanada, Anesthesia

Bella Phillips, M2, Poster Presentation, WEDNESDAY #46

***Title:** Impact of presidential election results on state HCAHPS scores during COVID-19: Challenges in identifying associations*

Mentor: Hayden Smith, Internal Medicine

Tyler Pollock, M1, Poster Presentation, WEDNESDAY #48

***Title:** Human Pegivirus Reduces Low Level HIV Replication and Viral Blips in People Living with HIV*

Mentor: Jack Stapleton, Internal Medicine

Student {Poster} Presentations

Anna Reelfs, M4, Poster Presentation, THURSDAY #47

Title: UGDH Variants Cause Congenital Muscular Dystrophy with Hypoglycosylation of Alpha-Dystroglycan

Mentor: Katherine Mathews, Pediatrics

Younes Rouabhi, M2, Poster Presentation, THURSDAY #51

Title: Caffeine and SS-31 Effects on BBS-associated Mitochondrial Elongation and Dysfunction

Mentor: Kamal Rahmouni, Pharmacology

Will Sgrignoli, M2, Poster Presentation, THURSDAY #21

Title: The Impact of Obesity and Lymphedema on Peri-Incisional Perfusion and Post-Operative Outcomes After Primary Total Knee Arthroplasty

Mentor: Jacob Elkins, Orthopaedics and Rehabilitation

Aravin Sivamurugan, M4, Poster Presentation, WEDNESDAY #12

Title: The Effect of Spinal Analgesia on Peri-operative Outcomes after Lung Transplant

Mentor: Satoshi Hanada, Anesthesia

Eddie Tannenbaum, M2, Poster Presentation, THURSDAY #35

Title: Predictive value of preoperative CT assessment in submandibular sialolithiasis surgical treatment

Mentor: Henry Hoffman, Otolaryngology - Head & Neck Surgery

Johanna Theeler, M2, Poster Presentation, THURSDAY #55

Title: COPD Subtypes and Risk of Cognitive Dysfunction

Mentor: Karin Hoth, Psychiatry

Anna Townsley, M2, Poster Presentation, WEDNESDAY #62

Title: Optimizing non-opioid analgesia timing after cesarean section

Mentor: Stephanie Radke, Obstetrics & Gynecology

Linh Tran, M2, Poster Presentation, WEDNESDAY #50

Title: Functional Characterization of a Novel Brugada Syndrome Gene

Mentor: Barry London, Internal Medicine

Tuan Truong, M2, Poster Presentation, THURSDAY #59

Title: Exploring the Links between Physical Activity, Cardiorespiratory Fitness, and Neurodegenerative Biomarkers Neurofilament Light Chain and Glial Fibrillary Acidic Protein in Older Adults

Mentor: Michelle Voss, Psychology

Student {Poster} Presentations

Laura Ulibarri, M2, Poster Presentation, WEDNESDAY #24

***Title:** Surrogate Measures of Awareness during Endotracheal Intubation: A pilot observational study to evaluate patient anesthetic state during endotracheal intubation.*

Mentor: Nicholas Mohr, Emergency Medicine

Rachel Valente, M2, Poster Presentation, THURSDAY #57

***Title:** The relationship between hypertension and an epigenetic biomarker of alcohol use during alcohol withdrawal*

Mentor: Allan Andersen, Psychiatry

Alex Van Dam, M1, Poster Presentation, WEDNESDAY #60

***Title:** Determinants of Neuropsychological Outcomes after Aneurysmal Subarachnoid Hemorrhage*

Mentor: Edgar Samaniego, Neurology

Adam Vaske, M2, Poster Presentation, THURSDAY #67

***Title:** Evaluating Biochemical Recurrence in Gleason 3+3 Prostate Cancer Patients*

Mentor: James Brown, Urology

Nate Wieting, M2, Poster Presentation, THURSDAY #23

***Title:** Microfragmented Adipose Tissue for the Symptomatic Treatment of Osteoarthritis*

Mentor: Ryan Kruse, Orthopaedics and Rehabilitation

Karl Wilson, M2, Poster Presentation, THURSDAY #7

***Title:** Artificial Intelligence -Derived Optical Coherence tomography Image Analysis for Diabetic Macular Edema Shows Improved Retinal Fluid with Intravitreal Injections*

Mentor: Elliott Sohn, Ophthalmology & Visual Sciences

Brian Young, M2, Poster Presentation, THURSDAY #9

***Title:** Nigerian Pediatric Mutation Prevalence of EFEMP1 Mutations*

Mentor: John Fingert, Ophthalmology & Visual Sciences

Medical Student Research Conference Oral Presentations: Wednesday, September 18, 2024

room #	8:00am	8:15am	8:30am	8:45am	9:00am	9:15am	9:30am	9:45am
1117	Nick Gorman	Campbell Krusemark	Peyton Alder	Connor Johnson	Maria Vardapetyn	Cole Zahn	Caitlyn Beals	Ryan McLerran
2123	Jason Hristopoulos	Jason Chen	Emma Blomberg	Mary Crompton	Jacquelyn Nielson	Zach Case	Colleen Bloeser	Jake Sharafuddin
2126	Eli Monson	Adi Somisetty	Andrew Behrens	Kenan Najdawi	Amanda Dougherty	Kiran Marla	Jacob Lam	Bailey Garnica
2135	Cody Dvorak	Kareem Shoukih	Sean Kim	Matthew Gao	Rachel Johnson	Abby Jones	Lydia Yang	Alexandria Nicholas
2136	Quinn Christensen	Joel VandeLune	David Chang	Amy Zeller	Stephen Osborn	Steven Van Meeteren	Erica Fossee	Faith Prochaska
2155	Sam Reyes	Megan McGovern	Willow Schanz	Raghu Inturi	Betty Tu	Saeyun Lee	Sebastian Gomez	Jordan Hook
2165	Jake Fisher	Christopher Jun	Shruthi Kondaboina	Stepan Orlovskiy	Joseph Karippaparambil	Ravina Vasanwala	Jessica Smith	Michael Arrington
2166	John Davelaar	Gabe Ewert	Ryan Courtney	Isaac Lynch	Josh Kettelkamp	Elizabeth Callahan	Samantha Corman	Matt Benson
2189	Simran Sarin	Julia Fleecs	Chirayu Shukla	Steele McCulley	Mary Powers	Kathryn Wittrock	Max Holt	Natalie Nguyen

Wednesday Poster Schedule (by number)

LastName	FirstName	Poster#	Department
Bremer Gama	Michelle	2	Anesthesia
Cover	Paul	4	Anesthesia
Fifield	Chase	6	Anesthesia
Howell	John	8	Anesthesia
Pham	Spencer	10	Anesthesia
Sivamurugan	Aravin	12	Anesthesia
Chen	Tracy	14	Dermatology
Haugstad	Grace	16	Dermatology
Langland	Christopher	18	Dermatology
Ong	Jennifer	20	Dermatology
Bryant	Paisley	22	Emergency Medicine
Ulibarri	Laura	24	Emergency Medicine
Golden	Lexie	26	Epidemiology
Angle	Ethan	28	Internal Medicine
Chen	Ethan	30	Internal Medicine
Gao	Jason	32	Internal Medicine
Ghosh	Mahaasrei	34	Internal Medicine
Guo	Lydia	36	Internal Medicine
Linn	Htut	38	Internal Medicine
Lorimor	Scott	40	Internal Medicine
Manchkanti	Srija	42	Internal Medicine
Nacos	Sarah	44	Internal Medicine
Phillips	Bella	46	Internal Medicine
Pollock	Tyler	48	Internal Medicine
Tran	Linh	50	Internal Medicine
Gehrmann	MT	52	Microbiology
Armour	Kyle	54	Neurology
Braza	Sam	56	Neurology
Heyrman	Joe	58	Neurology
Van Dam	Alex	60	Neurology
Townsley	Anna	62	Obstetrics & Gynecology
Acker	Stein	64	Pediatrics
Deshpande	Neena	66	Pediatrics
Fergus	Lauren	68	Pediatrics
Ford	Nolan	70	Pediatrics

Thursday Poster Schedule (by number)

LastName	FirstName	Poster#	Department
Huebner	Michael	1	Molecular Physiology & Biophysics
Pellack	Danielle	3	Molecular Physiology & Biophysics
Grimes	Kaitlyn	5	Ophthalmology & Visual Sciences
Wilson	Karl	7	Ophthalmology & Visual Sciences
Young	Brian	9	Ophthalmology & Visual Sciences
Biscoglia	Kyle	11	Orthopaedics and Rehabilitation
Borchard	Seth	13	Orthopaedics and Rehabilitation
Daniels	Will	15	Orthopaedics and Rehabilitation
Dobson	Cale	17	Orthopaedics and Rehabilitation
Hill	Jared	19	Orthopaedics and Rehabilitation
Sgrignoli	Will	21	Orthopaedics and Rehabilitation
Wieting	Nate	23	Orthopaedics and Rehabilitation
Kotla	Adi	25	Otolaryngology
Alluri	Aditya	27	Otolaryngology - Head & Neck Surgery
Bartelt	Danny	29	Otolaryngology - Head & Neck Surgery
Flom	Logan	31	Otolaryngology - Head & Neck Surgery
Orth	Claire	33	Otolaryngology - Head & Neck Surgery
Tannenbaum	Eddie	35	Otolaryngology - Head & Neck Surgery
Dhingra	Sandeep	37	Pathology
Gubner	Kevin	39	Pediatrics
Hemann	Holly	41	Pediatrics
Lorenger	Laura	43	Pediatrics
Lynch	Zach	45	Pediatrics
Reelfs	Anna	47	Pediatrics
Gjersvik	Caity	49	Pediatrics-Hospital Medicine
Rouabhi	Younes	51	Pharmacology
Brown	Caroline	53	Psychiatry
Theeler	Johanna	55	Psychiatry
Valente	Rachel	57	Psychiatry
Truong	Tuan	59	Psychology
Keeler	Gizzy	61	Radiation Research Laboratory
Gama	Garrick	63	Radiology
Grandgenett	Ryan	65	Urology
Vaske	Adam	67	Urology
Jennisch	Madeleine	69	Ophthalmology & Visual Sciences

Wednesday Poster Schedule (Alphabetical)			
LastName	FirstName	Poster#	Department
Acker	Stein	64	Pediatrics
Angle	Ethan	28	Internal Medicine
Armour	Kyle	54	Neurology
Braza	Sam	56	Neurology
Bremer Gama	Michelle	2	Anesthesia
Bryant	Paisley	22	Emergency Medicine
Chen	Tracy	14	Dermatology
Chen	Ethan	30	Internal Medicine
Cover	Paul	4	Anesthesia
Deshpande	Neena	66	Pediatrics
Fergus	Lauren	68	Pediatrics
Fifield	Chase	6	Anesthesia
Ford	Nolan	70	Pediatrics
Gao	Jason	32	Internal Medicine
Gehrmann	MT	52	Microbiology
Ghosh	Mahaasrei	34	Internal Medicine
Golden	Lexie	26	Epidemiology
Guo	Lydia	36	Internal Medicine
Haugstad	Grace	16	Dermatology
Heyrman	Joe	58	Neurology
Howell	John	8	Anesthesia
Langland	Christopher	18	Dermatology
Linn	Htut	38	Internal Medicine
Lorimor	Scott	40	Internal Medicine
Manchkanti	Srija	42	Internal Medicine
Nacos	Sarah	44	Internal Medicine
Ong	Jennifer	20	Dermatology
Pham	Spencer	10	Anesthesia
Phillips	Bella	46	Internal Medicine
Pollock	Tyler	48	Internal Medicine
Sivamurugan	Aravin	12	Anesthesia
Townsley	Anna	62	Obstetrics & Gynecology
Tran	Linh	50	Internal Medicine
Ulibarri	Laura	24	Emergency Medicine
Van Dam	Alex	60	Neurology

Thursday Poster Schedule (Alphabetical)			
LastName	FirstName	Poster#	Department
Alluri	Aditya	27	Otolaryngology - Head & Neck Surgery
Bartelt	Danny	29	Otolaryngology - Head & Neck Surgery
Biscoglia	Kyle	11	Orthopaedics and Rehabilitation
Borchard	Seth	13	Orthopaedics and Rehabilitation
Brown	Caroline	53	Psychiatry
Daniels	Will	15	Orthopaedics and Rehabilitation
Dhingra	Sandeep	37	Pathology
Dobson	Cale	17	Orthopaedics and Rehabilitation
Flom	Logan	31	Otolaryngology - Head & Neck Surgery
Gama	Garrick	63	Radiology
Gjersvik	Caity	49	Pediatrics-Hospital Medicine
Grandgenett	Ryan	65	Urology
Grimes	Kaitlyn	5	Ophthalmology & Visual Sciences
Gubner	Kevin	39	Pediatrics
Hemann	Holly	41	Pediatrics
Hill	Jared	19	Orthopaedics and Rehabilitation
Huebner	Michael	1	Molecular Physiology & Biophysics
Jennisch	Madeleine	69	Ophthalmology & Visual Sciences
Keeler	Gizzy	61	Radiation Research Laboratory
Kotla	Adi	25	Otolaryngology
Lorenger	Laura	43	Pediatrics
Lynch	Zach	45	Pediatrics
Orth	Claire	33	Otolaryngology - Head & Neck Surgery
Pellack	Danielle	3	Molecular Physiology & Biophysics
Reelfs	Anna	47	Pediatrics
Rouabhi	Younes	51	Pharmacology
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Tannenbaum	Eddie	35	Otolaryngology - Head & Neck Surgery
Theeler	Johanna	55	Psychiatry
Truong	Tuan	59	Psychology
Valente	Rachel	57	Psychiatry
Vaske	Adam	67	Urology
Wieting	Nate	23	Orthopaedics and Rehabilitation
Wilson	Karl	7	Ophthalmology & Visual Sciences
Young	Brian	9	Ophthalmology & Visual Sciences