



Research!Louisville

30th Annual Celebration of Biomedical Research
OCTOBER 13 - 17, 2025

SPONSORS





30th Annual Celebration of Biomedical Research



RESEARCH!LOUISVILLE

Research!Louisville 2025 marks its thirty year anniversary of annual celebrations of biomedical research sponsored by the University of Louisville and Norton Healthcare.

This document contains a listing of all posters presented during Research!Louisville 2025, which displays poster presentations by graduate students, medical and dental students, postdoctoral scholars, research associates, research staff, bioengineering co-op students, residents, fellows, public health students, nursing graduates and University of Louisville faculty members.

RESEARCH!LOUISVILLE GOALS

- Promote **EXCELLENCE** in health sciences research
- Promote **PUBLIC AWARENESS** of health sciences research
- Promote the **LOUISVILLE MEDICAL CENTER**
- Promote **HEALTH EQUITY**
- Generate **ADDITIONAL FUNDING** for health sciences research

RESEARCH!LOUISVILLE SCHEDULE

MONDAY, OCTOBER 13th

9am - Noon: Poster Presentations for Speed School Students

1 - 4pm: Poster Presentations for Clinical Fellows and Residents

Full Day Tables: Research Integrity and Research at the VA, and SPOG

MONDAY EVENTS

10 - 11am: Military and Veterans Toxic Exposure Research Program at UofL and Robley Rex Veterans Affairs Medical Center
CTRB: Room 124

Noon - 3pm: Collaborations on Community Engaged Research
CTRB: Room 101/102

TUESDAY, OCTOBER 14th

9am - Noon: Poster Presentation for Basic Science Graduates and PhD Students

1 - 4pm: Poster Presentations for Medical Students and Distinction Track Students

Full Day Tables: Research Integrity and Research at the VA, and SPOG

TUESDAY EVENTS

9am - 1pm: Louisville Clinical & Translational Research Center Annual Symposium
CTRB: Room 101/102

10am - 4pm: Immersive Technology Summit, Kornhauser Library – Keynote at Noon

1:30 - 3:30pm: Jewish Heritage Foundation Awardee Presentations
CTRB: Room 101/102

WEDNESDAY, OCTOBER 15th

9am - Noon: Poster Presentations for Postdocs, Research Associates and Research Staff

1 - 4pm: Poster Presentations for Dental and School of Public Health Students

Full Day Tables: Research Integrity and Research at the VA, and SPOG

WEDNESDAY EVENTS

9 - 11:30am: Consent to Research with Confidence: Design, Delivery and Documentation
CTRB: Room 124

9am - Noon: Core Facilities Showcase
CTRB: Lobby

10am - 1:45pm: Research!Louisville Pulse of Surgery Program
Kentucky Science Center

WEDNESDAY EVENTS CONTINUED

1 - 4pm: Postdoc Symposium
CTRB: Room 101/102

1 - 4pm: CIEHS Pilot Project and CUSP Awardee Presentations
CTRB: Room 124

THURSDAY, OCTOBER 16th

9am - 12pm: Poster Presentations for Faculty

1 - 4pm: Poster Presentations for Nursing Students

Full Day Tables: Research Integrity and Research at the VA, and SPOG

THURSDAY EVENTS

9 - 10am: Nature Masterclasses: Professional Development Training for Researchers and Scientists
Virtual Only

9am - Noon: Christina Lee Brown Envirome Institute Health and the Environment Symposium
CTRB: Room 124

Noon - 1:30pm: Health Equity Keynote: “From Algorithm to Bedside: Building Trustworthy AI for Health Communities”
Room 101/102

2:30 - 4pm: Research Fall Assembly from the School of Nursing
CTRB: Room 124

FRIDAY, OCTOBER 17th

FRIDAY EVENTS

9 - 10:15am: Protocol Considerations from Legal and Privacy: What to Know Before IRB Submission
CTRB: Room 124

10:30 - 11:30am: Fraudulent Research Participants to Return of Secondary Findings and Points in between: Learn from the IRB
CTRB: Room 124

1pm: Keynote Address:
Kei Koizumi
“U.S. Science, Research and Policy at the Semiquincentennial (250 Years)”
CTRB: Room 101/102

Award Ceremony and Reception to Follow
CTRB: Lobby

RESEARCH!LOUISVILLE 2025 EVENTS

MONDAY, OCTOBER 13th

10 - 11am: CTRB: Room 124

Military and Veterans Toxic Exposure Research Program at UofL and Robley Rex Veterans Affairs Medical Center

Dr. Matt Cave discusses this collaborative research program between the University of Louisville and Robley Rex Veterans Affairs Medical Center.

Noon - 3pm: CTRB: Room 101/102

Collaborations on Community Engaged Research

This event is designed to facilitate discussions and collaborations between the various community-engaged research initiatives at the University of Louisville. A couple of talks will include Dr. Luz Huntington-Moskos will discuss "Beyond the Algorithm: Advancing Community Engagement and Human Connection Amid AI Expansion" and Dr. Faye Jones will present "What HOPE Built: The Case for CBPR in Health Equity Research."

TUESDAY, OCTOBER 14th

9am - 1pm: CTRB: Room 101/102

Louisville Clinical & Translational Research Center Annual Symposium

In this half-day symposium, you will connect with peers, learn about current trends in clinical research, and discover new programs offered by the Louisville Clinical & Translational Research Center. You'll also hear from Presidential Scholars, the next generation of research leaders at the University of Louisville. The featured a keynote address will be given by Dr. Sally Hodder, a nationally recognized leader and the Associate Vice President for Clinical and Translational Science and Director of the West Virginia Clinical and Translational Science Institute.

10am - 4pm: Kornhauser Library
Immersive Technology Summit
Keynote at Noon

Are you interested in learning about artificial intelligence, augmented reality, and virtual reality for your research and coursework? Join us for the Immersive Technology Summit and discover how these innovative technologies can help you further your studies and how they are impacting the healthcare field. Speakers and technology experts will be on hand for demonstrations, questions, and more.

1:30 - 3:30pm: CTRB: Room 101/102
Jewish Heritage Foundation Awardee Presentations

Three recent JHF Awardees discusses their research. Dr. Brittany Badal will present: "Contraceptive Care Mobile Health", Dr. Carolyn Klinge will present: "Identifying and modifying m6A in mouse hepatocytes to model how environmental exposures and diet stimulate human liver disease", and Dr. Michal Hetman discusses his research on the integrated stress response and oligodendrocyte survival after spinal cord injury.

RESEARCH!LOUISVILLE 2025 EVENTS

WEDNESDAY, OCTOBER 15th

9 - 11:30am: CTRB: Room 124

Consent to Research with Confidence: Design, Delivery and Documentation

It's hybrid, so you can join remotely or in person.

Join us as an experienced team of researchers discuss ensuring effective consent processes - from the beginning of your conceptualizing your research to study closure and beyond. Our panel will consist of:

- Kyle Brothers, MD, PhD Professor of Pediatrics; Vice Chair of the Department of Pediatrics, Norton Healthcare
- Kristen Gossett, CCRC, Manager of Clinical Research Operations, Norton Children's Research Institute
- Sarah King, ACRP-CP, Director of Regulatory Affairs, Norton Healthcare Research Institute
- Paula Radmacher, PhD, Vice Chair, University of Louisville Biomedical IRB

Moderated by Cathy Carter, Human Subjects Protection Program.

9am - Noon: CTRB: Lobby **Core Facilities Showcase**

Stop by to learn about the many core facilities at the University of Louisville.

10am - 1:45pm: Kentucky Science Center **Research!Louisville Pulse of Surgery Program**

This annual program sponsored by the University of Louisville gives middle and high school students the opportunity to join us at Kentucky Science Center for a day that celebrates medical and health related careers. ~200 students join us on-site for this exciting day to participate in the Pulse of Surgery Program (view a livestream of an open-heart surgery and engage with the operating team) and rotate through sessions in our classroom spaces (20 minute sessions, with about 20 participants in each) with medical and health professionals to learn more about career pathways and fields. In addition to chatting with the students and fielding questions, we recommend bringing hands-on opportunities, demonstrations, tools, artifacts to engage the students and show them more about your work.

1 - 4pm: CTRB: Room 101/102 **Postdoc Symposium**

Selected oral presentations of our Postdoctoral Associates and Scholars.

1 - 4pm: CTRB: Room 124 **CIEHS Pilot Project and CUSP Awardee Presentations**

Join us for presentations from the CIEHS Pilot Project and Core Utilization Subsidy Program (CUSP) Awardees.

Pilot Project Awardees:

- Timothy O'Toole, PhD
- Becky Antle, PhD, MSSW, LMFT/Luz Huntington-Moskos, PhD, PN, CPN

Core Utilization Subsidy Program Awardees:

- Matt Cave, MD
Presenters:
Abigal Ekuban, PhD and Paxton Brizendine
- Banrida Wahlang, PhD
- Alex Carll, PhD
- Michael Merchant, PhD
- Lonnie Sears, PhD
- Charlie Zhang, PhD
Brian Guinn PhD, MPH, RN
- Jiapeng Huang, MD, PhD

RESEARCH!LOUISVILLE 2025 EVENTS

THURSDAY, OCTOBER 16th

9 -10am: Virtual Only

Nature Masterclasses: Professional Development Training for Researchers and Scientists

9am - Noon: CTRB: Room 124

Christina Lee Brown Envirome Institute Health and the Environment Symposium

Presentations will feature:

An overview of the Christina Lee Brown Envirome Institute research portfolio, highlights from UofL's Superfund Research Program, innovative strategies for outsmarting heart disease by flipping metabolic switches, and a look at the collaboration between the School of Public Health and the Envirome Institute

9am: The Science of Place and Health: Research at the Christina Lee Brown Envirome Institute Dr. Aruni Bhatnagar, Director, Christina Lee Brown Envirome Institute

9:30am: From Toxic Legacies to Healthier Futures: The Work of UofL's Superfund Research Dr. Sanjay Srivastava, Director UofL Superfund Research Center

10am: Heart Hacks: Rewiring Metabolism to Outsmart Disease Dr. Steve Jones, Director, Center for Cardiometabolic Science

10:30am: Envirome/School of Health Partnership: The Humana Center for Community Health Research Dr. Ted Smith – Director, Center for Healthy Air, Water and Soil, Interim Associate Dean for Research, School of Public Health and Information Sciences

11am: Reception - Envirome Institute Student/Faculty Posters

Noon - 1:30pm: Room 101/102

Health Equity Keynote:

“From Algorithm to Bedside: Building Trustworthy AI for Health Communities”

Please join this engaging presentation by Dr. Maia Hightower, MD, MPH, MBA. Dr. Hightower is the CEO and Founder, Veritas Healthcare Insights, CEO and Founder, Viteon Heath, and the Former EVP and Chief Digital and Technology Officer, University of Chicago Medicine.

1 - 4pm: CTRB: Room 124

Research Fall Assembly from the School of Nursing

Graduate Students at the School of Nursing present their work at Research!Louisville. Please join us! Posters: 1st Floor Lobby

1 - 2:30pm: CTRB: Room 124
Podium Presentations

2:30 - 2:50pm: Zahra Bakhtiyari
Fear of Cancer Recurrence and Rumination in Relation to Anxiety and Depression Among Ovarian Cancer Survivors: A Pilot Study

2:50 - 3:10pm: Mifleh Al Araydeh
Measuring Depression in HIV Risk Populations: Validation of the CES-D-10

3:10 - 3:30pm: Amani Abdulnabi
Predictors of Newly Licensed Nurses' Engagement in Quality Improvement: The Role of Education, Training, and Online Learning

3:30 - 3:50pm: Shubha Sapkota
A Pragmatic Framework of Resilient Mental Health of Parents of Children with Autism Spectrum Disorder Before and During COVID 19: A Mixed Systematic Realist Review

RESEARCH!LOUISVILLE 2025 EVENTS

FRIDAY, OCTOBER 17th

9 - 10:15am: CTRB: Room 124

Protocol Considerations from Legal and Privacy: What to Know Before IRB Submission

This session of Research!Louisville will give information on IRB submission assistance. It's hybrid, so you can join remotely or in person.

- What's that you're wearing? Research involving data and new technologies
- HIPAA: After 30 Years - do we understand why it's important?
- Students, student-athletes, and research: Why and when does FERPA matter?
- Where's your passport? Conducting international research

Our panel will consist of:

Shannon Pipes, JD, Senior Legal Council,
University of Louisville

Stacie McCutcheon, MA, CHPC, CCCP,
Privacy Officer, University of Louisville

Moderated by Christy LaDuke, MA, CIP,
Director, Human Subjects Protection Program

10:30 - 11:30am: CTRB: Room 124

Fraudulent Research Participants to Return of Secondary Findings and Points in between: Learn from the IRB

This session of Research!Louisville will give information on conducting compliant human subject research. It's hybrid, so you can join remotely or in person.

Co-Moderators:

Cathy J. Carter, CIP, IRB Coordinator
Christy LaDuke, CIP, HSPP Director

1pm: CTRB: Room 101/102

Keynote Address:

Kei Koizumi

"U.S. Science, Research and Policy at the Semiquincentennial (250 Years)"

Award Ceremony and Reception to Follow

CTRB: Lobby

RESEARCH!LOUISVILLE KEYNOTE ADDRESS

Kei Koizumi Keynote Address:

"U.S. Science, Research and Policy at the Semiquincentennial (250 Years)"

Kei Koizumi is a veteran science-policy expert based in Washington, DC, with extensive experience in government and science organizations. He served in the Biden Administration (2021 - 2025) in various senior roles at the White House Office of Science and Technology Policy, including Special Assistant to the President and Principal Deputy Director for Science, Society and Policy.

Mr. Koizumi led the National Science and Technology Council (2022 - 2024). Previously, he held roles at the American Association for the Advancement of Science and Office of Science and Technology Policy under President Obama.

Mr. Koizumi holds degrees from George Washington University (MA) and Boston University (BA) and is a Fellow of the American Association for the Advancement of Science.

1pm: Keynote Address

Clinical & Translational Research Building
Room 101/102



Kei Koizumi

RESEARCH! LOUISVILLE 2025 POSTER PRESENTATIONS

MONDAY: 9am - NOON

CATEGORY	ABSTRACT ID	PAGE
Bioengineering Co-op Students	ECO 1-1	10
Engineering Graduate Student—Doctoral Candidate	GDE 1-9	10
Engineering Graduate Student—Masters	GME 1-2	11

MONDAY: 1 - 4pm

CATEGORY	ABSTRACT ID	PAGE
Clinical Fellow	CRF 1-3	11
Medical Resident	RES 1-9	12

TUESDAY: 9am - NOON

CATEGORY	ABSTRACT ID	PAGE
Basic Science Graduate Student—Doctoral Candidate	GRD 1-32	13
Basic Science Graduate Student—Masters	GRM 1-16	16

TUESDAY: 1 - 4pm

CATEGORY	ABSTRACT ID	PAGE
Case Reports—Not Judged	CR 1-19	18
Medical Student	MED 1-39	20
Medical Student—Distinction Track	MD-DT 1-79	24

WEDNESDAY: 9am - NOON

CATEGORY	ABSTRACT ID	PAGE
Postdoctoral Associate/Scholar	PRF 1-18	33
Research Associate	RA 1-1	35
Research Staff	RS 1-10	35

WEDNESDAY: 1 - 4pm

CATEGORY	ABSTRACT ID	PAGE
Dental Student	D 1-70	36
Public Health Graduate Student—Doctoral Candidate	GPHD 1-15	43
Public Health Graduate Student—Masters	GPHM 1-3	45

THURSDAY: 9am - NOON

CATEGORY	ABSTRACT ID	PAGE
Faculty	F 1-14	46
Faculty in the LIAM Program	F-LIAM 1-5	47

THURSDAY: 1 - 4pm

CATEGORY	ABSTRACT ID	PAGE
Nursing Graduate Student	NUR 1-9	48

RESEARCH!LOUISVILLE ABSTRACT CITATIONS

MONDAY: 9am - Noon

Bioengineering Co-op Students

Ramy	Automated Synthesis of DNA-Gold Nanoparticles for Cancer therapy Using BioAssemblyBot. <u>Habiba Ramy</u> ¹ ; Ginx Arandelovic ¹ ; Martin O'Toole ¹ <i>Bioengineering</i> ¹ . [2025]	ECO-1
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Engineering Graduate Student—Doctoral Candidate

Abdelhalim	Time-varying pathogen transmission rates impede phylogeny-based epidemiological estimates. <u>Ibrahim Abdelhalim</u> ¹ ; Brittany Rife Magalis ² <i>Biochemistry and Molecular Genetics</i> ² , and <i>Computer Science & Engineering</i> ¹ . [2025]	GDE-1
Aboudessouki	A Novel AI Framework for Molecular Subtyping in Breast Cancer Histopathology Using Whole Slide Images. <u>Ahmed Aboudessouki</u> ¹ ; Hossam Magdy Balaha ² ; Mohamed Azam ² ; Dibson Gondim ³ ; Ayman El-baz ² <i>Bioengineering</i> ² , <i>Graduate School</i> ¹ , and <i>Pathology & Laboratory Medicine</i> ³ . [2025]	GDE-2
Almadani	MATLAB-based analysis of functional connectivity in thalamocortical networks using epilepsy stereoelectroencephalography (sEEG) data. <u>Ismat Almadani</u> ¹ ; Alyssa Scraper ² ; Ian Mutchnick ³ ; Cemal Karakas ⁴ ; Ayman EL-Baz ¹ ; Estate Sokhadze ¹ <i>Bioengineering</i> ¹ , <i>Neurological Surgery</i> ³ , <i>Neurology</i> ⁴ , and <i>Psychological and Brain Sciences</i> ² . [2025]	GDE-3
Azam	Histopathological Subtyping of Renal Cell Carcinoma Using a Texture-Informed Hybrid CNN-Transformer. <u>Mohamed Azam</u> ¹ ; Hossam Magdy Balaha ¹ ; Ahmed Aboudessouki ¹ ; Dibson Gondim ² ; Ayman El-baz ¹ <i>Bioengineering</i> ¹ , and <i>Pathology & Laboratory Medicine</i> ² . [2025]	GDE-4
Balaha	AI-Driven Breast Cancer Diagnosis and Reporting: A Multimodal Approach Integrating Whole Slide Image Analysis and Natural Language Report Generation. <u>Hossam Magdy Balaha</u> ¹ ; Khadiga Ali ² ; Ayman El-Baz ¹ <i>Bioengineering</i> ¹ , and <i>Mansoura University</i> ² . [2025]	GDE-5
Elsharkawy	Slice-Aware Deep Learning Framework for Early Diabetic Retinopathy Detection Using 3D OCT Volumes. <u>Mohamed Elsharkawy</u> ¹ ; Ibrahim Abdelhalim ¹ ; Ali Mahmoud ² ; Ayman El-Baz ² ; Harpal Sandhu ² <i>Bioengineering</i> ² , and <i>Computer Science & Engineering</i> ¹ . [2025]	GDE-6

Joshi	Use of inertial sensors to predict the changes in assistance in epidural stimulation assisted stepping in individuals with thoracic motor complete SCI.. <u>Kundan Joshi</u> ¹ ; Susan J. Harkema ² ; Maxwell Boakye ³ ; Claudia Angeli ⁴ <i>Bioengineering</i> ¹ , <i>Kessler Foundation</i> ² , <i>Neurological Surgery</i> ³ , and <i>Tim and Caroline Reynolds Center for Spinal Stimulation</i> ⁴ . [2025]	GDE-7
Shacklette	A Compact Three-Wavelength Spectrophotometer for Monitoring Freeze-Dried Red Blood Cell Rehydration in Preparation for Suborbital Flight. <u>Sienna Shacklette</u> ¹ ; Mark Mekhimar ¹ ; Islam Elgengehy ¹ ; Michael Mills ¹ ; Charles Elder ² ; Raha Taghizadeh Alamdari ¹ ; Kaley Stowers ¹ ; Jonathan Kopechek ¹ ; Michael Menze ² ; George Pantalos ³ ; Thomas Roussel ¹ <i>Bioengineering</i> ¹ , <i>Biology</i> ² , and <i>Cardiovascular and Thoracic Surgery</i> ³ . [2025]	GDE-8
Sharafeldein	AI-Based Prediction of Breast Cancer Response to Neoadjuvant Chemotherapy Using Multi-Parametric MRI and Clinical and Molecular Subtype Markers. <u>Ahmed Sharafeldein</u> ¹ ; Sohail Contractor ² ; Ayman El-Baz ¹ <i>Bioengineering</i> ¹ , and <i>Radiology</i> ² . [2025]	GDE-9

Engineering Graduate Student—Masters

Abdelrahim	Investigating AI-based ASD Detection with sMRI and SRS: Impact of Different p-Values. <u>Mostafa Abdelrahim</u> ¹ ; Mohamed Khudri ¹ ; Mohamed Ali ² ; Yaser ElNakieb ² ; Ahmed Shalaby ² ; Ali Mahmoud ¹ ; Sohail Contractor ³ ; Gregory Barnes ⁴ ; Ayman Elbaz ¹ <i>Bioengineering</i> ¹ , <i>Neurology</i> ⁴ , <i>Radiology</i> ³ , and <i>UTSW</i> ² . [2025]	GME-1
Khudri	AI-Based Diagnosis and Severity Profiling of Autism Spectrum Disorder Using White Matter Connectivity from Diffusion Tensor Imaging. <u>Mohamed Khudri</u> ¹ ; Mostafa Abdelrahim ¹ ; Ahmed Shalaby ² ; Ali Mahmoud ¹ ; Asem Ali ¹ ; Moumen Elmelegy ¹ ; Sohail Contractor ³ ; Gregory Barnes ⁴ ; Ayman El-Baz ¹ <i>Bioengineering</i> ¹ , <i>Neurology</i> ⁴ , <i>Radiology</i> ³ , and <i>UT Southwestern Medical Center</i> ² . [2025]	GME-2

MONDAY: 1 - 4pm

Clinical Fellow

Asif	"Disseminated Histoplasmosis with Ocular Stigmata and Dysphagia: An Unusual Case with Epiglottic Involvement". <u>Hamza Asif</u> ¹ ; Kenneth Hannan ¹ <i>Medicine</i> ¹ . [2025]	CRF-1
Miller	Automation of serum protein immunofixation electrophoresis interpretation with artificial intelligence (AI). <u>Hunter Miller</u> ¹ ; Bayan Alquran ¹ ; Morgan McCoy ¹ ; Tayyeb Ayyoubi ¹ ; Dibson Gondim ¹ ; Mark Linder ¹ <i>Pathology & Laboratory Medicine</i> ¹ . [2025]	CRF-2

Majeed	Cavitary Pulmonary Lues Maligna in an HIV-Negative Patient: A Rare Case and Literature Review. <u>Imad Majeed</u> ¹ ; Shafaq saleem ² ; Nishant Patel ¹ <i>Internal Medicine</i> ² , and <i>Medicine</i> ¹ . [2025]	CRF-3
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Medical Resident

Collis	Standardizing Port Closure Technique Decreases Infection Rate. <u>William Collis, MD</u> ¹ ; Michael Shumaker, MD ¹ ; Nana Ohene Baah, MD ¹ <i>Radiology</i> ¹ . [2025]	RES-1
Crane	Flow benefits of pediatric arterial cannulae versus introducer sheaths as distal perfusion catheters (DPC) in venoarterial extracorporeal membrane oxygenation (VA-ECMO). <u>Joshua Crane</u> ¹ ; Mark Slaughter ² ; Steven Koenig ³ ; Gretel Monreal ² <i>Bioengineering</i> ³ , <i>Cardiovascular and Thoracic Surgery</i> ² , and <i>Surgery</i> ¹ . [2025]	RES-2
Dehghani Firouzabadi	Adult Multiorgan Extension of Hemangioma and Lymphangioma with Superior Vena Cava Involvement. <u>Fatemah Dehghani Firouzabadi</u> ¹ ; Caroline Ploeger ² ; Nic Kemper ¹ ; Thomas Dykes ¹ <i>Radiology</i> ¹ , and <i>Undergraduate Medical Education</i> ² . [2025]	RES-3
Duffy	The Influence of Array Insertion Depth of Cochlear Implantation on Auditory Emotion Recognition. <u>James Duffy</u> ¹ ; Jerry Lin ¹ ; Elizabeth Cash ¹ ; Shae Morgan ¹ ; Camryn McClure ¹ ; Devaughn Crawford ¹ <i>Otolaryngology Head and Neck Surgery and Communicative Disorders</i> ¹ . [2025]	RES-4
Shah	Therapeutic Efficacy of Varenicline Tartrate in Resolving Alcohol Craving in Patients Suffering from Alcohol Use Disorder comorbid with Early-Stage Alcohol-Associated Liver Disease. <u>Aditya Shah</u> ¹ ; Dev Tyagi ² ; Aishwarya Thakurdesai ² ; Anjali Kumari ² ; Wanyu Zhang ³ ; Mariel Basa ² ; Maiying Kong ³ ; Sweta Ghosh ² ; Venkatakrishna R. Jala ² ; Xiang Zhang ² ; Walter H. Watson ² ; Ruchita Agrawal ¹ ; Christopher Stewart ¹ ; Ashwani K. Singal ² ; Craig J. McClain ² ; Vatsalya Vatsalya ² <i>Bioinformatics & Biostatistics</i> ³ , <i>Medicine</i> ² , and <i>Psychiatry and Behavioral Sciences</i> ¹ . [2025]	RES-5
Shumaker	Early Outcomes with LAVA: A New Liquid Embolic Agent at a Large Midwest Academic Center. <u>Rocklin Shumaker</u> ¹ ; Mohammad Abou El-Ezz ¹ ; Chadwick Nierva ¹ ; Nana Ohene-Baah ¹ <i>Radiology</i> ¹ . [2025]	RES-6
Steele	Plasma SIRPa as a prognostic marker to predict corticosteroid response and mortality upon hospitalization for alcohol-associated hepatitis patients. <u>Ethan Steele</u> ¹ ; David Malicote ¹ ; Josiah Hardesty ² ; Craig McClain ¹ ; Ashwani Singal ¹ <i>Medicine</i> ¹ , and <i>Pharmacology and Toxicology</i> ² . [2025]	RES-7

Tejuoso	Chemo-sensitizing Effect of Manzanine A in Prostate Cancer to Prevent Drug Resistance. <u>Ademilola Tejuoso</u> ¹ ; Uzoma Anele ¹ ; Murali Ankem ¹ ; Dev Karan ¹ <i>Urology</i> ¹ . [2025]	RES-8
Untaroiu	Uncovering the Source of Recurrent Pseudomonal Bacteremia in a Patient with Decompensated Cirrhosis. <u>Ana Untaroiu</u> ¹ ; Luis Marsano ¹ <i>Medicine</i> ¹ . [2025]	RES-9

TUESDAY: 9am - Noon

Basic Science Graduate Student—Doctoral Candidate

Almarshood	Role of a Pattern Recognition Receptor in Hypertensive Kidney Damage and Dysfunction. <u>Hebah Almarshood</u> ¹ ; Utpal Sen ¹ <i>Physiology</i> ¹ . [2025]	GRD-1
Capps	Vasoactive Effects of SPREE BAR E-Liquid and its Nicotine Analog, 6-Methylnicotine, in Murine Aorta. <u>Brandon Capps</u> ¹ ; Lexiao Jin ² ; Daniel Conklin ² <i>Medicine</i> ² , and <i>Physiology</i> ¹ . [2025]	GRD-2
Cifuentes Jimenez	Safety evaluation of EPICERTIN, an oral biotherapeutic candidate for treating ulcerative colitis: a 28-day repeated dose toxicity study. Jimmy Fernando <u>Cifuentes Jimenez</u> ¹ ; Noel Verjan ¹ ; Kelly Lee ² ; Wendy Kittle ¹ ; Nobuyuki Matoba ¹ <i>Chemical Engineering</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-3
Curren Ferrucci	Implementation of a Novel Teamwork Curriculum in the Dental Gross Anatomy Laboratory. <u>Catherine Curren Ferrucci</u> ¹ ; Jennifer Brueckner-Collins ¹ ; Nicole Herring ¹ <i>Anatomical Sciences & Neurobiology</i> ¹ . [2025]	GRD-4
Delnicki	Gettin' Piggy With It: Establishing Guinea Pigs As A Novel In Vivo Model For Studying Oral Hexavalent Chromium Toxicity. <u>Morgan Delnicki</u> ¹ ; Samuel Vielee ¹ ; Gabby Griffin ¹ ; Idoia Meaza ¹ ; Olusegun Ogunsuyi ¹ ; Fallou Gueye ¹ ; J. Calvin Kouokam ¹ ; Aggie Williams Brownell ¹ ; Nicolli Butzke de Souza ¹ ; Jack Easley ¹ ; Haiyan Lu ¹ ; Sandra Diven ¹ ; Rui Liu ² ; John Wise Jr. ³ ; John Wise Sr. ¹ ; Jamie Wise ¹ <i>College of Pharmacy</i> ² , <i>Department of Pharmacology & Experimental Therapeutics</i> ³ , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-5
Farrell	Glucose-containing carbohydrates modulate Group B Streptococcus growth and biofilm formation. <u>Christopher Farrell</u> ¹ ; Ryan Doster ² <i>Medicine</i> ² , and <i>Microbiology & Immunology</i> ¹ . [2025]	GRD-6
Feng	Impact of alcohol exposure on the liver and brain lipidomes of model mice with alcohol-associated liver disease. <u>Jing Feng</u> ¹ ; Fang Yuan ¹ ; Raobo Xu ¹ ; Xipeng Ma ¹ ; Regina Gasparetto ¹ ; Eugene Mueller ¹ ; Seongho Kim ² ; Liqing He ¹ ; Craig McClain ³ ; Irina Kirpich ⁴ ; Xiang Zhang ¹ <i>Chemistry</i> ¹ , <i>Medicine</i> ³ , <i>Microbiology & Immunology</i> ⁴ , and <i>Oncology</i> ² . [2025]	GRD-7

Garrison	Metal acquisition and metabolic mechanisms used by <i>Klebsiella pneumoniae</i> to overcome host calprotectin. <u>Taylor Garrison</u> ¹ ; Subarna Roy ¹ ; Thomas Kehl-Fie ² ; Aimee Potter ² ; Matthew Lawrenz ¹ <i>Department of Microbiology and Immunology</i> ² , and <i>Microbiology & Immunology</i> ¹ . [2025]	GRD-8
Gomes	PM2.5 exposure promotes premature aging and leads to endothelial dysfunction. <u>Daniel Gomes</u> ¹ ; Timothy O'Toole ² <i>Medicine</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-9
Griffin	Chromosome Instability and Lipid Accumulation: A Mechanistic Link in Cr(VI)-Driven Liver Disease Severity. <u>Gabrielle Griffin</u> ¹ ; Jamie Wise ¹ ; John Wise ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-10
Idowu	Filifactor alocis Modulates Efferocytosis to Drive Non-Resolving Inflammation in Periodontitis. <u>Ruth Idowu</u> ¹ ; Silvia M. Uriarte ¹ ; Richard Lamont ¹ ; Aruna Vashishta ¹ <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	GRD-11
Isom	A Molecular Switch in the Alphavirus Capsid: The Novel Role of T87. <u>Cierra Isom</u> ¹ ; V. Landers ² ; Kevin Sokoloski ¹ <i>Chan Medical School</i> ² , and <i>Microbiology & Immunology</i> ¹ . [2025]	GRD-12
Kaiser	Comprehensive characterization of LVV integration and impact on host cell biology using novel genomic technologies. <u>Catherine Kaiser</u> ¹ ; Ghazal Mehs ¹ ; Steven Nadakal ¹ ; Joanna Mroczkowska ² ; Julia Chariker ¹ ; William Tse ² ; Eric Rouchka ¹ ; Melissa Smith ¹ <i>Graduate School</i> ¹ , and <i>Medicine</i> ² . [2025]	GRD-13
Karki	Unraveling the Functions of Alphaviral Noncapped Genomic RNAs. <u>Deepa Karki</u> ¹ ; Kevin Sokoloski ¹ <i>Microbiology & Immunology</i> ¹ . [2025]	GRD-14
Kittle	EPICERTIN as a Candidate Oral Biotherapeutic for Mucosal Healing: Evaluating its Therapeutic Effects in Oxazolone-induced Colitis. <u>Wendy Kittle</u> ¹ ; Micaela Henderson ¹ ; Noel Verjan Garcia ² ; Jimmy Cifuentes ¹ ; Kelly Lee ³ ; Katarina Mayer ¹ ; Hong Li ⁴ ; Nobuyuki Matoba ¹ <i>Brown Cancer Center - Functional Immunomics Core</i> ⁴ , <i>Center for Predictive Medicine</i> ² , <i>Chemical Engineering</i> ³ , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-15
Mayer	Avaren-Fc: A Novel Lectin-Fc Fusion Protein for Treatment of Ovarian Cancer. <u>Katarina Mayer</u> ¹ ; Noel Verjan-Garcia ¹ ; Nobuyuki Matoba ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-16
Moni	Unraveling the Dance Between and the Alphavirus Capsid protein and Pelle During Antiviral Evasion. <u>Sayra Moni</u> ¹ ; Kevin Sokoloski ¹ <i>Microbiology & Immunology</i> ¹ . [2025]	GRD-17
Nadakal	Comparison of Latent Activation of Subtypes of HIV-1B and HIV-1C: A Project Proposal. <u>Steven Nadakal</u> ¹ ; Erin Elliott ¹ ; William Lauer ¹ ; Eric Rouchka ¹ ; Melissa Smith ¹ <i>Biochemistry and Molecular Genetics</i> ¹ . [2025]	GRD-18

Nasme	Investigating the role of IL-22 in Urolithin A-mediated protection against recurrent <i>C. difficile</i> infection. <u>Fariha Nasme</u> ¹ ; Sweta Ghosh ² ; Daniel Erickson ² ; James Collins ² ; Venkatakrishna Jala ² <i>Microbiology & Immunology</i> ² , and <i>Physiology</i> ¹ . [2025]	GRD-19
Podbicanin	Prenatal ENDS Product Use Increases Acetaminophen Induced Liver Damage in Select Juvenile Offspring. <u>Selma Podbicanin</u> ¹ ; Ragi Patel ¹ ; Carrie Olds ² ; Katelyn Chism ¹ ; Rachel Neal ¹ <i>Biology</i> ¹ , and <i>Centre College</i> ² . [2025]	GRD-20
Preston	Implementation and Evaluation of a Mindfulness-based Intervention on Compassion Fatigue and Depressive Symptoms in Perioperative Nurses: Quality Improvement. <u>Felicia Preston</u> ¹ ; Ratchneewan Ross ¹ <i>School of Nursing</i> ¹ . [2025]	GRD-21
Pugh	Mitogen activated protein kinase phosphatase 1 (MKP1) might play a role in dexamethasone resistance in patients with alcohol-associated hepatitis. <u>Seamus Pugh</u> ¹ ; Mary Nancy Walter ¹ ; Yali Wang ¹ ; Leila Gobejishvili ¹ <i>Physiology</i> ¹ . [2025]	GRD-22
Richardson	Defining Antibody Repertoires in Primary Immunodeficiencies. <u>Nadia Richardson</u> ¹ ; Lindsey Lankford ² ; Matilyn Shanahan ³ ; Easton Ford ¹ ; Zach VanWinkle ¹ ; William Lees ⁴ ; Emily Ricotta ⁵ ; Corey Watson ¹ ; Melissa Smith ¹ <i>Biochemistry and Molecular Genetics</i> ¹ , <i>Clareobio</i> ⁴ , <i>Medicine</i> ³ , <i>Preventive Medicine and Biostatistics</i> ⁵ , and <i>Undergraduate Medical Education</i> ² . [2025]	GRD-23
Roy	Battle for Metals: How <i>Yersinia pestis</i> outsmarts host Calprotectin. <u>Subarna Roy</u> ¹ ; Sarah L. Price ¹ ; Taylor M. Garrison ¹ ; Sabine Waigel ² ; Thomas E. Kehl-Fie ³ ; Aimee D. Potter ³ ; Matthew B. Lawrenz ¹ <i>Brown Cancer Center, University of Louisville</i> ² , <i>Department of Microbiology and Immunology</i> ³ , and <i>Microbiology & Immunology</i> ¹ . [2025]	GRD-24
Sanchez Vega	Investigating ZEB1 as a Regulator of Kidney Injury in a Repeated Low-Dose Cisplatin Model. <u>Dianet Sanchez Vega</u> ¹ ; Barbara O'Steen ² ; Mark Doll ² ; Dana Hammouri ¹ ; Adam Hetman ³ ; Theresa Weis Weis ⁴ ; Levi Beverly ² ; Leah Siskind ² <i>Biochemistry and Molecular Genetics</i> ⁴ , <i>Medicine</i> ² , <i>Pharmacology and Toxicology</i> ¹ , and <i>Undergraduate Medical Education</i> ³ . [2025]	GRD-25
Schroeder	N-acetyltransferase-1 CRISPR-Cas9 Knockout increases Mitochondrial Activity in Glioblastoma multiforme U87 cells. <u>Luke Schroeder</u> ¹ ; Mariam Refaat Zaky Habil ¹ ; David Hein ¹ ; Joshua Hood ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-26
Shahzad	Mobile Phone Auscultation to Determine Clinical Characteristics of Blunt and Penetrating Trauma Patients. <u>Junaid Shahzad</u> ¹ ; Martin Huecker ² ; Nick Nash ³ ; Aaron Kuzel ² ; Apsara Pitigalaarachchi ² ; Evan Otte ¹ <i>Emergency Medicine</i> ² , <i>Medicine</i> ¹ , and <i>Surgery</i> ³ . [2025]	GRD-27

Shefflette	The Use of Artificial Intelligence (AI) to Improve Medical Physiology Assessments. <u>Alex Shefflette</u> ¹ ; Cynthia Metz ¹ <i>Physiology</i> ¹ . [2025]	GRD-28
Sheneman	Manipulation of extracellular vesicle biogenesis aids Yersinia pestis pathogenesis. <u>Katelyn Sheneman</u> ¹ ; Timothy Cummins ² ; Michael Merchant ² ; Silvia Uriarte ³ ; Matthew Lawrenz ¹ <i>Medicine</i> ² , <i>Microbiology & Immunology</i> ¹ , and <i>Oral Immunology & Infectious Diseases</i> ³ . [2025]	GRD-29
Sumlut	Targeting METTL3 Induces a Metabolic Vulnerability in ER+ Breast Carcinoma Cells. <u>Mary Sumlut</u> ¹ ; Jing Feng ² ; Xiang Zhang ² ; Susan Dougherty ³ ; Yoannis Imbert-Fernandez ³ ; Carolyn Klinge ¹ ; Brian Clem ¹ <i>Biochemistry and Molecular Genetics</i> ¹ , <i>Chemistry</i> ² , and <i>Medicine</i> ³ . [2025]	GRD-30
Vielee	Caenorhabditis elegans as a Novel Model to Identify Neuronal Targets of Hexavalent Chromium. <u>Samuel Vielee</u> ¹ ; Pan Chen ² ; Romina Deza Ponzio ² ; Idoia Meaza ¹ ; Haiyan Lu ¹ ; Omar Prudencio ³ ; Michael Aschner ² ; Natalie Besaw ⁴ ; John Wise, Jr. ³ <i>Department of Molecular Pharmacology</i> ² , <i>NeuroWise Laboratory of Environmental Neurotoxicology</i> ³ , <i>Pediatrics</i> ⁴ , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRD-31
Walter	Deletion of mitogen-activated protein kinase phosphatase 1 (MKP1) in myeloid cells modifies susceptibility to alcohol-induced injury in a sex-dependent manner. <u>Mary Nancy Walter</u> ¹ ; Seamus Pugh ¹ ; Diego Montoya-Durango ¹ ; Yali Wang ¹ ; Walter Rodriguez ¹ ; JingWen Zhang ² ; Craig J. McClain ² ; Leila Gobejishvili ¹ <i>Medicine</i> ² , and <i>Physiology</i> ¹ . [2025]	GRD-32

Basic Science Graduate Student—Masters

Avera	Epidermal Growth Factor Receptor and Effector Protein Phosphorylation Altered by High Glucose. <u>Leighton Avera</u> ¹ ; Brian Ceresa ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRM-1
Benson	Virtual Reality (VR) and Music Therapy. <u>Hayley Benson</u> ¹ ; Lorna Segall ² ; Daniela Terson de Paleville ¹ <i>Music Therapy</i> ² , and <i>Physiology</i> ¹ . [2025]	GRM-2
Calvin	Sex-Specific Responses to PTEN-Induced Neuronal Growth. <u>Sydney Calvin</u> ¹ ; Erika Rosado ¹ ; Mariajose Metcalfe ¹ <i>Anatomical Sciences & Neurobiology</i> ¹ . [2025]	GRM-3
Celis	Production and Initial Characterization of Avaren Lectin for Structural and Biophysical Analysis. <u>Ian Celis</u> ¹ ; Gabriela Schneider ² ; Nichola Garbett ² ; Nobuyuki Matoba ¹ <i>Medicine</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRM-4
Ferrill	Novel small molecule inhibitors of PD-1 to enable checkpoint inhibition in pediatric gliomas. <u>Rachel Ferrill</u> ¹ ; Robert Monsen ² ; Joseph Burlison ² ; John Trent ² ; Geoffrey Clark ¹ <i>Medicine</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRM-5

Garrido Recalde	A Genetic Switch for Functional Recovery After Spinal Cord Injury Using Bioengineered AAVs. <u>Allyson Aneth Garrido Recalde</u> ¹ ; Saphira Chiu ¹ ; Mariajose Metcalfe ¹ <i>Anatomical Sciences & Neurobiology</i> ¹ . [2025]	GRM-6
Hetman	Effects of GDF-15 on Cisplatin Induced Renal Injury. <u>Adam Hetman</u> ¹ ; Dianet Sanchez Vega ² ; Jeffrey Yeung ¹ ; Mark Doll ¹ ; Barbara O'Steen ¹ ; Levi J. Beverly ¹ ; Leah J. Siskind ¹ <i>Medicine</i> ¹ , and <i>Pharmacology and Toxicology</i> ² . [2025]	GRM-7
Jasper	A Time-Based Analysis of Ventricular Dysfunction in FVB Akita Mice. <u>Genell Jasper</u> ¹ ; Dakotah Cathey ¹ ; Lu Cai ² ; Jiapeng Huang ³ <i>Anesthesiology</i> ³ , <i>Pediatrics</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRM-8
Johnson	Exploring Stress and Cardiovascular Risk Indicators Across Sociodemographic and Environmental Factors in Green Heart Louisville Cohort. <u>Sidney Johnson</u> ¹ ; Daniel Riggs ² ; Cameron Stopforth ² ; Ray Yeager ² ; Joy Hart ³ ; Kandi Walker ³ ; Aruni Bhatnager ² ; Rachel Keith ² <i>Communication</i> ³ , <i>Medicine</i> ² , and <i>Physiology</i> ¹ . [2025]	GRM-9
Kropp	Metabolic Reprogramming of Macrophages by Targeting Nit2 and Glutaminase in the Tumor Microenvironment. <u>Kasey Kropp</u> ¹ ; Beatriz Rendon ² ; Becca Baby ² ; Robert Mitchell ³ <i>Medicine</i> ² , <i>Pharmacology and Toxicology</i> ¹ , and <i>Surgery</i> ³ . [2025]	GRM-10
Limon	Yersinia pestis Actively Inhibits Extracellular Vesicle Biogenesis by Neutrophils to Influence Bystander Macrophage Polarization. <u>Belayet Hasan Limon</u> ¹ ; Katelyn Sheneman ¹ ; Matthew Lawrenz ¹ <i>Microbiology & Immunology</i> ¹ . [2025]	GRM-11
Makhloufi	β -alanine Supplementation Improves Cardiac Function in a Two-Hit Mouse Model of HFpEF. <u>Jamila Makhloufi</u> ¹ ; Benjamin Doelling ¹ ; Mamata Chaudhari ² ; David Hoetker ³ ; Kenneth Brittian ³ ; Shahid Baba ¹ <i>Biochemistry and Molecular Genetics</i> ¹ , <i>Medicine</i> ³ , and <i>Physiology</i> ² . [2025]	GRM-12
Mohamed	Harnessing Large Language Model for Pathological Complete Response Prediction in Breast Cancer. <u>Walid Mohamed</u> ¹ ; Ibrahim Abdelhalim ¹ ; Sohail Contractor ² ; Brian Dong ³ ; Ayman El-Baz ¹ <i>Bioengineering</i> ¹ , <i>Medicine</i> ³ , and <i>Radiology</i> ² . [2025]	GRM-13
Padmaraj	Dietary Protein Supplementation Reverses Premature Aging in a Drosophila Model of Werner Syndrome. <u>Pallavi Padmaraj</u> ¹ ; Dae Sung Hwangbo ¹ <i>Biology</i> ¹ . [2025]	GRM-14

Rafiei	RNA-Dependent Molecular Clock Calibration of HIV DNA Origins Reveals Ongoing Viral Replication In Multiple Tissues During Suppressive cART. <u>Faezeh Rafiei</u> ¹ ; Melanie N Cash ² ; Jose L Estrada ² ; Helen Bai ³ ; Elizabellah Patrick ³ ; Joseph Nidhiry ³ ; Marco Salemi ² ; Brittany Magalis ¹ <i>Biochemistry and Molecular Genetics</i> ¹ , <i>High School</i> ³ , and <i>University of Florida</i> ² . [2025]	GRM-15
Tian	Investigating the role of the malate-aspartate shuttle in fibroblast differentiation. <u>Yu Tian</u> ¹ ; Snigdha Suluru ² ; Caroline Toler ² ; Connie Watt ² ; Andrew Gibb ² <i>Medicine</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	GRM-16

TUESDAY: 1 - 4pm

Case Reports—Not Judged

Abou El-Ezz	Variant Adrenal Anatomy Distorts Adrenal Venous Sampling Interpretation. <u>Mohammad Abou El-Ezz</u> ¹ ; Rocklin Shumaker ¹ ; Nierva Chadwich ¹ ; Yaw Ohene-Baah ¹ <i>Radiology</i> ¹ . [2025]	CR-1
Carr	Iatrogenic Seeding and Recurrence of a Truncal Lipoma Following Liposuction. <u>Quinton Carr</u> ¹ ; Colton Connor ¹ ; Ryan Cantrell ¹ ; Bradon Wilhelmi ¹ <i>Surgery</i> ¹ . [2025]	CR-2
Gable	A hybrid surgical approach with cerebral protection for the treatment of symptomatic Innominate artery thrombosis. <u>Cara Gable</u> ¹ ; Gerald Cheadle ² <i>Medicine</i> ¹ , and <i>Surgery</i> ² . [2025]	CR-3
Hong	Ectopic Variceal Hemorrhage Refractory to TIPS Creation. <u>Grace Hong</u> ¹ ; Mohammad Abou El-Ezz ¹ ; Rocklin Shumaker ² ; Chadwick Nierva ¹ ; Erin Priddy ² ; Yaw Ohene-Baah ² <i>Radiology</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	CR-4
Kuvliev	Crossed Fused Renal Ectopia With Bilateral Obstruction: Navigating Complex Anatomy in a Nephrostomy Tube Replacement. <u>Enio Kuvliev, Jr.</u> ¹ ; Mohammad Abou El-Ezz ¹ ; M. Rocklin Shumaker ² ; Yaw Ohene-Baah ² ; Michael A. Chorney ² ; Sohail Contractor ² ; Thomas Dykes ² <i>Radiology</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	CR-5
Maxwell	Esophageal “dumping” syndrome as a complication of mediastinal pseudocyst management: a case report. <u>Hunter Maxwell</u> ¹ ; Raviteja Suryadevara ¹ ; Thomas Dykes ¹ <i>Radiology</i> ¹ . [2025]	CR-6
Maya	Laryngeal Histoplasmosis Masquerading as Epiglottic Malignancy in an Immunocompetent Adult. <u>Tala Maya</u> ¹ ; Seham Azzam ¹ ; Daniel Vinh ¹ <i>Otolaryngology Head and Neck Surgery and Communicative Disorders</i> ¹ . [2025]	CR-7

Miller	Concurrent Esophageal and Parastomal Variceal Bleeding Managed with Single Session TIPS and Embolization in the Setting of Portal and Mesenteric Venous Thrombosis. <u>Joseph Miller</u> ¹ ; Nana Ohene Baah ² <i>Medicine</i> ¹ , and <i>Radiology</i> ² . [2025]	CR-8
Nierva	Restoring Caval Patency After Liver Transplant: Outcomes of Balloon Angioplasty and Stent Placement. <u>Chadwick Nierva</u> ¹ ; Michael Shumaker ¹ ; Mohammad Abou El-Ezz ¹ ; Cameron Ghazi ¹ ; Yaw Ohene Baah ¹ <i>Radiology</i> ¹ . [2025]	CR-9
Patel	Anesthetic management for a patient with a chronic Hangman's fracture and amide local anesthetic allergy requiring cesarean. <u>Amini Patel</u> ¹ ; Neel Patel ¹ ; Katelyn Williams ¹ ; Braden Bocard ¹ <i>Anesthesiology</i> ¹ . [2025]	CR-10
Raj	Transjugular Intrahepatic Portosystemic Shunt (TIPS) Placement in a Patient with Refractory Ascites and Hepatic Hydrothorax: A Case of Reduced Paracentesis Burden Following Intervention. <u>Matthew Raj</u> ¹ ; Chadwick Nierva ¹ ; Michael Shumaker ¹ ; Mohammad Abou El-Ezz ¹ ; Nana Ohene Baah ¹ <i>Radiology</i> ¹ . [2025]	CR-11
Render	Percutaneous Mechanical Thrombectomy for Inferior Vena Cava Thrombus in a Postpartum Patient With Disseminated Intravascular Coagulation. <u>Ally Render</u> ¹ ; Jack Dillon ² ; Ziad Smiley ² <i>Medicine</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	CR-12
Sample	A Rare Anomaly: Left Main Coronary Artery Fistula Terminating in the Left Atrial Appendage and Pulmonary Artery. <u>Riley Sample</u> ¹ ; Emily Converse ² ; Deepak Vedamurthy ² ; Matthew Shotwell ² ; Dinesh Kalra ² <i>Medicine</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	CR-13
Shalash	Radiologic and Clinical Course of Moyamoya Disease in an Atypical Demographic: A Case Report. <u>Rahim Shalash</u> ¹ ; Sam Bockhorst ² ; Jonathan Joshi ² <i>Medicine</i> ¹ , and <i>Radiology</i> ² . [2025]	CR-14
Sinha	Emergent Endovascular Repair of Right Common Carotid Artery Injury After Drain Removal in a Post-Surgical and Irradiated Neck. <u>Aman Sinha</u> ¹ ; Gerald Cheadle ¹ <i>Surgery</i> ¹ . [2025]	CR-15
Thompson	"Stent-ball" formation: A Unique Complication of Venous Thrombectomy. <u>Samuel Thompson</u> ¹ ; Raviteja Suryadevara ¹ ; Erin Priddy ¹ <i>Radiology</i> ¹ . [2025]	CR-16
Wilson	Rumpel-Leede Sign following Percutaneous Coronary Intervention. <u>Chris Wilson</u> ¹ ; Mustafa Almosawi ¹ ; Fares Kasem ¹ ; Zach Meili ¹ ; Marcus Stoddard ¹ <i>Medicine</i> ¹ . [2025]	CR-17
Wyatt	Post-Traumatic Bilateral Cranial Nerve VI Palsy in a Pediatric Patient: A Case Report. <u>Cole Wyatt</u> ¹ ; Margaret Means ¹ <i>Neurology</i> ¹ . [2025]	CR-18

Zavos	Cybersecurity Education Integration at Augusta University: Case Study. <u>Theodora Zavos</u> ¹ ; Mohammad Abou El-Ezz ¹ ; Bailey Cox ¹ ; Le’Keshia Ellery ¹ ; Enio Kuvliev ¹ ; Idhaya Vasu ¹ ; Beth Spurlin ¹ ; In Kim ¹ <i>Medicine</i> ¹ . [2025]	CR-19
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Medical Student

Ajmani	Exploring the Inheritance Patterns of Myotonia Congenita: Expanding the Genetic Spectrum. <u>Anisha Ajmani</u> ¹ ; Jacob Ritchie ² ; Chris Barton ² ; Arpita Lakhota ² ; Amanda Rogers ² <i>Medicine</i> ¹ , and <i>Neurology</i> ² . [2025]	MED-1
Buck	Evaluation of Content Knowledge and Question Fidelity via Confidence Ranking. <u>Robert Buck</u> ¹ ; Craig Ziegler ² ; Jennifer Brueckner-Collins ³ <i>Anatomical Sciences & Neurobiology</i> ³ , <i>Medicine</i> ¹ , and <i>Undergraduate Medical Education</i> ² . [2025]	MED-2
Connor	Using Antibiotic-Impregnated Discs for Infection Control in Implant-Based Breast Reconstruction. <u>Colton Connor</u> ¹ ; Quinton Carr ¹ ; Alexander Mostovych ¹ ; Jacob Katsnelson ¹ ; Ryan Shapiro ¹ <i>Surgery</i> ¹ . [2025]	MED-3
Cortez-Thomas	Design and Evaluation of a Combined Nasogastric–Transesophageal Pacing Device for Post-Operative Infant Arrhythmias: A Proof-of-Concept Prototype. <u>Francisco Cortez-Thomas</u> ¹ ; Sydney Herold ¹ ; Soham Dasgupta ¹ <i>Medicine</i> ¹ . [2025]	MED-4
Dairi	Using breath analysis to diagnose heart failure. <u>Zakaria Dairi</u> ¹ ; Kirsten Waits ² ; Xiao-An Fu ² ; Jiapeng Huang ¹ <i>Anesthesiology</i> ¹ , and <i>Chemical Engineering</i> ² . [2025]	MED-5
Deckard	Project H.E.A.L.: A Pathway Program for Students, Run by Students. <u>Mikayla Deckard</u> ¹ ; Jennifer Kreinik ¹ ; Christie Buonpane ² <i>Surgery</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-6
Deljoo	Management of Uterine Rupture in a Term Patient After Motor Vehicle Accident: A Case Report. <u>Lilly Deljoo</u> ¹ ; Emily Major ¹ ; Stewart Carter ² ; Justin Jatczak ¹ <i>Obstetrics, Gynecology & Women’s Health</i> ¹ , and <i>Pediatrics</i> ² . [2025]	MED-7
Dillibabu	Durability of One- and Two-Level Lumbar Fusion Surgeries: A Survivorship Analysis Based on Reoperation Rates. <u>Surya Dillibabu</u> ¹ ; Charles Crawford ² ; Leah Carreon ² ; Justin Mathew ² ; Jeffrey Gum ² ; Mladen Djurasovic ² ; Steven Glassman ² <i>Norton Leatherman Spine Center</i> ² , and <i>Orthopedics</i> ¹ . [2025]	MED-8
Dodds	Revision TKA in the Morbidly Obese Patient. <u>John Dodds</u> ¹ ; Eric Metzman ² ; Alexa Figueroa ¹ ; Mohammad El-Ezz ¹ ; Langan Smith ² ; Mark Gendi ² ; Madhusudhan Yakkanti ² ; Arthur Malkani ² <i>Orthopedics</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-9

Duff	Institutional Experience with Neoadjuvant Therapy for Advanced Melanoma. Bailee Duff ¹ ; Claire Kennedy ² ; Quinn Piamonte ¹ ; Charles Scoggins ¹ ; Robert Martin ¹ ; Prejesh Philips ¹ ; Jason Chesney ¹ ; Kelly McMasters ¹ ; Michael Egger ¹ <i>Surgery¹, and Undergraduate Medical Education². [2025]</i>	MED-10
Duffy	Results of Revision Total Knee Arthroplasty Using Robotic Assisted Technology. A Preliminary Review. Rebecca Duffy ¹ ; Mark Gendi ² ; Jacob Williamson ² ; Langan Smith ² ; Andrew Swiergosz ² ; Madhusudhan Yakkanti ² ; Arthur Malkani ² <i>Medicine¹, and Orthopedics². [2025]</i>	MED-11
Fernandez	A descriptive analysis of the impact of fast-food consumption on colorectal cancer and early-onset colorectal cancer risk. John Fernandez ¹ ; Sandy Kavakulas ¹ ; Natalie DuPre ² ; Jeevan Adhikari ² <i>Epidemiology & Population Health², and Surgery¹. [2025]</i>	MED-12
Garvey	The Lipliner Artifact is a Frequent Mimic of Free Fluid in FAST and eFAST Exams. John Garvey IV ¹ ; Aaron Zhang ¹ ; Apsara Pitigalaarachchi ² ; Alexandra Bequer, MD ¹ ; John-Matthew Ang ¹ ; Kyle Hitchman, DO ¹ ; Kyle Coffman, MD ¹ ; Garrett Stults, DO ¹ ; Jeffery Baker, MD ¹ ; Kahra Nix, MD ¹ <i>Bioinformatics & Biostatistics², and Emergency Medicine¹. [2025]</i>	MED-13
Hart	Predictive Value of Standard of Care Preoperative Serum Biomarkers & Ratios on Hepatocellular Carcinoma Recurrence after Curative Microwave Ablation. Paige Hart ¹ ; Robert Martin ¹ ; Prejesh Philips ¹ ; Charles Scoggins ¹ ; Michael Egger ¹ ; Kelly McMasters ¹ <i>Surgery¹. [2025]</i>	MED-14
Head	The Impact of NSAIDs vs. Opioids on Fracture Healing in Weber B and C Ankle Fractures: A Binational Matched Cohort Study. Maggie Head ¹ ; Behrad Bakhtiari Sirjani ¹ ; John Whitaker ² ; Salwa Rashid ² ; Mauricio Parra ³ ; Rodolfo Zamora ² <i>Hospital Mutual de Seguridad, Chile³, Orthopedics², and Undergraduate Medical Education¹. [2025]</i>	MED-15
Heard	EPICERTIN, a Biotherapeutic Candidate for Inflammatory Bowel Disease: Evaluating Its Binding Profile to Human Colon Tissues. Whitney Heard ¹ ; Wendy Kittle ² ; Noel Verjan Garcia ³ ; Susan Galandiuk ⁴ ; Nobuyuki Matoba ² <i>Center for Predictive Medicine for Biodefense and Emerging Infectious Diseases³, Pharmacology and Toxicology², Surgery⁴, and Undergraduate Medical Education¹. [2025]</i>	MED-16
Hopewell	Relationships between Pathological Exercise and Autonomic Phenotypes in People on the Anorexia Nervosa Spectrum. Zoe Hopewell ¹ ; Amy Jordan ² ; Rachel Torres ² ; Tasnem Khanjar ³ ; Pallavi Saxena ² ; April Smith ⁴ ; Cheri Levinson ² <i>Bioengineering³, Department of Psychological Sciences⁴, Medicine¹, and Psychological and Brain Sciences². [2025]</i>	MED-17

Huang	Long COVID Symptoms are Significantly Associated with Low Density and Normal Density Neutrophil Markers. <u>Emma Huang</u> ¹ ; T'shura Ali ¹ ; Winky Wan ¹ ; Maiying Kong ¹ ; Jun Yan ¹ ; Jiapeng Huang ¹ <i>Medicine</i> ¹ . [2025]	MED-18
Jaikumar	Immunohistochemical Characterization of Post-Synaptic Retinal Neuron Subtypes in a Transgenic Swine Model of Retinitis Pigmentosa. <u>Gita Jaikumar</u> ¹ ; Archana Jalligampala ¹ ; Maureen McCall ¹ <i>Ophthalmology & Visual Sciences</i> ¹ . [2025]	MED-19
Jewett	Does Age Influence the Micrometastatic Tumor Burden in Melanoma Patients with Positive Sentinel Lymph Nodes? <u>Megan Jewett</u> ¹ ; Rachel Goff ¹ ; Quinn Piamonte ² ; Prejesh Philips ² ; Charles Scoggins ² ; Robert Martin ² ; Kelly McMasters ² ; Michael Egger ² <i>Medicine</i> ¹ , and <i>Surgery</i> ² . [2025]	MED-20
John	From Blood Types to Base Pairs: High School Students Decode Their Own ABO Gene. <u>Vishal John</u> ¹ ; Lucia Moscola ² ; Ava Dornseif ³ ; Ziqi Guo ⁴ ; Inhan Lee ⁵ <i>Bryn Mawr College</i> ² , <i>California Polytechnic State University</i> ³ , <i>Medicine</i> ¹ , <i>MiRcore</i> ⁵ , and <i>University of California Los Angeles</i> ⁴ . [2025]	MED-21
Kaur	Trends in the Utilization of Surgical Modalities for the Treatment of Pituitary Adenomas: A Comprehensive 14-Year Analysis Using International Multi-center Database. <u>Arshi Kaur</u> ¹ ; Rahim Abo Kasem ¹ ; Charles Froman-Glover ¹ ; Beatrice Ugiliweneza ¹ ; Brian Williams ¹ <i>Neurological Surgery</i> ¹ . [2025]	MED-22
Kyser	Characterization of Lactobacilli-containing catheter segments developed by the use of selective laser sintered mold. <u>Anthony Kyser</u> ¹ ; Caden Maners ¹ ; Davis Verhoeven ¹ ; Bassam Fotouh ¹ ; Arielle Greiner ¹ ; Hermann Frieboes ¹ <i>Bioengineering</i> ¹ . [2025]	MED-24
Lepovsky	Developing a Community-Engaged Framework and Methodology to Capture Birthing Narratives in a Kinyarwandan Speaking Population. <u>Elizabeth Lepovsky</u> ¹ ; Lilly Deljoo ¹ ; Iona Palmer ¹ ; Emily Root ¹ ; Sara Petruska ¹ ; Alison Goulding ² ; Tiffany Tonismae ¹ <i>Baylor College of Medicine</i> ² , and <i>Obstetrics, Gynecology & Women's Health</i> ¹ . [2025]	MED-25
Maine	Regional Nerve Blockade as an Adjunct in Pediatric Single Incision Laparoscopic Appendectomy. <u>Hope Maine</u> ¹ ; Stewart Carter ² ; Christie Buonpane ² ; Lyndsey Armes ¹ <i>Graduate School</i> ¹ , and <i>Surgery</i> ² . [2025]	MED-26
Mattingly	Evaluating Climate Change and Cardiovascular Health. <u>Cameron Mattingly</u> ¹ ; Samuel Edgmon ¹ ; Ray Yeager ¹ <i>Medicine</i> ¹ . [2025]	MED-27
Ogundiran	Evaluating the documentation of the transition of care process for adolescents with epilepsy: Insights from a pediatric neurology clinic. <u>Olukemi Ogundiran</u> ¹ ; Jaime Shoup ¹ ; Craig Ziegler ¹ ; Michael Sowell ¹ ; Cemal Karakas ¹ ; Gregory Barnes ¹ <i>Medicine</i> ¹ . [2025]	MED-28

Otte	Mobile phone auscultation to detect carotid stenosis and cerebral ischemia. <u>Evan Otte</u> ¹ ; Martin Huecker ¹ <i>Emergency Medicine</i> ¹ . [2025]	MED-29
Rachan	Non-Invasive Monitoring of Cerebral Autoregulation in Patients with Brain Injury. <u>Vasav Rachan</u> ¹ ; Jiapeng Huang ² <i>Anesthesiology</i> ² , and <i>Medicine</i> ¹ . [2025]	MED-30
Russell	Defining the optimal therapy for resectable intrahepatic cholangiocarcinoma: A systematic review and evaluation of single institutional data. <u>Brady Russell</u> ¹ ; Robert Martin ¹ <i>Surgery</i> ¹ . [2025]	MED-31
Sanati	Recent Trends in Interventional Radiology Trauma Embolization at a Level 1 Trauma Center. <u>Milad Sanati</u> ¹ ; Trey Kinison ¹ ; Nick Kemper ¹ ; Alex Myers ¹ ; Keith Miller ² ; Jonathan Joshi ¹ <i>Radiology</i> ¹ , and <i>Surgery</i> ² . [2025]	MED-32
Schultz	Identifying Biomarkers of Muscle Dysfunction Driving Chemoradiation-Induced Dysphagia in a Rat Model. <u>Julianne Schultz</u> ¹ ; Abigail Kuntz ¹ ; Suzanne King ¹ <i>Otolaryngology Head and Neck Surgery and Communicative Disorders</i> ¹ . [2025]	MED-33
Sparks	c-Cbl vs. Cbl-b function in corneal epithelial cells: a proteomic approach to functional specificity. <u>Daniel Sparks</u> ¹ ; Brian Ceresa ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	MED-34
Tinkler	Medicare Part D Prescribing Patterns of Adalimumab and Methotrexate in Appalachian Counties in Kentucky and Tennessee. <u>Claire Tinkler</u> ¹ ; Rebecca Olsen ² <i>Northwest Medical Center Transitional Year Residency Program</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-35
Utter	Intramedullary Nailing of Femoral Shaft Fractures: Significance of Screw Breakage? <u>Taylor Utter</u> ¹ ; Josue Balbuena ¹ ; Eric Metzman ¹ ; Rodolfo Zamora ¹ <i>Orthopedics</i> ¹ . [2025]	MED-36
Vemuri	Requirement Of High-Mannose Glycans For Avaren-Fc, a Novel Immunotherapeutic for Ovarian Cancer. <u>Sreevatsa Vemuri</u> ¹ ; Katarina Mayer ² ; Nobuyuki Matoba ² <i>Medicine</i> ¹ , and <i>Pharmacology and Toxicology</i> ² . [2025]	MED-37
Voor	Pelvic abscess post-appendectomy from dropped appendicoliths. <u>Sarah Voor</u> ¹ ; Ramakrishna Bysani ¹ <i>Radiology</i> ¹ . [2025]	MED-38
Ware	Primary TKA Using a Functional Alignment Concept with Femur Versus Tibia First Technique: Does it Make a Difference? <u>Wyatt Ware</u> ¹ ; Joseph Henningsen ² ; John Whitaker ² ; Rohat Bhimani ² ; Gavin Clark ³ ; Dermot Collopy ³ ; Serene Lee ³ ; Wiley Cain ¹ ; Langan Smith ² ; Arthur Malkani ² <i>Orthopedics</i> ² , <i>Perth Hip & Knee</i> ³ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-39

Medical Student—Distinction Track

Abozaid	Validating Predicted miR-362-5p Targets in Ker-CT Human Keratinocytes. <u>Leen Abozaid</u> ¹ ; Jared Scott ¹ ; J. Christopher States ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	MED-DT-1
AlQuran	Differential Effects of Obstacle Negotiation Following T10 Spinal Hemisection in the Yucatan Minipig. <u>Abdurrahman AlQuran</u> ¹ ; Landry Konan ² ; Wilbur Osteen ² ; Maria Boczek ³ ; Zoha Ahmed ³ ; Steve Davison ² ; Dena Howland ² <i>Anatomical Sciences & Neurobiology</i> ² , <i>Biology</i> ³ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-2
Alfieri	Effect of IFN- γ on PDL1 Expression and Macrophage Markers in a Murine Colorectal Cancer Model. <u>Toriana Alfieri</u> ¹ ; Anne Macleod ² ; Abigail Chambers ³ ; Maya Rao ³ ; Robert Beal ¹ ; Susan Galandiuk ¹ <i>College of Medicine</i> ³ , <i>Physiology</i> ² , and <i>Surgery</i> ¹ . [2025]	MED-DT-3
Almosawi	EEG-based source localization (ESL) of epilepsy spikes onset zone using interictal activity in pediatric case series. <u>Mustafa Almosawi</u> ¹ ; Francisco Cortez-Thomas ² ; Norah Hill ² ; Alyssa Scraper ³ ; Ian Mutchnick ³ ; Estate Sokhadze ⁴ <i>Anatomical Sciences & Neurobiology</i> ² , <i>Neurological Surgery</i> ¹ , <i>Pediatric Neurosurgery</i> ³ , and <i>Psychiatry and Behavioral Sciences</i> ⁴ . [2025]	MED-DT-4
Armes	A Demographic Analysis of Patients Missing Post-Operative Follow-Up Appointments in Pediatric Surgery. <u>Lyndsey Armes</u> ¹ ; Stewart Carter ² ; Christie Buonpane ² <i>School of Medicine</i> ¹ , and <i>Surgery</i> ² . [2025]	MED-DT-5
Baier	Outline of Immigration Advocacy in Medical Education and Resident Outreach Module to Increase Immigration Advocacy in Kentucky Physicians. <u>Elizabeth Baier</u> ¹ ; Anisha Ajmani ¹ ; Sheridan Langford ² ; John Ang ¹ ; Megana Iyer ¹ ; Tasneem Karim ² <i>Pediatrics</i> ² and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-6
Bailey	Simulation in Medical Education: Expanding Knowledge of Anatomy and Communication Skills in a Group of Incoming Medical Students. <u>Melissa Bailey</u> ¹ ; Catherine Curren Ferrucci ² ; Brian Hart ¹ ; Rianne Noel-Luttrell ¹ ; Ray C. Kennedy ³ ; Robert Buck ¹ ; Annah Hopkins ¹ ; Sharon Gordon ¹ ; Jennifer Brueckner-Collins ² <i>Anatomical Sciences & Neurobiology</i> ² , <i>MD</i> ³ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-7
Bakhtiari Sirjani	Bilateral Staged Robotic-Assisted Total Knee Arthroplasty: Are the Results Reproducible? <u>Behrad Bakhtiari Sirjani</u> ¹ ; John Whitaker ¹ ; Mark Gendi ¹ ; Elliott Roman ¹ ; Langan Smith ¹ ; Andrew Swiergosz ¹ ; Arthur Malkani ¹ <i>Orthopedics</i> ¹ . [2025]	MED-DT-8
Brian	Concept Maps in Problem Based Learning: A New Tool for Medical Students. <u>Eric Brian</u> ¹ ; Robert Buck ¹ ; Catherine Curren ¹ ; Jennifer Brueckner-Collins ¹ <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-9

Cain	Impact of Patient Insurance Status on Clinical Outcomes in Total Knee Arthroplasty. A Retrospective Study of 283 Consecutive Patients. <u>Wiley Cain</u> ¹ ; Arthur Malkani ¹ ; John Whitaker ¹ ; Joey Stoltz ¹ ; Maunil Mullick ¹ ; Langan Smith ¹ ; Thomas Patrick ¹ <i>Orthopedics</i> ¹ . [2025]	MED-DT-10
Chaker	Pre-surgical Assay of Ear Acoustic Mechanics for Improved Differential Diagnosis of Middle Ear Disorders. <u>Ali Chaker</u> ¹ ; Hammam AlMakadma ¹ ; Jerry Lin ¹ <i>Otolaryngology Head and Neck Surgery and Communicative Disorders</i> ¹ . [2025]	MED-DT-11
Chen	Genetic deletion of cardiomyocyte glutamine synthetase increases bioenergetics and prevents pressure-overload induced heart failure. <u>Christine Chen</u> ¹ ; Connie Watt ¹ ; Snigdha Suluru ¹ ; Andrew Gibb ¹ <i>Medicine</i> ¹ . [2025]	MED-DT-12
Chou	Clinical, Physiologic, and Anatomic Correlations in Younger vs Older Patients With Symptoms of Gastroparesis Undergoing Bio-Electric Therapy. <u>Brandon Chou</u> ¹ ; Le Yu Naing ² ; Brian Goodman ² ; Prateek Mathur ² ; Baya Mandzhieva ² ; Dibson Gondim ³ ; Mary E. Fallat ⁴ ; Stewart R. Carter ⁴ ; Heron Baumgarten ⁴ ; Brock Martin ³ ; Abigail Stocker ² ; Michael W. Daniels ⁵ ; Thomas L. Abell ² <i>Bioinformatics & Biostatistics</i> ⁵ , <i>Medicine</i> ² , <i>Pathology & Laboratory Medicine</i> ³ , <i>Surgery</i> ⁴ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-13
Collins	Health Inequities in Treatment of Brain Metastases: A Retrospective Review. <u>Emma Collins</u> ¹ ; Adrianna Masters ² ; Jeremy Gaskins ³ ; Opeyemi Adelugba ¹ ; La Creis Kidd ⁴ ; Brian Williams ⁵ ; Akshitkumar Mistry ⁵ ; Donald Miller ⁶ ; Joseph Chen ⁷ ; Kavitha Yaddanapudi ⁸ ; Shesh Rai ³ ; Shearwood McClelland, III ⁹ <i>Biochemistry and Molecular Genetics</i> ⁶ , <i>Bioengineering</i> ⁷ , <i>Bioinformatics & Biostatistics</i> ³ , <i>Microbiology & Immunology</i> ⁸ , <i>Neurological Surgery</i> ⁵ , <i>Pharmacology and Toxicology</i> ⁴ , <i>Radiation Oncology</i> ² , <i>Undergraduate Medical Education</i> ¹ , and <i>University of Oklahoma</i> ⁹ . [2025]	MED-DT-14
Cox	Integrating Artificial Intelligence into Higher Education: Business Case Study. <u>Bailey Cox</u> ¹ ; Mohammad Abou El-Ezz ¹ ; Le’Keshia Ellery ¹ ; Enio Kuvliev ¹ ; Idhaya Vasu ¹ ; Theodora Zavos ¹ ; In Kim ² ; Beth Spurlin ² <i>Pediatrics</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-15
Drey	Clinical Interventions to Promote Resilience in Sexual and Gender Minority Youth: A Scoping Review. <u>Seth Drey</u> ¹ ; Hallie Decker ² ; Emily Noonan ³ ; Prabathi Gunathilake ⁴ ; Gina Genova ⁵ ; Amber Pendleton ⁶ ; Ryan Combs ⁷ <i>Department of Population Health</i> ² , <i>Health Promotion & Behavioral Sciences</i> ⁷ , <i>Kent School of Social Work</i> ⁴ , <i>Kornhauser Health Sciences Library</i> ⁵ , <i>Pediatrics</i> ⁶ , <i>School of Medicine</i> ¹ , and <i>Undergraduate Medical Education</i> ³ . [2025]	MED-DT-16

Elmoustapha	FlexPatch Pacing Wires: The Atraumatic Solution Keeping Your Heart in Rhythm. <u>Sidimohamed Elmoustapha</u> ¹ ; Mohammad Abou El-Ezz ¹ ; Quentin Wise ¹ ; Sidney Johnson ¹ ; Shahab Ghafghazi, MD ² <i>Cardiovascular Medicine</i> ² , and <i>School of Medicine</i> ¹ . [2025]	MED-DT-17
Fairbanks	Efficacy of Parasternal Nerve Blocks After Open Heart Surgery. <u>Braden Fairbanks</u> ¹ ; Naylan James ¹ ; Matt Aur ¹ ; Jiapeng Huang ¹ <i>Anesthesiology</i> ¹ . [2025]	MED-DT-18
Florman	Ion Regulatory Biomarkers in Bipolar Disorder and Controls. <u>Adam Florman</u> ¹ ; Dr. El-Mallakh Rifaat ¹ ; Muhammad Ibrahim ¹ ; Umair Bhutto ¹ <i>Psychiatry and Behavioral Sciences</i> ¹ . [2025]	MED-DT-19
Franxman	The Utility of the Digital Rectal Exam in Trauma Patients Proceeding to Operating Room. <u>Amelia Franxman</u> ¹ ; Victoria Hammond ¹ ; Vincent Athas ¹ ; Emily Metz ² ; Jason Smith ¹ <i>Surgery</i> ¹ , and <i>Undergraduate Medical Education</i> ² . [2025]	MED-DT-20
Froman-Glover	SDF-1 induced mesenchymal transition enhances confined migration in GBM. <u>Charles Froman-Glover</u> ¹ ; McKenzie Johnson ² ; Maunil Mullick ¹ ; Akshikumar Mistry ¹ ; Joseph Chen ² <i>Bioengineering</i> ² , and <i>Neurological Surgery</i> ¹ . [2025]	MED-DT-21
Gollamudi	Comparison between Autoimmune, Inflammatory, Metabolic Hormonal, Autonomic, and Enteric Measurements in Patients with Gastroparesis (AIMAE). <u>Aishwarya Gollamudi</u> ¹ ; Thomas Abell ¹ ; Michael Daniels ² ; Prateek Mathur ¹ <i>Bioinformatics & Biostatistics</i> ² , and <i>Medicine</i> ¹ . [2025]	MED-DT-22
Gordinier	Defining the Optimal Therapy for Resectable Esophageal Adenocarcinoma: A Systematic Review and Validation by Single Institutional Data. <u>Max Gordinier</u> ¹ ; Robert C. G. Martin ¹ ; Prejesh Phillips ¹ ; Charles R Scoggins ¹ ; Michael Egger ¹ ; Kelly McMasters, MD, PhD ¹ <i>Surgery</i> ¹ . [2025]	MED-DT-23
Gorga	Preliminary Investigation of Health Outcomes and Environmental Volatile Organic Compound (VOC) Exposure in Calvert City, Kentucky, a Historical Report and White Paper. <u>Collette Gorga</u> ¹ ; Lark Reynolds ² ; Matthew Cave ² ; Luz Huntington-Moskos ³ ; Bobbie Foust ⁴ <i>Marshall County Tribune-Courier</i> ⁴ , <i>Medicine</i> ¹ , <i>Pharmacology and Toxicology</i> ² , and <i>School of Nursing</i> ³ . [2025]	MED-DT-24
Greenwood	Investigating the Role of Platelet-Neutrophil Interactions and Procoagulant Platelets in Stroke. <u>Kelsey Greenwood</u> ¹ ; Robert Campbell ² ; Frederik Denorme ² ; Alex Gendernalik ² <i>Department of Emergency Medicine</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-25

Grimm	Incidence of Early Peri-Prosthetic Hip Fractures in Patients Over Age 70 Following Primary THA Using a Novel Triple-Tapered Collared Femoral Stem: A Multi-Center Study. <u>Andrew Grimm</u> ¹ ; Nolan Smith ² ; Arthur Malkani ² ; Jeremy Gililland ³ ; David Jacob Mayman ⁴ ; Geoffrey H. Westrich ⁴ ; Karlos E Zepeda ⁴ ; Abid M. Khan ¹ ; Maunil Mullick ¹ ; Preston Willey ³ ; Nikhil Vallabhanemi ³ ; Langan S Smith ² ; Seth A Jerabek ⁴ <i>Hospital for Special Surgery</i> ⁴ , <i>Medicine</i> ¹ , <i>Orthopedics</i> ² , and <i>University of Utah</i> ³ . [2025]	MED-DT-26
Gul	Primary Total Knee Arthroplasty Using a Cementless Highly Porous Titanium Tibial Baseplate in Patients Under the Age of 50. <u>Essa Gul</u> ¹ ; Arun Nadar ¹ ; Sebastien Lustig ² ; Langan Smith ¹ ; Joseph Henningsen ¹ ; Arthur Malkani ¹ <i>Lyon North University Hospital</i> ² , and <i>Orthopedics</i> ¹ . [2025]	MED-DT-27
Haastrup	Pressure Shift: Student and Faculty Perspectives on Medical Student Research and the Step 1 Transition to Pass/Fail. <u>Temiloluwa Haastrup</u> ¹ ; Nicholas Meyer ¹ ; Laura Weingartner ¹ ; M. Ann Shaw ¹ <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-28
Harris	Enhanced Measures to Quantify Gait and Balance Impairment in Degenerative Cervical Myelopathy: A Prospective Cohort Study. <u>Alan Harris</u> ¹ ; Khadija Soufi ² ; Omar Ortuno ² ; Jose Castillo ¹ ; Richard Price ² ; Kee Kim ² ; Allan Martin ² <i>Neurological Surgery</i> ² , and <i>School of Medicine</i> ¹ . [2025]	MED-DT-29
Hart	Sex- and Age-Regulated Proteomic Differences in Human Proximal Tubule Epithelial Cells. <u>Brian Hart</u> ¹ ; Daniel Wilkey ¹ ; Adam Gaweda ¹ ; Jessica Hata ² ; Michelle Barati ¹ ; Michael Merchant ¹ <i>Medicine</i> ¹ , and <i>School of Medicine</i> ² . [2025]	MED-DT-30
Hattab	From Classroom to Ward: An Inpatient Care Module and Simulation for Rising Clerkship Students. <u>Isabelle Hattab</u> ¹ ; David Mulhall ¹ ; Carrie Bohnert, MPA, CHSE ¹ ; Suzanne Kingery, MD ² ; Russ Farmer, MD, MSHPE ³ ; Kasey Scott, MD ⁴ ; Laura Weingartner, PhD, MS ¹ <i>Medicine</i> ⁴ , <i>Pediatrics</i> ² , <i>Surgery</i> ³ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-31
Heffley	Comparison of Radiation Exposure of Cephalomedullary Nailing for Intertrochanteric and Subtrochanteric Fractures Using Standard C-Arm Fluoroscopy During Fixation. <u>Allison Heffley</u> ¹ ; Ally Render ¹ ; Josue Balbuena ¹ ; Sanjana Nasta ¹ ; Rodolfo Zamora ² <i>Orthopedics</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-32
Hopkins	Measuring the Impact of a Sense of Community on Academic Burnout in First Year Medical Students at University of Louisville School of Medicine. <u>Annah Hopkins</u> ¹ ; Jennifer Brueckner-Collins ¹ ; Catie Curren ² <i>Anatomical Sciences & Neurobiology</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-33

Isaacs	Demonstrating an Approach to Evaluate Zeb1 Expression in a Corneal Stromal Cell Conditional Knockout Model. <u>William Isaacs</u> ¹ ; Vongqing Liu ¹ <i>Ophthalmology & Visual Sciences</i> ¹ . [2025]	MED-DT-34
Jonathan	Addressing the Gap in Lipoprotein(a) Screening Through Targeted Clinician Education. <u>Irene Jonathan</u> ¹ ; Dinesh Kalra ¹ <i>Medicine</i> ¹ . [2025]	MED-DT-35
Kahloon	Missed Connections: Structural Barriers to Preventive Care in Louisville's West End. <u>Lilah Kahloon</u> ¹ ; Mohammad Abou El-Ezz ¹ ; Iyla Draw ¹ ; Danial Malik ² ; Kiana Fields ¹ ; Craig Ziegler ³ ; Laura Krauser ⁴ ; Donald Biddle ⁴ ; Karen Krigger ⁵ <i>Bioinformatics & Biostatistics</i> ³ , <i>Family and Geriatric Medicine</i> ⁵ , <i>Geography/Geosciences</i> ⁴ , <i>Surgery</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-36
Kennedy	Institutional experience with tumor tissue procurement for adoptive cell therapy. <u>Claire Kennedy</u> ¹ ; Bailee Duff ¹ ; Quinn Piamonte ² ; Victor van Berkel ² ; Prejesh Phillips ² ; Charles Scoggins ² ; Jason Chesney ² ; Kelly McMasters ² ; Michael Egger ² <i>Surgery</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-37
Khan	Splenic Abscess After Embolization: A Decade of Experience with Proximal vs. Distal Techniques and Embolic Selection. <u>Hannah Khan</u> ¹ ; Brandon Chou ¹ ; Rocklin Shumaker ¹ ; Yaw Baah ¹ <i>Radiology</i> ¹ . [2025]	MED-DT-38
Killion	Time-Course Assessment of A2D4 Functional Restoration in a Mouse Model of Congenital Stationary Night Blindness. <u>Ryan Killion</u> ¹ ; Ronald Gregg ¹ ; Hasan Nazarul ¹ <i>Biochemistry and Molecular Genetics</i> ¹ . [2025]	MED-DT-39
Koscinski	Development of a Fine-Tuned Generative AI Medical Assistant Using Multi-Criteria Decision Analysis for Anesthesiologist Preoperative Optimization. <u>Madelyn Koscinski</u> ¹ ; Jiapeng Huang ² ; Cagla Acun ³ ; Lihui Bai ⁴ ; Ilker Guven ⁴ <i>Anesthesiology</i> ² , <i>Computer Science & Engineering</i> ³ , <i>Industrial Engineering</i> ⁴ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-40
Kulkarni	Evaluating Macrophage Inhibitory Factor's Role in HPV-positive Oropharyngeal Squamous Cell Carcinoma. <u>Indraneel Kulkarni</u> ¹ ; Janki Naidugari ¹ ; Shruti Wadhwa ¹ ; Benjamin Xie ¹ ; Sarah Taheri ¹ ; Luke Jonson ² ; Heehwa Son ³ ; John Strickley ² ; Robert Mitchell ⁴ ; Rebecca Redman ⁵ ; Shadmehr Demehri ³ ; Joongho Joh ⁶ <i>Department of Dermatology</i> ² , <i>Department of Medical Oncology</i> ⁵ , <i>Harvard Medical School</i> ³ , <i>Microbiology & Immunology</i> ⁶ , <i>Surgery</i> ⁴ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-41
Le	The Role of Medical Students in Community Health Outreach: A Case Study from a Vietnamese Health Fair. <u>Rolandson Le</u> ¹ ; Alyssa Nguyen ¹ ; Brandon Chou ¹ ; John Ang ¹ ; Andrew Grimm ¹ ; Luyen Cao ¹ <i>Medicine</i> ¹ . [2025]	MED-DT-42

Lung	Methods for Ultrastructural Analysis of Glioblastoma. <u>Zoe Lung</u> ¹ ; Joseph Chen ² <i>Bioengineering</i> ² , and <i>Medicine</i> ¹ . [2025]	MED-DT-43
Lytle	Individualizing Lung Transplant Candidacy Following Ovarian Cancer: Successful Bilateral Lung Transplant for Bleomycin-Induced Pulmonary Fibrosis. <u>Isabelle Lytle</u> ¹ ; Toyokazu Endo ² ; Joshua Crane ² ; Victor Van Berkel ² ; Matthew Fox ² <i>Cardiovascular and Thoracic Surgery</i> ² , and <i>Medicine</i> ¹ . [2025]	MED-DT-44
Mahoney	Intra- and Immediate Post-Operative Hypotension has a Cumulative Impact on Complications Following Thoracolumbar Spinal Fusion Surgery. <u>Colleen Mahoney</u> ¹ ; Jeffrey Gum, MD ² ; Justin Mathew, MD ² ; Steven Glassman, MD ² ; Desiree Chappell, CRNA ³ ; Mladen Djurošević, MD ² ; Timothy Ward, MD ³ ; Leah Carreon, MD ² <i>NorthStar Anesthesia</i> ³ , <i>Norton Leatherman Spine Center</i> ² , and <i>Orthopedics</i> ¹ . [2025]	MED-DT-45
Maya	The association between preoperative depression and length of stay in head and neck cancer patients: a retrospective analysis. <u>Tala Maya</u> ¹ ; Amy Zhu ¹ ; Elizabeth Cash ¹ ; Daniel Vinh ¹ <i>Otolaryngology Head and Neck Surgery and Communicative Disorders</i> ¹ . [2025]	MED-DT-46
Metz	The Role of Prehospital Procedures and Outcomes in Trauma Care. <u>Emily Metz</u> ¹ ; Victoria Hammond ¹ ; Vincent Athas ¹ ; Amelia Franxman ² ; Brian Harbrecht ¹ ; Jason Smith ¹ <i>Surgery</i> ¹ , and <i>Undergraduate Medical Education</i> ² . [2025]	MED-DT-47
Meyer	Trust and Transparency in Teaching: Medical Student Attitudes Toward Educator AI Use. <u>Nicholas Meyer</u> ¹ ; Temiloluwa Haastrup ¹ ; M. Ann Shaw ¹ ; Staci Saner ² ; Gerard Rabalais ³ ; Laura Weingartner ¹ <i>Medicine</i> ² , <i>Pediatrics</i> ³ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-48
Motheramgari	Peripherally Restricted CB1 Antagonist Inhibits Myofibroblast Transdifferentiation of Human RPE Cells. <u>Vishaka Motheramgari</u> ¹ ; Zhao-Hui Song ¹ ; DanDan Zhao ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	MED-DT-49
Mulhall	Know Your Audience: Assessing Early Exposure To Focused Physical Examinations in Medical Students. <u>David Mulhall</u> ¹ ; Laura Weingartner ¹ ; Isabelle Hattab ¹ ; Carrie Bohnert ¹ ; Suzanne Kingery ¹ ; Russel Farmer ² ; Kasey Scott ³ <i>Medicine</i> ³ , <i>Surgery</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-50
Nair	Drawing Resiliency: Using the arts as a coping mechanism during medical training. <u>Nikita Nair</u> ¹ ; Jennifer Brueckner-Collins ² ; Erin Davis ² <i>Anatomical Sciences & Neurobiology</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-51
Nasta	The Trajectory of Hemoglobin Levels and Predictors for Blood Transfusion After Isolated Femoral Shaft Fracture. <u>Sanjana Nasta</u> ¹ ; Lucy O'Sullivan ¹ ; John Whitaker ¹ ; Salwa Rashid ² ; Rodolfo Zamora ¹ <i>Epidemiology & Population Health</i> ² , and <i>Orthopedics</i> ¹ . [2025]	MED-DT-52

Nemeth	Mapping the Legislative Landscape of Ophthalmia Neonatorum: A Review of U.S. Policies and Constraints Regarding Ophthalmia Neonatorum Prevention and Treatment. <u>George Nemeth</u> ¹ ; Brett Schmieder ¹ ; Alexa Howser ¹ ; Sheridan Langford ¹ ; Bethany Hodge ² <i>Department of Public Health</i> ² , and <i>Medicine</i> ¹ . [2025]	MED-DT-53
Nguyen	Endothelial Dependent Effects of 6-Methylnicotine, a Nicotine-Derivative, on Murine Superior Mesenteric Artery: Implications for Cardiovascular Risk. <u>Alyssa Nguyen</u> ¹ ; Lexiao Jin ¹ ; Brandon Capps ¹ ; Daniel Conklin ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	MED-DT-54
Nugent	Retrospective Single-Surgeon Study on Sacral Neuromodulation Outcome Comparison in Neurogenic Bladder Patients vs. Overactive Bladder Patients. <u>Chelsae Nugent</u> ¹ ; Gabriel Carreño ² ; Kellen Choi ² <i>Undergraduate Medical Education</i> ¹ , and <i>Urology</i> ² . [2025]	MED-DT-55
Okoronkwo	Decreased coronary microvascular perfusion in advancing age is reversed with dietary intervention targeting mitochondrial function. <u>Uchechi Okoronkwo</u> ¹ ; Rajeev Nair ¹ ; Cooper Kolehmainen ¹ ; Rubaisha Zamir ¹ ; Andreas Beyer ² ; Amanda LeBlanc ¹ <i>Cardiovascular and Thoracic Surgery</i> ¹ , and <i>Medical College of Wisconsin</i> ² . [2025]	MED-DT-56
Ossege	Food Preservative Sodium Benzoate and High-Fat Diet Disrupt Kidney Proximal Tubule Proteome. <u>Olivia Ossege</u> ¹ ; Daniel Wilkey ¹ ; Adam Gaweda ¹ ; Loretta Jophlin ² ; Michael Merchant ¹ ; Michelle Barati ¹ <i>Medicine</i> ¹ , and <i>Norton Healthcare</i> ² . [2025]	MED-DT-57
Owolabi	Activated BRCA1 is Reduced by Acute Cd Exposure in Breast Epithelial Cells. <u>Gbemisola Owolabi</u> ¹ ; J. Christopher States ¹ ; Alexandra Nail ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	MED-DT-58
Palmer	Two Patients, One Bullet: Examining Local Cases of Firearm Injury in Pregnancy. <u>Iona Palmer</u> ¹ ; Victoria Reick-Mitrisin ² ; Nicholas Kemper ² ; Alexander Myers ¹ ; Keith Miller ³ ; Jonathan Joshi ² <i>Radiology</i> ² , <i>Surgery</i> ³ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-59
Patel	The Subvastus Approach in the Obese Patient Undergoing Primary Robotic-Assisted TKA. <u>Neel Patel</u> ¹ ; James Soderstrom ¹ ; Ronit Patel ¹ ; Joseph Henningsen ¹ ; Mark Gendi ¹ ; Langan Smith ¹ ; Madhusudhan Yakkanti ¹ ; Arthur Malkani ¹ <i>Orthopedics</i> ¹ . [2025]	MED-DT-60
Patel	Results of Subvastus Approach in Patients Undergoing Primary Robotic-Assisted TKA: a review of 1,419 cases. <u>Ronit Patel</u> ¹ ; Neel Patel ¹ ; Michael Stoltz ² ; Langan Smith ² ; Mark Gendi ² ; Madhusudhan Yakkanti ² ; John Whitaker ² ; Arthur Malkani ² <i>Medicine</i> ¹ , and <i>Orthopedics</i> ² . [2025]	MED-DT-61

Pidatala	The Role of cMaf in MAFLD and MASH. <u>Sai Pidatala</u> ¹ ; ZhongBin Deng ² <i>Surgery</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-62
Ploeger	Establishing the Distribution of Spatial Acuity in the Mouse Retina: A Baseline Model for Investigating Visual Circuitry Changes After Neonatal Hypoxia. <u>Caroline Ploeger</u> ¹ ; Justin Remmell ¹ ; Bart Borghuis ¹ <i>Anatomical Sciences & Neurobiology</i> ¹ . [2025]	MED-DT-63
Puzhakkarailath	Cerumen impaction in adults with intellectual and developmental disabilities due to limited jaw movement. <u>Aysha Puzhakkarailath</u> ¹ ; Lynzee Cornell ¹ <i>Otolaryngology Head and Neck Surgery and Communicative Disorders</i> ¹ . [2025]	MED-DT-64
Rodgerson	Predicting outcomes of hypoplastic left heart syndrome: the use of bioengineered gels to mimic in vivo conditions. <u>Alice Rodgerson</u> ¹ ; Devin Laurence ² ; Stanley Stachelek ² ; Shelly Yang ² ; Emily Hall ² ; Robert Levy ² <i>Medicine</i> ¹ , and <i>University of Pennsylvania</i> ² . [2025]	MED-DT-65
Samson	The effects of 3-120 in vitro and in vivo. <u>Benjamin Samson</u> ¹ ; Leighton Avera ² ; Kate Tarvestad-Laise ² ; Lisandra Plana ² ; Brian Ceresa ² <i>Pharmacology and Toxicology</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-66
Scott	One Quick Dose of Arsenic Fails to Mirror Environmental Toxicity. <u>Kade Scott</u> ¹ ; Leah Alfalah ² ; Walter Watson ³ ; Shelia Thomas ³ ; Mayukh Banerjee ³ <i>Biology</i> ² , <i>Medicine</i> ¹ , and <i>Pharmacology and Toxicology</i> ³ . [2025]	MED-DT-67
Senthilkumar	Comparison of Pediatric and Adult Glucagon-Like Peptide-1 Receptor Agonist Cases Reported to United States Poison Centers, 2017-2024. <u>Anjali Senthilkumar</u> ¹ ; Dr. Gary Smith ² ; Dr. Sandhya Kistamgari ² <i>Center for Injury Research and Prevention</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-68
Stephenson	The Role of Hope in Chronic and Terminal Illness. <u>Tyler Stephenson</u> ¹ ; Olivia Duff ¹ ; Hannah Newberry ¹ ; Aaron Buckley ¹ ; Rifaat El-Mallakh ¹ <i>Psychiatry and Behavioral Sciences</i> ¹ . [2025]	MED-DT-69
Strobl	Pretektum Projections to the Visual Thalamus and their Effects on Behaviors Reliant on Binocular Vision. <u>Nicholas Strobl</u> ¹ ; Martha Bickford ¹ ; Howard Boone ¹ <i>Anatomical Sciences & Neurobiology</i> ¹ . [2025]	MED-DT-70
Vallarta	Differential m6A Regulation of Rate-limiting Enzymes in the Serine Synthesis Pathway in Endocrine - Therapy Resistant Breast Cancer Cells. <u>Anna Vallarta</u> ¹ ; Kellianne M. Piell ² ; Belinda J. Petri ² ; Navya Goli ³ ; Brian F. Clem ² ; Carolyn M. Klinge ² <i>Biochemistry and Molecular Genetics</i> ² , <i>Biology</i> ³ , and <i>Medicine</i> ¹ . [2025]	MED-DT-71

Van Nort	KDM6B-Mediated Reprogramming of Microglial Cells in the Glioblastoma Tumor Microenvironment. <u>Warren Van Nort</u> ¹ ; Ranit D'Rozario ² ; Sangeeta Goswami ² <i>Undergraduate Medical Education</i> ¹ , and <i>University of Texas MD Anderson Cancer Center</i> ² . [2025]	MED-DT-72
Vasu	Accessibility to Care for Pregnant Patients with Opioid Use Disorder in the Post Roe Era. <u>Idhaya Vasu</u> ¹ ; Elizabeth Lepovsky ¹ ; Anne Claire Clemmons ² ; Emily Major ¹ ; Emily Root ² ; <i>Edward Miller</i> ² <i>Medicine</i> ¹ , and <i>Obstetrics, Gynecology & Women's Health</i> ² . [2025]	MED-DT-73
Wanner	Assessing Textbook Outcomes and Predictive Factors for Laparoscopic Liver Resections. <u>Addie Wanner</u> ¹ ; Prejesh Philips ² ; Charles R Scoggins ² ; Michael Egger ² ; Kelly McMasters ² ; Robert C.G. Martin ² <i>Surgery</i> ² , and <i>Undergraduate Medical Education</i> ¹ . [2025]	MED-DT-74
Windhorst	The Association Between Hyperlipidemia and Recurrent Lumbar Disc Herniation Following Discectomy: A Retrospective Cohort Study. <u>Andrew Windhorst</u> ¹ ; Andrew Grimm ¹ ; Lauren Boden ² <i>Graduate School</i> ¹ , and <i>Orthopedics</i> ² . [2025]	MED-DT-75
Yeargin	Mechanism underlying the beneficial cardiac effects of the Dapagliflozin. <u>F. Andrea Yeargin</u> ¹ ; Esmeralda Castelblanco ² ; Brandon Cho ³ ; Maria S. Remedi ² <i>Division of Endocrinology, Metabolism & Lipid Research</i> ² , <i>Undergraduate Medical Education</i> ¹ , and <i>Washington University in St. Louis</i> ³ . [2025]	MED-DT-76
Yerramreddy	Identifying Strategies to Reduce Readmission Amongst Unhoused Patients with Thermal Injury. <u>Sukruthi Yerramreddy</u> ¹ ; Dr. Victoria Hammond ¹ ; Dr. Matthew Bozeman ¹ <i>Surgery</i> ¹ . [2025]	MED-DT-77
Yeung	Immune Checkpoint Inhibitor Role in Mice Treated with Repeated Cisplatin. <u>Jeffrey Yeung</u> ¹ ; Adam Hetman ² ; Dianet Sanchez Vega ² ; Mark Doll ² ; Barbara O'Steen ² ; Levi Beverly ² ; Leah Siskind ² <i>Graduate School</i> ¹ , and <i>Medicine</i> ² . [2025]	MED-DT-78
Zhang	Weight a Minute: Scale Weights Prevent Medication Dosing Errors Compared to Estimated Weights in Adult Emergency Department Patients. <u>Aaron Zhang</u> ¹ ; John Garvey IV ¹ ; Craig Ziegler, PhD ² ; Joseph Rizzo, MD ¹ ; Ryan Harris, MD ¹ ; Isaac Shaw, MD ¹ ; Casey Venable, PharmD ³ ; Devon Perry, RN ¹ ; Stephen Neal, PharmD ³ ; Kahra Nix, MD ¹ <i>Emergency Medicine</i> ¹ , <i>Medicine</i> ² , and <i>Pharmacy</i> ³ . [2025]	MED-DT-79

WEDNESDAY: 9am - Noon

Postdoctoral Associate/Scholar

Abo Kasem	Observation or Operation? Treatment Trends and Demographic Disparities in Asymptomatic Meningioma: A Multi-Center Large Database Study. <u>Rahim Abo Kasem</u> ¹ ; Brian Williams ¹ <i>Neurological Surgery</i> ¹ . [2025]	PRF-1
Baruri	Evaluation of a B7H3-targeting desialylating fusion antibody in vitro in pediatric sarcoma cell. <u>Shikhi Baruri</u> ¹ ; Wenxuan Zhang ¹ ; Haixun Guo ¹ <i>Radiology</i> ¹ . [2025]	PRF-2
El-Baz	Lactobacillus crispatus Loaded Electrospun Nanofibers as a potential strategy to prevent and treat Group B Streptococcus infection. <u>Nagwa El-Baz</u> ¹ ; Ryan Doster ¹ <i>Medicine</i> ¹ . [2025]	PRF-3
Ford	The Hidden Diversity of Antibody Heavy Chains: Implications for Acetylcholine Receptor Myasthenia Gravis. <u>Easton Ford</u> ¹ ; Veenasravani Pendyala ² ; Minh Pham ³ ; Uddalok Jana ¹ ; Soumya Yandamuri ³ ; Oscar Rodriguez ⁴ ; Zach VanWinkle ¹ ; Nadia Richardson ¹ ; Elizabeth Hudson ¹ ; Lindsay Young ³ ; Kevin O'Connor ³ ; Corey Watson ¹ ; Melissa Smith ¹ <i>Biochemistry and Molecular Genetics</i> ¹ , <i>Biology</i> ² , <i>Department of Immunobiology</i> ³ , and <i>Microbiology</i> ⁴ . [2025]	PRF-4
Hui	Dual CXCR4/CXCR7 Modulation: TC14012 as a Novel Therapeutic Strategy Against Doxorubicin-Induced Cardiotoxicity. <u>Xiaodan Hui</u> ¹ ; Chunjie Gu ¹ ; Ahmed Abdelbaset-Ismail ¹ ; Jason Xu ¹ ; Ashok Raj ¹ ; Zhongbin Deng ² ; Wuqiang Zhu ³ ; Lu Cai ¹ ; Yi Tan ¹ <i>Department of Cardiovascular Medicine, Physiology and Biomedical Engineering</i> ³ , <i>Pediatrics</i> ¹ , and <i>Surgery</i> ² . [2025]	PRF-5
Hanford	A Computational Framework to Evaluate Microbial Epoxide Hydrolase Expression in Healthy Individuals, Heavy Drinkers, and Patients with Alcohol-Associated Liver Disease. <u>Hannah Hanford</u> ¹ ; Irina Kirpich ¹ <i>Microbiology & Immunology</i> ¹ . [2025]	PRF-6
Kumari	Plasma Proteomic Signatures in Early-Stage Alcohol-Related Liver Disease: Correlation with Clinical Markers and Potential for Non-Invasive Diagnosis. <u>Anjali Kumari</u> ¹ ; Mukesh Sriwastva ¹ ; Michael Merchant ¹ ; Christine Dolin ¹ ; Gavin Arteel ¹ ; Sabine Waigel ¹ ; Maiying Kong ² ; Melanie Schwandt ³ ; Joris Verster ⁴ ; Ashwani Singal ¹ ; KrishnaRao Jala ¹ ; Craig McClain ¹ ; Vatsalya Vatsalya ¹ <i>Bioinformatics & Biostatistics</i> ² , <i>Medicine</i> ¹ , <i>National Institute of Health</i> ³ , and <i>Utrecht University</i> ⁴ . [2025]	PRF-7
Meaza	Cracking the Code: How Hexavalent Chromium Smashes the Genome to Drive Lung Cancer. <u>Idoia Meaza</u> ¹ ; Davide Chiarugi ² ; Sandra Diven ¹ ; John Pierce Wise, Sr., ¹ <i>Genevia Technologies</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	PRF-8

Nail	DNA damage response inhibition is an early event in cadmium-induced breast carcinogenesis. <u>Alexandra Nail</u> ¹ ; Gbemi Owolabi ¹ ; J. Christopher States ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	PRF-9
Newton	Greenness Exposure and Mortality Risk in Colorectal Cancer Cases Residing in Kentucky. <u>Johnnie Newton</u> ¹ ; Natalie DuPre ¹ ; Tyler Ellis ² ; Matthew Ruther ³ ; Stephanie Boone ¹ ; Richard Baumgartner ¹ ; Hari Iyer ⁴ <i>Epidemiology & Population Health</i> ¹ , <i>Rutgers Cancer Institute of New Jersey</i> ⁴ , <i>Urban and Public Affairs</i> ³ , and <i>W.G. (Bill) Hefner Salisbury Department of Veterans Affairs Medical Center</i> ² . [2025]	PRF-10
Petri	Unraveling Endocrine Therapy Resistance in ER+ Breast Cancer Using Integrated Transcriptomics and Isoform Analysis. <u>Belinda Petri</u> ¹ ; Kellianne Piell ¹ ; Julia Chariker ¹ ; Eric Rouchka ¹ ; Carolyn Klinge ¹ <i>Biochemistry and Molecular Genetics</i> ¹ . [2025]	PRF-11
Scott	Investigating the Effects of Chronic Arsenic Exposure in Human Keratinocytes Overexpressing hsa-miR-362. <u>Jared Scott</u> ¹ ; Gabriel Rodriguez ¹ ; Talha Bin Emran ¹ ; Shelia Thomas ¹ ; Leen Abozaid ¹ ; J. Christopher States ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	PRF-12
Song	ST8SiaI Promotes Colon Cancer Progression by Driving MDSC Differentiation and Suppressing CD8 T-Cell Immunity. <u>Xiaotong Song</u> ¹ ; Chao Lei ¹ ; Ting Wang ¹ ; Amanguli Tuohongerbieke ¹ ; Zhongbin Deng ¹ <i>Surgery</i> ¹ . [2025]	PRF-13
Suthar	Renal Hemodynamic response to Lumbosacral Epidural Stimulation in Individuals with Chronic Spinal Cord Injury.. <u>Aastha Suthar</u> ¹ ; Shelley Wade ¹ ; Andrea Willhite ¹ ; Aimee Concepcion ² ; Kristin Benton ¹ ; Alexander Ovechkin ¹ <i>Lincoln Memorial University DeBusk College of Osteopathic Medicine, Harrogate, TN, USA</i> ² , and <i>Neurological Surgery</i> ¹ . [2025]	PRF-14
Wang	Gut epithelial aryl hydrocarbon receptor deficiency aggravates Candida albicans-mediated allergic airway disease via lung fucosylation regulation. <u>Ting Wang</u> ¹ ; Chao Lei ¹ ; Xiaotong Song ¹ ; Amanguli Tuohongerbieke ¹ ; Yi Tan ² ; Zhongbin Deng ¹ <i>Pediatrics</i> ² , and <i>Surgery</i> ¹ . [2025]	PRF-15
Wang	Identification of Active Compounds in Broccoli Sprout Extracts and Their Molecular Targets for the Nutritional Prevention and Intervention of Fetal Alcohol Spectrum Disorders by a Network Pharmacology Approach. <u>Xiaqing Wang</u> ¹ ; Miao Bai ¹ ; Jie Liu ¹ ; Shuoyang Wang ² ; Shaoyu Chen ¹ <i>Bioinformatics & Biostatistics</i> ² , and <i>Pharmacology and Toxicology</i> ¹ . [2025]	PRF-16

Zhang	The application of CD45-PET in virtualizing immune cells and imaging inflammation. <u>Wenxuan Zhang</u> ¹ ; Yi Zou ² ; Jacob Thornsberry ² ; Jun Yan ² ; Haixun Guo ¹ <i>Radiology</i> ¹ , and <i>Surgery</i> ² . [2025]	PRF-17
Zou	Adoptive Trained Innate Immune Cell Therapy Effectively Controls Tumor Metastasis via Reprogramming Host Innate Cells. <u>Yi Zou</u> ¹ ; Chenghui Yang ¹ ; Hong Li ¹ ; Xiaoling Hu ¹ ; Jun Yan ¹ <i>Surgery</i> ¹ . [2025]	PRF-18

Research Associate

Ghosh	Gut microbial metabolite, UroA attenuates alcoholic liver disease. <u>Sweta Ghosh</u> ¹ ; Rajbir Singh ¹ ; Zachary Matthew Vanwinkle ¹ ; Craig J. McClain ² ; Vatsalya Vatsalya ² ; Bodduluri Haribabu ¹ ; Praveen Kumar Vemula ³ ; Venkatakrishna Rao Jala ¹ <i>Institute for Stem Cell Biology and Regenerative Medicine (inStem), GKVK campus, Bangalore, Karnataka 560065, India.</i> ³ , <i>Microbiology & Immunology</i> ¹ , and <i>Pharmacology and Toxicology</i> ² . [2025]	RA-1
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Research Staff

Abdelbaset-Ismail	FGF1ΔHBS prevents DICT in tumor-bearing young mice through inhibiting cardiac fatty acid oxidation and improving vasculature integrity. <u>Ahmed Abdelbaset-Ismail</u> ¹ ; Xiaodan Hui ¹ ; Chunjie Gu ¹ ; Jason Xu ¹ ; Zhong-bin Deng ² ; Ashok Raj ¹ ; Lu Cai ¹ ; Yi Tan ¹ <i>Pediatrics</i> ¹ , and <i>Surgery</i> ² . [2025]	RS-1
Abdelfadil	n3 PUFA-enriched diet modulated gut microbiota in male and female ethanol-fed mice. <u>Yasmeen Abdelfadil</u> ¹ ; Dennis Warner ² ; Irina Kirpich ¹ <i>Medicine</i> ² , and <i>Microbiology & Immunology</i> ¹ . [2025]	RS-2
Ahmad	Predictors of 30-Day Readmission Among Immunocompromised Adults Hospitalized With Community-Acquired Pneumonia. <u>Mahboob Ahmad</u> ¹ ; Girish Chander Srinivas Madishetty ¹ ; Sravan Kumar Nekkanti ¹ ; Oreoluwa Akinsola ¹ ; Priyanka Bandusagar Pradhan ¹ ; Daniya Sheikh ¹ ; Vidyulata Salunkhe ¹ ; Forest Arnold ¹ ; T'shura Ali ¹ <i>Medicine</i> ¹ . [2025]	RS-3
Ahmed	Distribution and Clinical Impact of Streptococcus pneumoniae Serotypes Among Hospitalized Patients in Louisville, Kentucky. <u>Muhammad Ihsan Ahmed</u> ¹ ; Muhammad Arsalan Shahid ¹ ; Leslie Parrish ¹ ; Subathra Marimuthu ¹ ; Vidyulata Salunkhe ¹ ; Daniya Sheikh ¹ ; Steven Gootee ¹ ; T'shura Ali ¹ ; Forest Arnold ¹ <i>Medicine</i> ¹ . [2025]	RS-4

Alvarez-Madrid	Traumatic brain injury in traumatic spinal cord injury: The effect of delayed, post-acute care, diagnosis on complications, healthcare utilization, and cost. <u>Elsa Alvarez-Madrid</u> ¹ ; Kelly Gartner ¹ ; Darryl Kaelin ¹ ; Camilo Castillo ¹ ; Beatrice Ugiliweneza ² <i>Anatomical Sciences & Neurobiology</i> ² , and <i>Neurological Surgery</i> ¹ . [2025]	RS-5
Amirova	Effects of Locomotor Training Combined with Non-Invasive Spinal Cord Stimulation on Bone Mineral Density and Body Composition in Individuals with Spinal Cord Injury. <u>Liubov Amirova</u> ¹ ; Andrea Willhite ¹ ; Aaron Bullock ¹ ; Ricardo Siu ² ; Nicholas Stanis ³ ; Yury Gerasimenko ⁴ ; Camilo Castillo ¹ ; Alexander Ovechkin ¹ <i>Case School of Engineering</i> ² , <i>Neurological Surgery</i> ¹ , <i>Pavlov Institute of Physiology – Russian Academy of Sciences</i> ⁴ , and <i>School of Medicine</i> ³ . [2025]	RS-6
Garza	Dissecting the Non-Genetic Adaptations of Lung Cancer Cells Resistant to Therapy. <u>Scott Garza</u> ¹ ; Nadiia Lypova ¹ <i>Medicine</i> ¹ . [2025]	RS-7
Hardy	Medication for Opioid Use Disorder is Associated with Improved Family Functioning. <u>Garrett Hardy</u> ¹ ; Amy Brooks ¹ ; Martin Hall ¹ <i>Kent School of Social Work</i> ¹ . [2025]	RS-8
Holt	Analysis of immune cells in the kidneys in a mouse model of lupus nephritis. <u>Mason Holt</u> ¹ ; Mason Holt ¹ ; Jing Ma ¹ ; Pascale Alard ¹ ; Michele Kosiewicz ¹ <i>Microbiology & Immunology</i> ¹ . [2025]	RS-9
Shrestha	Impact of Advanced-Stage Cancer on Short- and Long-Term Outcomes of Community-Acquired Pneumonia in Immunocompromised Adults. <u>Riya Shrestha</u> ¹ ; Adil Khan ¹ ; Alisha Pannu ¹ ; Spozhmai Hewadmal ¹ ; Meghna Khandelwal ¹ ; Daniya Sheikh ¹ ; Vidyulata Salunkhe ¹ ; T'shura Ali ¹ ; Forest Arnold ¹ <i>Medicine</i> ¹ . [2025]	RS-10

WEDNESDAY: 1 - 4 pm

Dental Student

Akurati	Perception of Dental Students and Professionals on Minimally Invasive Dentistry Concepts. <u>Venkat Hemant Akurati</u> ¹ ; Lara Christie Monteiro ¹ ; Liliani Vieira ¹ ; Manoelito Ferreira Silva Junior ² ; Natália Bastos Bitencourt ¹ <i>Comprehensive Dentistry</i> ¹ , and <i>UESB – Universidade Estadual do Sudoeste da Bahia</i> ² . [2025]	D-1
Alatassi	Short-term comparison of coronal discoloration caused by four intra-orifice barrier materials in endodontically treated teeth. <u>Judy Alatassi</u> ¹ ; Luiz Carlos de Lima Dias ¹ ; Gabriela Gavilan Hadid ¹ ; Adriana Pinto Bezerra ¹ ; Bruna Venzke Fischer ¹ ; Cleonice da Silveira Teixeira ¹ ; Eduardo Antunes Bortoluzzi ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-2

Almadani	Impact of digital impression training on data collection and time efficiency. <u>Omar Almadani</u> ¹ ; Jace Feller ¹ ; Jude Itani ¹ ; David Donatelli ¹ ; Sandro Bitencourt ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-3
Atassi	Overexpression of response regulators in periodontal pathogen <i>Treponema denticola</i> . <u>Gatphan Atassi</u> ¹ ; Richard Lamont ¹ ; Daniel Miller ² <i>Department of Microbiology and Immunology</i> ² , and <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-4
Azua Rojas	Comparison of Bolton analysis with digital setup in different type of aligner system. <u>Hyrum Azua Rojas</u> ¹ ; Kiara Kim ¹ ; Reza Farimani ¹ ; Toru Deguchi ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-5
Bakker-Holt	Accuracy of digital scan approaches for complete denture duplication. <u>Holland Bakker-Holt</u> ¹ ; David Donatelli ¹ ; Sandro Bitencourt ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-6
Bessen	The Impact of Community Engagement on Dental Students. <u>Lilly Bessen</u> ¹ ; Dr. Liliana Rozo Gaeth ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-7
Brinker	Biocompatibility Assessment of Clear Orthodontic Aligners: HPLC Analysis of BPA and UDMA Leaching under Simulated Intraoral Conditions. <u>Chad Brinker</u> ¹ ; Toru Deguchi ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-8
Brown	Mammalian dental morphology at the end of the time of dinosaurs: systematic determination and curation of late Cretaceous mammals from South America. <u>Reiley Brown</u> ¹ ; Brigid Connelly ² ; Guillermo Rougier ² <i>Anatomical Sciences & Neurobiology</i> ² , and <i>Comprehensive Dentistry</i> ¹ . [2025]	D-9
Castillo	Health Professions Training and Hypothetical Case Disposition Decisions Regarding Patients with Mental Health Concerns. <u>Marciana Castillo</u> ¹ ; Abbie Beacham ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-10
Casto	Covid19 Patients Demonstrate an Increase in Gene Expression of a Protein that Regulates pH in the minor Salivary Glands - ATP6V0D2, with ATP6V1G3 Unchanged. <u>Madeleine Marie Casto</u> ¹ ; Lisa Kathleen Ryan ² ; Sarah C. Glover ³ <i>Graduate School</i> ¹ , <i>Oral Immunology & Infectious Diseases</i> ² , and <i>School of Medicine</i> ³ . [2025]	D-11
Cavinta	Predictability of peak growth and skeletal development in young children and adolescents from hormonal saliva testing. <u>Gabriela Cavinta</u> ¹ ; Dr. Sudha Guidhimella ² ; Dr. Bradley Sanders ¹ <i>Diagnosis & Oral Health</i> ² , and <i>Graduate School</i> ¹ . [2025]	D-12

Cawthon	Comparative Evaluation of AI-Based and Manual Cephalometric Tracing: Accuracy and Efficiency of iOrtho vs. Dolphin Imaging. <u>Leah Cawthon</u> ¹ ; Reza Morvaridi Farimani ¹ ; Toru Deguchi ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-13
Cheng	Effects of Antimicrobial 3D-printed Resins on S. mutans Compared to Non-Antimicrobial Resin. <u>Kevin Cheng</u> ¹ ; Sandro Bitencourt ¹ ; Gabriela Cavinta ² ; David Scott ³ ; David Donatelli ¹ <i>Comprehensive Dentistry</i> ² , <i>Oral Immunology & Infectious Diseases</i> ³ , and <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-14
Chennuri	Hospital Credentialing of Dentists Who Treat Children in the United States. <u>Keerthi Prasanna Chennuri</u> ¹ ; Dr. Followell Timothy ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-15
Coffey	Esthetic and Comfort Comparison Between Different Aligner Brands: Invisalign and Spark. <u>Emma Coffey</u> ¹ ; Abe Rosenthal ¹ ; Toru Deguchi ¹ ; Rolando Pavon ¹ ; Carl Gioia ¹ <i>Graduate School</i> ¹ . [2025]	D-16
Coleman	Using AI for Image Detection of Eruption Patterns in Maxillary Canines. <u>Austin Coleman</u> ¹ ; Toru Deguchi ² ; Reza Morvaridi Farimani ² ; Bailey Lockwood ² ; Harrison Rosen ² <i>Comprehensive Dentistry</i> ¹ , and <i>Rehabilitative & Reconstructive Dentistry</i> ² . [2025]	D-17
Cormier	Detection of SLC4A11 and ATP6v1g3 in Minor Salivary Glands. <u>Shayla Cormier</u> ¹ ; Brian Shumway ² ; Lisa Ryan ¹ <i>Diagnosis & Oral Health</i> ² , and <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-18
Cornelius	Artificial Intelligence (AI)-Driven Detection of Dehiscence and Fenestration Lesions on Maxillary First Molars in CBCT. <u>Mary Cornelius</u> ¹ ; Bailey Lockwood ¹ ; Harrison Rosen ¹ ; Reza Farimani ¹ ; Toru Deguchi ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-19
Cotnoir	Does the time between aging and the analysis of material properties matter in erosion studies? <u>Carley Cotnoir</u> ¹ ; Arianna Mestanza ² ; Natalia Bitencourt ¹ ; Jude Itani ² ; Michael Sekula ³ ; Thomas Berfield ⁴ ; Lara Monteiro ¹ <i>Bioinformatics & Biostatistics</i> ³ , <i>Comprehensive Dentistry</i> ¹ , <i>Graduate School</i> ² , and <i>Mechanical Engineering</i> ⁴ . [2025]	D-20
Counts	Dental Students' Attitudes Regarding Mental Health and Illness: A Comparison Among Health Professions Trainees. <u>Rebecca Counts</u> ¹ ; Abbie Beacham ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-21
Demchuk	The Impact of Ankyloglossia on Mandibular Growth: A Correlation Between Tongue-Tie Severity and Cephalometric Characteristics. <u>Nicholas Demchuk</u> ¹ ; Reza Farimani ² ; Toru Deguchi ¹ <i>Comprehensive Dentistry</i> ² , and <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-22

Dickson	Artificial Intelligence (AI)-Driven Detection of Dehiscence and Fenestration Lesions on Lower Mandibular Incisors in CBCT. <u>Jacob Dickson</u> ¹ ; Reza Farimani ¹ ; Toru Deguchi ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-23
Feller	Evaluation of marginal adaptation of 3D-printed crowns. <u>Jace Feller</u> ¹ ; Sandro Bitencourt ¹ ; Omar Almadani ¹ ; David Donatelli ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-24
Fuller	Role of Vitamin B12 (Cobalamin) on the Progression of Gum Diseases. <u>Lauren Fuller</u> ¹ ; Shirin Ghods ¹ ; Fata Moradali ¹ ; Tiffany McPheeters ² <i>Comprehensive Dentistry</i> ² , and <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-25
Gearlds	Maxillary Labial Frenulum Attachment in Pediatric Patients: Assessing Attachment and Soft Tissue Anatomy. <u>Ashley Gearlds</u> ¹ ; Hector Martinez ¹ ; Jared Worthington ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-26
Gossett Calderon	Enhancing the Mastery of Facial Surface Anatomy for First Year Dental Students. <u>Miya Gossett Calderon</u> ¹ ; Nicole Herring ² ; Catie Curren Ferrucci ² <i>Anatomical Sciences & Neurobiology</i> ² , and <i>Comprehensive Dentistry</i> ¹ . [2025]	D-27
Guffey	Efficacy of Antimicrobial Peptoids Against Cannabinoid- and Tobacco-Resistant Oral Bacteria. <u>Jack Guffey</u> ¹ ; Gwyneth Lamont ¹ ; Jinlian Tan ¹ ; Gill Diamond ¹ ; Deepak Saxena ² ; David Scott ¹ <i>Molecular Pathobiology</i> ² , and <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-28
Hacker	Assessing the Role of Retinoids in Vascular and Salivary Organoid Systems for Insight into Implantation and Damage Repair. <u>Abigail Hacker</u> ¹ ; Kimberly Jasmer ¹ ; Lisa Sandell ¹ <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-29
Hayden	Effect of Aligned and Lateral Offset CBCT Detectors on Image Noise. <u>Katie Hayden</u> ¹ ; Christiano Oliveira-Santos ¹ ; William Scarfe ¹ ; Gustavo Santaella ¹ <i>Diagnosis & Oral Health</i> ¹ . [2025]	D-30
Hoang	Effect of LL-37 on HSV-1 In Vitro and In Vivo. <u>Michelle Hoang</u> ¹ ; Gill Diamond ¹ ; Erika Figgins ¹ <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-31
Hong	Comparative Study of Soft Tissue Analysis between 3dMD Face System, Revopoint Pop2 and Cone Beam Computed Tomography. <u>Jung-Woo Hong</u> ¹ ; Toru Deguchi ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-32
Humphress	The Durability of Dental Sealants: A Study on Quality Assurance at the University of Louisville School of Dentistry. <u>Evan Humphress</u> ¹ ; Hector Martinez-Menchaca DDS MSc ¹ ; Katherine Bell DMD ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-33

Hurst	Effects of Aligner Therapy (Invisalign First) in Correcting Anterior Crossbite Cases in Mixed Dentition. <u>McKay Hurst</u> ¹ ; Caroline Ratz ² ; Sudha Gudhimella ² ; Toru Deguchi ² <i>Graduate School</i> ¹ , and <i>Rehabilitative & Reconstructive Dentistry</i> ² . [2025]	D-34
Jackson	Evaluation of Bolton's Discrepancy Prevalence and Treatment Management in Invisalign Patients: A Retrospective Analysis of Clincheck Records. <u>Olivia Jackson</u> ¹ ; Shubham Sharma ¹ ; Toru Deguchi ¹ ; Reza Morvaridi Farimani ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-35
Khan	Bridging the Gap: Comparing Student Engagement Through Simulation, Spaced Retrieval, TBL, and CBL Learning in a Preclinical RPD Course. <u>Nimra Khan</u> ¹ ; Michael Metz ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-36
Lightfoot	Diagnostic Accuracy of Vertical Tomosynthesis Versus Periapical Radiograph and Horizontal Tomosynthesis Imaging in the Detection of Horizontal Root Fractures. <u>Aaron Lightfoot</u> ¹ ; Christiano de Oliveira Santos ¹ <i>Diagnosis & Oral Health</i> ¹ . [2025]	D-37
Manche	Evaluation of material properties of SNAP nanoparticle coated orthodontic elastomeric chains. <u>Krista Manche</u> ¹ ; Sudha Gudhimella ² <i>Comprehensive Dentistry</i> ¹ , and <i>Rehabilitative & Reconstructive Dentistry</i> ² . [2025]	D-38
Maurell Luis	Effect of different post-processing protocols on the flexural strength and roughness of a 3D-printed resin for crowns. <u>Marcell Maurell Luis</u> ¹ ; David Donatelli ² ; Sandro Bitencourt ² <i>Comprehensive Dentistry</i> ¹ , and <i>Rehabilitative & Reconstructive Dentistry</i> ² . [2025]	D-39
Messer	Chemoradiation Damage on Salivary Glands: Insights from 3D Organoid and Epithelial Cell Models. <u>Madison Messer</u> ¹ ; Kimberley Jasmer ² ; Veerupaxagouda Patil ² ; Lisa Sandell ² <i>Comprehensive Dentistry</i> ¹ , and <i>Oral Immunology & Infectious Diseases</i> ² . [2025]	D-40
Mestanza	Effect of Dynamic Versus Immersive Erosive Aging Followed by Abrasion on Resin-Based Dental Ceramics. <u>Arianna Mestanza</u> ¹ ; Carley Cotnoir ² ; Natalia Bitencourt ¹ ; Jude Itani ² ; Michael Sekula ³ ; Thomas Berfield ⁴ ; Lara Monteiro ¹ <i>Bioinformatics & Biostatistics</i> ³ , <i>Comprehensive Dentistry</i> ¹ , <i>Graduate School</i> ² , and <i>Mechanical Engineering</i> ⁴ . [2025]	D-41
Mines	Effect of Ethnicity and Gender on Authorship of Scientific Publications: Pediatric Dentistry. <u>Molly Mines</u> ¹ ; Timothy Followell ¹ ; Grace DeSouza ² ; Kiara Rainey ¹ ; Michael Sekula ³ <i>Bioinformatics & Biostatistics</i> ³ , <i>Comprehensive Dentistry</i> ¹ , and <i>Dental Medicine</i> ² . [2025]	D-42

Mulcahy	Effects of Vitamin D on Pro-Inflammatory and Complement Pathways in LPS-Stimulated Oral Epithelial Cells. <u>Braden Mulcahy</u> ¹ ; Gill Diamond ¹ ; Erika Figgins ¹ ; Denny Gao ¹ <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-43
Origliasso	Assessment of Maxillary Incisor Position Relative to the Hard Tissue Glabella Vertical Line in Patients Using Lateral Cephalograms. <u>Michele Origliasso</u> ¹ ; Shubham Sharma ¹ ; Toru Deguchi ¹ ; Reza Farimani ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-44
Pan	Effect of Thermoadaptation on Fit Accuracy of 3D-printed Thermoplastic Occlusal Guards from PVS and Alginate Impressions. <u>Rachel Pan</u> ¹ ; Omar Moustafa ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-45
Patel	Relative fitness of cannabinoid-responsive Treponema denticola gene mutants. <u>Arjun Patel</u> ¹ ; Jinlian Tan ¹ ; Gwyneth Lamont ¹ ; David Scott ¹ <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-46
Patel	Sealant success in a learning environment: Uncovering barriers to optimal dental care at ULSD. <u>Maitri Patel</u> ¹ ; Dr. Hector Martinez ¹ ; Dr. Melissa Sierra ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-47
Pham	When Metal Gets in the Way: The Diagnostic Challenge of sLOT Imaging in Dentistry. <u>Lisa Pham</u> ¹ ; Sarah Ehsani ¹ ; Gustavo Santaella ¹ ; William Scarfe ¹ ; Christiano Oliveira-Santos ¹ ; David Braunstein ² <i>Comprehensive Dentistry</i> ² , and <i>Diagnosis & Oral Health</i> ¹ . [2025]	D-48
Pipkin	The Effects of Vitamin D on Inflammatory Cytokines in Osteosarcoma Cells of the Periodontal Ligament Space. <u>Autumn Pipkin</u> ¹ ; Nathan Anderson ¹ ; Gill Daimond ² ; Toru Deguchi ¹ <i>Oral Immunology & Infectious Diseases</i> ² , and <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-49
Preston	Micro-CT Evaluation of Dental Sealant Microleakage: A Comparative Analysis of Different Dental Sealants with and without a Bonding Agent. <u>Drew Preston</u> ¹ ; Natália Almeida Bastos Bitencourt ¹ ; Danieli Moura Brasil ¹ ; Gustavo Santaella ² ; Liliani Vieira ¹ ; Juan Carlos Villalobos ¹ <i>Comprehensive Dentistry</i> ¹ , and <i>Diagnosis & Oral Health</i> ² . [2025]	D-50
Quackenbush	Effects of Growth Mindsets on the Oral Health of Pediatric Patients. <u>Jeremy Quackenbush</u> ¹ ; Timothy Followell ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-51
Roskos	Impact of Post-Processing on the Fit Accuracy and Passivity of 3D-printed Implant-Supported Fixed Complete Dentures. <u>Michael Roskos</u> ¹ ; Omar Moustafa ² <i>Comprehensive Dentistry</i> ¹ , and <i>Rehabilitative & Reconstructive Dentistry</i> ² . [2025]	D-52
Ruotolo	Lipopolysaccharide Heterogeneity: Implications for Host-Microbiome Interactions. <u>Aaron Ruotolo</u> ¹ ; Masoud Hamidi ¹ ; Fata Moradali ¹ <i>Microbiology & Immunology</i> ¹ . [2025]	D-53

Sahyouni	Use of Computer Tomography (CT) for the Study of craniodental anatomy in extinct mammals. <u>Abdulrazak Sahyouni</u> ¹ ; Guillermo Rougier ² ; Brigid Connelly ² ; Zachary Biven-Leslie ² <i>Anatomical Sciences & Neurobiology</i> ² , and <i>Comprehensive Dentistry</i> ¹ . [2025]	D-54
Shive	Comparative Analysis of Computer Tomography (CT) Performance in Mammalian Craniodental Fossil Specimens. <u>Rachel Shive</u> ¹ ; Joseph Moore ¹ ; Guillermo Rougier ¹ <i>Anatomical Sciences & Neurobiology</i> ¹ . [2025]	D-55
Sosa	Artificial Intelligence for Prediction Location and Severity of Impacted Maxillary Teeth. <u>Taya Sosa</u> ¹ ; Andrew Dolce ¹ ; Sarah Abu Arqub ² ; Toru Deguchi ¹ <i>Augusta University</i> ² , and <i>Comprehensive Dentistry</i> ¹ . [2025]	D-56
Speelman	Comparison of Physical Properties of Milled vs. Printed Denture Base. <u>Jack Speelman</u> ¹ ; Sandro Bitencourt ¹ ; David Donatelli ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-57
Spencer	Synthetic Peptoids as Novel Antimicrobials Against Dual-Species Biofilms in Early Childhood Caries. <u>Jacob Spencer</u> ¹ ; Gill Diamond ¹ <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-58
Stark	Comparative Evaluation of Hard and Soft Tissue Changes Following One-Jaw vs. Two-Jaw Orthognathic Surgery in Skeletal Class III Patients with Varying Vertical Facial Patterns. <u>Michael Stark</u> ¹ ; Toru Deguchi ¹ ; Reza Morvaridi Farimani ¹ ; Brittany Gehlhausen ¹ <i>Orthopedics</i> ¹ . [2025]	D-59
Tanwani	Esthetic and Comfort Comparison Between Different Aligner Brands: Invisalign and Clarity. <u>Samrat Tanwani</u> ¹ ; Abe Rosenthal ¹ ; Rolando Pavon ¹ ; Mark Rosenthal ² ; Carl Gioia ¹ ; Toru Deguchi ¹ <i>Orthodontics and Oral Facial Genetics</i> ² , and <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-60
Wang	Comparative Evaluation of Stationary Intraoral Tomosynthesis and Conventional Radiography in Detecting Secondary Canals. <u>Donna Wang</u> ¹ ; Luiz Carlos de Lima Dias, Jr. ² ; Eduardo Bortoluzzi ² ; Christiano Santos ² ; Gabriela Gavilan Hadid ² <i>Comprehensive Dentistry</i> ¹ , and <i>Diagnosis & Oral Health</i> ² . [2025]	D-61
Warr	Evaluation of AI-Based Spanish Translations of a Dental Medical History Form Compared to Human Translation. <u>Jacob Warr</u> ¹ ; Natália Bitencourt ¹ ; Timothy Followell ¹ ; Juan Carlos Villalobos ¹ ; Liliani Vieira ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-62
Weisshaupt	Impact of Combined Chemoradiation on Salivary Gland Epithelial Cells and Organoid Morphology. <u>Vanessa Weisshaupt</u> ¹ ; Dr. Kimberly Jasmer ¹ ; Dr. Lisa Sandell ¹ ; Dr. Veerupaxagouda Patil ¹ <i>Oral Immunology & Infectious Diseases</i> ¹ . [2025]	D-63

Wells	Development of a Sensor Holder for Stationary Intraoral Tomosynthesis for Endodontic Application. <u>Abbey Wells</u> ¹ ; Rieser Wells ¹ ; Gustavo Santaella ¹ ; William Scarfe ¹ ; Sarah Ehsani ¹ ; Gabriela Hadid ¹ ; Christiano Oliveira-Santos ¹ <i>Diagnosis & Oral Health</i> ¹ . [2025]	D-64
Wells	Endodontic Application of sIOT: Determining Instrument Location in Multi-Rooted Teeth. <u>Rieser Wells</u> ¹ ; Abbey Wells ² ; Gabriela Hadid ² ; Micheal Sekula ² ; Cristiano Santos ² ; Gustavo Santaella ² ; William Scarfe ² <i>Comprehensive Dentistry</i> ¹ , and <i>Diagnosis & Oral Health</i> ² . [2025]	D-65
Williams	Influence of Toothbrush Abrasion on the Surface Characteristics of 3D-printed Resin for Crowns. <u>Jared Williams</u> ¹ ; David Donatelli ¹ ; Sandro Bitencourt ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-66
Wolfe	Synthesis And Characterization of a Sustained Nitric Oxide-Releasing Elastomeric Chain for Antimicrobial Action. <u>Marjorie Wolfe</u> ¹ ; Sudha Gudhimella ¹ <i>Rehabilitative & Reconstructive Dentistry</i> ¹ . [2025]	D-67
Ye	Comparison of Mechanical Properties Between Thermoformed and Direct-Printed Aligners. <u>Young Ye</u> ¹ ; Stella Kim ² ; Reza Farimani ² ; Michael Sekula ³ ; Rolando Pavon ⁴ ; Sudha Gudhimella ² ; Toru Deguchi ² <i>Bioinformatics & Biostatistics</i> ³ , <i>Comprehensive Dentistry</i> ¹ , <i>Graduate School</i> ⁴ , and <i>Rehabilitative & Reconstructive Dentistry</i> ² . [2025]	D-68
Young	Detection of KCNMA1 and ATP6VOD2 in Minor Salivary Glands. <u>Savannah Young</u> ¹ ; Lisa Ryan ¹ ; Brian Shumway ² <i>Diagnosis & Oral Health</i> ¹ , and <i>Oral Immunology & Infectious Diseases</i> ² . [2025]	D-69
Yuen	Effect of Acid Exposure on Properties of Prefabricated Pediatric Crown Materials. <u>Justin Yuen</u> ¹ ; Timothy Followell ¹ <i>Comprehensive Dentistry</i> ¹ . [2025]	D-70

Public Health Graduate Student—Doctoral Candidate

Abraham	Evaluating Social Determinants Of Health Clusters within Rurality And Its Effect on Cancer-specific Mortality. <u>Stephie Abraham</u> ¹ ; Kathy Baumgartner ¹ ; Natalie DuPre ¹ ; Nicholas Peiper ¹ ; Jeremy Gaskins ² ; Stephanie Boone ¹ <i>Bioinformatics & Biostatistics</i> ² , and <i>Epidemiology & Population Health</i> ¹ . [2025]	GPHD-1
Adebanjo	Evidence-Based Intervention Strategies to Address Stimulant Misuse Among Youths: A Review. <u>Ayobamidele Adebanjo</u> ¹ ; Samir Kumar Sarker Rony ¹ ; Geremew Wana ¹ ; Aishia Brown ¹ <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	GPHD-2

Adesina	Sex Differences in Clinical Outcomes Among Hospitalized Patients With Breakthrough COVID-19, 2021–2023. <u>Oluwabunmi Adesina</u> ¹ ; Vidyulata Salunkhe ² ; Forest Arnold ² ; T’shura Ali ¹ <i>Epidemiology & Population Health</i> ¹ , and <i>Medicine</i> ² . [2025]	GPHD-3
Adhikari	Neighborhood Fast-Food Exposure and Colorectal Cancer (CRC)-specific, and All-cause Mortality: A Retrospective Study of CRC Cases from the Kentucky Cancer Registry (KCR). <u>Jeevan Adhikari</u> ¹ ; Natalie DuPre ¹ ; Kira Taylor ¹ ; Brian Guinn ¹ ; Sandra Kavalukas ² ; Charlie Zhang ³ <i>Epidemiology & Population Health</i> ¹ , <i>Geography/Geosciences</i> ³ , and <i>Surgery</i> ² . [2025]	GPHD-4
Babarinde	Individual and neighborhood predictors of urinary toxic metal concentrations: Results from the Louisville Environmental Assessments Pilot Study in Colorectal Cancer. <u>Olufunmilayo Babarinde</u> ¹ ; Sandy Kavalukas ² ; Jeremy Gaskins ³ ; Jeevan Adhikari ¹ ; Lu Cai ⁴ ; Jason Xu ⁴ ; Allie Jin ² ; Daniel Riggs ⁵ ; Kira Taylor ¹ ; Kathy Baumgartner ¹ ; Natalie DuPre ¹ <i>Bioinformatics & Biostatistics</i> ³ , <i>Epidemiology & Population Health</i> ¹ , <i>Medicine</i> ⁵ , <i>Pediatrics</i> ⁴ , and <i>Surgery</i> ² . [2025]	GPHD-5
Boudreau	Associations between genetic variation in SMAD proteins and breast cancer risk in a genetically admixed population. <u>Katherine Boudreau</u> ¹ ; Kira Taylor ¹ ; Kathy Baumgartner ¹ ; Stephanie Boone ¹ <i>Epidemiology & Population Health</i> ¹ . [2025]	GPHD-6
Kearney	“Everyone’s just trying to figure it out”: Identification of Barriers to Mobile Crisis Team Implementation Throughout Kentucky. <u>Alyssa Kearney</u> ¹ ; Brian Schaefer ¹ <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	GPHD-7
Lou	Perinatal Outcomes and Patient-Reported Satisfaction Associated with the Receipt of Prenatal Care via a Mobile Health Clinic: A Scoping Review. <u>Yiru Lou</u> ¹ ; Anika Mehta ² ; Sara Choate ¹ ; Ansley Stuart ³ ; Melody Ucho ² ; Melissa Eggen ² <i>Graduate School</i> ³ , <i>Health Management & Systems Sciences</i> ² , and <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	GPHD-8
Maskey	The Association of Sleep Health with Epigenetic Aging among Early Adolescents: Insights from the HOME Study. <u>Smriti Maskey</u> ¹ ; Jennifer Arzu ² ; Aimin Chen ³ ; Kim Cecil ⁴ ; Kimberly Yolton ⁵ ; Joseph Braun ² ; Clara Sears ⁶ <i>Department of Biostatistics, Epidemiology and Informatics</i> ³ , <i>Department of Epidemiology</i> ² , <i>Department of Pediatrics</i> ⁵ , <i>Department of Radiology</i> ⁴ , <i>Epidemiology & Population Health</i> ¹ , and <i>Medicine</i> ⁶ . [2025]	GPHD-9
Mehta	Analyzing the impact of Shared Decision Making on Cancer Patients. <u>Anika Mehta</u> ¹ ; Seyed Karimi ¹ <i>Health Management & Systems Sciences</i> ¹ . [2025]	GPHD-10

Mustapha	Residential Segregation and Breast Cancer-Specific Mortality Among Black and White Women in Louisville. Toheeb <u>Mustapha Mustapha</u> ¹ ; Jelani Kerr ¹ ; Natalie DuPre ² <i>Epidemiology & Population Health</i> ² , and <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	GPHD-11
Otoo-Annan	Mortality Associated with Tramadol and Opioid Combination Use: Analysis of FAERS Data, 2014–2024. <u>Emmanuel Otoo-Annan</u> ¹ ; Natalie DuPre ¹ ; Demetra Antimisiaris ² <i>Epidemiology & Population Health</i> ¹ , and <i>Health Management & Systems Sciences</i> ² . [2025]	GPHD-12
Sarker Rony	Effectiveness of strategies to Increase Mental Health Services Utilization among Young Adult Gender & Sexual Minorities - A Scoping Review. <u>Samir Kumar Sarker Rony</u> ¹ ; Geremew Wana ¹ ; Ayobamidele Adebajo ¹ ; Susann Thomas ¹ ; Ryan Combs ¹ <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	GPHD-13
Tinman	A Qualitative Investigation of Behavioral Health and Avoidable Behavioral Health Hospital Utilization in Kentucky. <u>Jennifer Tinman</u> ¹ ; Brian Schaefer ¹ ; Hallie Decker ² <i>Department of Population Health</i> ² , and <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	GPHD-14
Wana	Bridging the Crisis Gap: A Scoping Review of Psychological Distress and Help-Seeking Behaviors in Black Americans Using Crisis Hotlines. <u>Geremew Wana</u> ¹ ; Samir Kumar Rony ¹ ; Md Rakibul Hasan ¹ ; Ryan Combs ¹ <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	GPHD-15

Public Health Graduate Student—Masters

Aranha	Racial and Ethnic Disparities in Early Alcohol Use Initiation Among United States Adolescents During 2002–2023. <u>Venetia Aranha</u> ¹ ; Nicholas Peiper ¹ <i>Epidemiology & Population Health</i> ¹ . [2025]	GPHM-1
Edwards	Discourses of Hope: A Qualitative Exploration of the Intersections of Critical Action and Community Connection Among Black Youth Situated in Social Justice Movements. <u>Emily Edwards</u> ¹ ; Gaberiel Jones Jr. ¹ ; Aishia Brown ¹ ; Lesley Harris ² ; Alyssa Kearney ¹ ; Monica Wendel ³ <i>Health Promotion & Behavioral Sciences</i> ¹ , <i>Kent School of Social Work</i> ² , and <i>Zilber College of Public Health</i> ³ . [2025]	GPHM-2

Lopez Baron	Developing a decision-making tool for early sepsis detection: An approach to reduce treatment-related mortality in children with cancer in low-resource settings. <u>Eliana Lopez Baron</u> ¹ ; Eileen Fonseca ² ; German Camacho-Moreno ³ ; Carlos Andres Portilla ³ ; Javier Aguilar-Mejia ² ; Santiago Bolivar ⁴ ; Oscar Ramirez ⁵ ; Monica Quijano-Lievano ⁶ ; Leidy Tovar-Padua ³ ; Paula Aristizabal ³ ; Andrew Scott LaJoie ¹ <i>Department of Pathology</i> ⁵ , <i>Department of Pediatrics</i> ³ , <i>HOMI-Fundacion Hospital de la Misericordia</i> ² , <i>Health Promotion & Behavioral Sciences</i> ¹ , <i>School of Medicine</i> ⁴ , and <i>School of Public Health</i> ⁶ . [2025]	GPHM-3
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Thursday: 9am - Noon

Faculty

Baisch	Rates and Predictors of Depressive Symptoms Among Amish and Mennonite Women in Ohio: A Descriptive Correlational Study. <u>Kristin Baisch</u> ¹ ; Lora Wyss ² ; Rosanna Hess ² ; Paul Clark ¹ ; Kate Adelstein ¹ ; Ratchneewan Ross ¹ <i>Nursing</i> ² , and <i>School of Nursing</i> ¹ . [2025]	F-1
Banerjee	Arsenic disrupts autophagosome-lysosome fusion in a zinc dependent manner. <u>Mayukh Banerjee</u> ¹ ; Rachel Goff ¹ ; Sidimohamed Elmoustapha ¹ ; Shelia Thomas ¹ <i>Pharmacology and Toxicology</i> ¹ . [2025]	F-2
Eggen	Perspectives and Practices Related to Mode of Birth After Cesarean: A Cross-Sectional Survey of Kentucky Birth Providers. <u>Melissa Eggen</u> ¹ ; Mary Curnutte ² ; Bridget Basile ³ ; Katherine Yewell ⁴ <i>Economics</i> ⁴ , <i>Health Management & Systems Sciences</i> ¹ , <i>Health Management and Systems Sciences</i> ² , and <i>School of Nursing</i> ³ . [2025]	F-3
Felton	Leveraging Social Media to Combat Pediatric Misinformation: A Faculty Advocacy and Education Model. <u>Heather Felton</u> ¹ <i>Pediatrics</i> ¹ . [2025]	F-4
Haberzettl	Circadian dyssynchrony, a susceptible state for air pollution-induced metabolic disease. <u>Petra Haberzettl</u> ¹ <i>Medicine</i> ¹ . [2025]	F-5
Kerr	Policy and Pain: Knowledge Translation for an HIV-focused Project. <u>Jelani Kerr</u> ¹ ; Nqobile Nzama ¹ ; Trinidad Jackson ¹ ; Gaberiel Jones ¹ <i>Health Promotion & Behavioral Sciences</i> ¹ . [2025]	F-6
Lypova	Exploring Metabolic Adaptations in Drug-Tolerant Cancer Cells: Model Development. <u>Nadiia Lypova</u> ¹ ; Scott Garza ¹ ; Jason Chesney ¹ <i>Medicine</i> ¹ . [2025]	F-7

Marimuthu	Multiplexed, Rapid, Real-Time PCR Detection of Legionella pneumophila, Chlamydia pneumoniae and Mycoplasma pneumoniae in Broncho-Alveolar Lavage (BAL) and Oropharyngeal (OP) Specimens Using the Diasorin LIAISON MDX Instrument. Subathra Marimuthu ¹ ; Laura Schindler ¹ ; Holly Aliesky ¹ ; Stephanie Garr ¹ ; Bailey Czerkiewicz ¹ ; Leslie Wolf Parrish ¹ <i>Medicine</i> ¹ . [2025]	F-8
Marques	Effects of Implementation of Night-Time Bedside Rounds on Labor and Delivery. Kevin Marques ¹ ; Augustus Williams ² <i>Obstetrics, Gynecology & Women's Health</i> ¹ , and <i>Undergraduate Medical Education</i> ² . [2025]	F-9
Monreal	"Innovation in medicine": Current concepts and perceived barriers to medical student participation. Gretel Monreal ¹ ; Isabelle Hattab ² ; Anjali Senthilkumar ² ; Steven Koenig ³ <i>Bioengineering</i> ³ , <i>Cardiovascular and Thoracic Surgery</i> ¹ , and <i>Undergraduate Medical Education</i> ² . [2025]	F-10
Montoya-Durango	Specific Inhibition of Phosphodiesterase 4 (PDE4) by Roflumilast Attenuates the Progression of Alcohol Induced Liver Disease in Mice. Diego Montoya-Durango ¹ ; Mary Nancy Walter ¹ ; Walter Rodriguez-Alvarez ¹ ; Yali Wang ¹ ; Shirish Barve ² ; Craig McClain ² ; Leila Gobejishvili ¹ <i>Medicine</i> ² , and <i>Physiology</i> ¹ . [2025]	F-11
Richardson	HIV/AIDS-related Stigma in Dentistry: A Comparative Analysis of Dental Student Perceptions and Attitudes, and Dental Curricula. Leonda Richardson ¹ <i>Diagnosis & Oral Health</i> ¹ . [2025]	F-12
Shah	Targeting Nucleolin for the treatment of ER negative breast cancer. Parag Shah ¹ ; Robert Monsen ¹ ; Barbara O'Steen ¹ ; Levi Beverly ¹ <i>Medicine</i> ¹ . [2025]	F-13
Todd	A combined study assessing the effect of race and ethnicity on parent perspectives of care provided by pediatric dermatology. Patricia Todd ¹ ; Divija Sharma ² ; Rachel Goff ² ; Alia Ahmadi ² ; Emily Noonan ² ; Theresa Kluthe ³ <i>Graduate School</i> ³ , <i>Medicine</i> ² , and <i>Pediatrics</i> ¹ . [2025]	F-14

Faculty in the LIAM Program

Magalis	Faculty and Student Perceptions of Medical Professionalism: A Graphic Medicine Approach. Brittany Magalis ¹ ; Elkin Galvis ² ; Malavika Prasad ³ ; Shuying Sha ⁴ ; Qi Zheng ⁵ <i>Biochemistry and Molecular Genetics</i> ¹ , <i>Bioinformatics & Biostatistics</i> ⁵ , <i>Orthopedics</i> ² , <i>Pediatrics</i> ³ , and <i>School of Nursing</i> ⁴ . [2025]	F-LIAM-1
Noonan	Improving Learner Engagement by Humanizing Educators using Gamification. Emily Noonan ¹ ; Adkins Kandis ² ; David Braunstein ³ ; Ramin Hamidi ⁴ ; Michelle Palazzo ⁵ <i>Cardiovascular and Thoracic Surgery</i> ² , <i>Comprehensive Dentistry</i> ³ , <i>Radiology</i> ⁴ , <i>Surgery</i> ⁵ , and <i>Undergraduate Medical Education</i> ¹ . [2025]	F-LIAM-2

Rapson	Improving Employee Engagement Within University of Louisville Physicians Using Recognition and Reward Methods. <u>Bridget Rapson</u> ¹ ; Debbie Edison ¹ ; Peggy Nash ¹ ; Tess Ocean ¹ <i>UofL Health</i> ¹ . [2025]	F-LIAM-3
Schultz	Exploring Use of a Tailored GPT to Enhance and Evaluate Readiness to Participate in Self-Directed Learning in Health Professions Education Learners. <u>Kristie Vail Schultz</u> ¹ ; Mustafa Al-Kawaaz ² ; David Neuberger ³ ; Brian Williams ⁴ <i>Family and Geriatric Medicine</i> ³ , <i>Neurological Surgery</i> ⁴ , <i>Pathology & Laboratory Medicine</i> ² , and <i>Pediatrics</i> ¹ . [2025]	F-LIAM-4
Zirnheld	Assessing Knowledge Gaps Using Artificial Intelligence Among Self Directed Learners. <u>Jolene Zirnheld</u> ¹ ; Gaurav Rajasekar ² ; Gunjan Garg ² <i>Comprehensive Dentistry</i> ¹ , and <i>Medicine</i> ² . [2025]	F-LIAM-5

THURSDAY: 1 - 4pm

Nursing Graduate Student

Abdulnabi	Predictors of Newly Licensed Nurses' Engagement in Quality Improvement: The Role of Education, Training, and Online Learning. <u>Amani Abdulnabi</u> ¹ ; Said Abusalem ¹ ; Jason Immekus ² <i>Educational Leadership, Evaluation, and Organizational Development</i> ² , and <i>School of Nursing</i> ¹ . [2025]	NUR-1
Al Araydeh	Measuring Depression in HIV Risk Populations: Validation of the CES-D-10. <u>Mifleh Al Araydeh</u> ¹ ; Lesley Harris ² ; Jelani Kerr ³ ; Shirish Barve ⁴ ; Said Abusalem ¹ ; Paul Clark ¹ ; Ratchneewan Ross ¹ <i>Health Promotion & Behavioral Sciences</i> ³ , <i>Kent School of Social Work</i> ² , <i>Medicine</i> ⁴ , and <i>School of Nursing</i> ¹ . [2025]	NUR-2
Bakhtiyari	Fear of Cancer Recurrence and Rumination in Relation to Anxiety and Depression Among Ovarian Cancer Survivors: A Pilot Study. <u>Zahra Bakhtiyari</u> ¹ ; Katharine Adelstein ¹ <i>School of Nursing</i> ¹ . [2025]	NUR-3
Choi	Improving Collaboration with Hospital Security and Nursing Staff, When Treating Patients in Acute Crisis, by Implementing a Modified SBAR Card. <u>Yuna Choi</u> ¹ ; Katharine Adelstein ¹ <i>School of Nursing</i> ¹ . [2025]	NUR-4
Hasani	Maternal Perinatal Depression: A Concept Analysis. <u>Roya Hasani</u> ¹ ; Ratchneewan Ross ¹ <i>School of Nursing</i> ¹ . [2025]	NUR-5
Hirst	Enhancing PA Education on Sexual Assault and IPV: Evaluating the SATELLITE Guide. <u>Joelle Hirst</u> ¹ ; Kate Schewe ² ; Ratchneewan Ross ¹ <i>Physician Assistant (PA) Program</i> ² , and <i>School of Nursing</i> ¹ . [2025]	NUR-6

Kern	Community Citizenship as a Determinant of Health in Persons Experiencing Houselessness: A Concept Analysis. <u>Nancy Kern</u> ¹ ; Ratchneewan Ross ¹ <i>School of Nursing</i> ¹ . [2025]	NUR-7
McKeown	Concept Analysis: Interventional Skin Hygiene for Critically Ill Neonates vs. Bathing. <u>Katherine McKeown</u> ¹ ; Said Abusalem ¹ ; Ratchneewan Ross ¹ <i>School of Nursing</i> ¹ . [2025]	NUR-8
Sapkota	A Pragmatic Framework of Resilient Mental Health of Parents of Children with Autism Spectrum Disorder Before and During COVID-19: A Mixed Systematic-Realist Review. <u>Shubha Sapkota</u> ¹ ; Kimberly Hartson ¹ ; Ratchneewan Ross ¹ <i>School of Nursing</i> ¹ . [2025]	NUR-9

RESEARCH! LOUISVILLE ABSTRACT CITATION AUTHOR INDEX

Last Name	First Name	Abstract ID	Session Day and Time
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Abdelfadil	Yasmeen	RS-2	Wednesday, 9am - Noon
Abdelhalim	Ibrahim	GDE-1	Monday, 9am - Noon
Abdelrahim	Mostafa	GME-1	Monday, 9am - Noon
Abdulnabi	Amani	NUR-1	Thursday, 1 - 4pm
Abo Kasem	Rahim	PRF-1	Wednesday, 9am - Noon
Abou El-Ezz	Mohammad	CR-1	Tuesday, 1 - 4pm
Aboudessouki	Ahmed	GDE-2	Monday, 9am - Noon
Abozaid	Leen	MED-DT-1	Tuesday, 1 - 4pm
Abraham	Stephie	GPHD-1	Wednesday, 1 - 4pm
Adebanjo	Ayobamidele	GPHD-2	Wednesday, 1 - 4pm
Adesina	Oluwabunmi	GPHD-3	Wednesday, 1 - 4pm
Adhikari	Jeevan	GPHD-4	Wednesday, 1 - 4pm
Ahmad	Mahboob	RS-3	Wednesday, 9am - Noon
Ahmed	Muhammad Ihsan	RS-4	Wednesday, 9am - Noon
Ajmani	Anisha	MED-1	Tuesday, 1 - 4pm
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Almadani	Omar	D-3	Wednesday, 1 - 4pm
Almarshood	Hebah	GRD-1	Tuesday, 9am - Noon
Almosawi	Mustafa	MED-DT-4	Tuesday, 1 - 4pm
AlQuran	Abdurrahman	MED-DT-2	Tuesday, 1 - 4pm
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Azam	Mohamed	GDE-4	Monday, 9am - Noon
Azua Rojas	Hyrum	D-5	Wednesday, 1 - 4pm
Babarinde	Olufunmilayo	GPHD-5	Wednesday, 1 - 4pm
Baier	Elizabeth	MED-DT-6	Tuesday, 1 - 4pm
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Brinker	Chad	D-8	Wednesday, 1 - 4pm
Brown	Reiley	D-9	Wednesday, 1 - 4pm
Buck	Robert	MED-2	Tuesday, 1 - 4pm
Cain	Wiley	MED-DT-10	Tuesday, 1 - 4pm
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Casto	Madeleine Marie	D-11	Wednesday, 1 - 4pm
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Cawthon	Leah	D-13	Wednesday, 1 - 4pm
Celis	Ian	GRM-4	Tuesday, 9am - Noon
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Chen	Christine	MED-DT-12	Tuesday, 1 - 4pm
Cheng	Kevin	D-14	Wednesday, 1 - 4pm
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Coleman	Austin	D-17	Wednesday, 1 - 4pm
Collins	Emma	MED-DT-14	Tuesday, 1 - 4pm
Collis	William	RES-1	Monday, 1 - 4pm
Connor	Colton	MED-3	Tuesday, 1 - 4pm
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Cornelius	Mary	D-19	Wednesday, 1 - 4pm
Cortez-Thomas	Francisco	MED-4	Tuesday, 1 - 4pm
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Counts	Rebecca	D-21	Wednesday, 1 - 4pm

Cox	Bailey	MED-DT-15	Tuesday, 1 - 4pm
Crane	Joshua	RES-2	Monday, 1 - 4pm
Curren Ferrucci	Catherine	GRD-4	Tuesday, 9am - Noon
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Deckard	Mikayla	MED-6	Tuesday, 1 - 4pm
Dehghani Firouzabadi	Fatemah	RES-3	Monday, 1 - 4pm
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Dickson	Jacob	D-23	Wednesday, 1 - 4pm
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Dodds	John	MED-9	Tuesday, 1 - 4pm
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Duff	Bailee	MED-10	Tuesday, 1 - 4pm
Duffy	James	RES-4	Monday, 1 - 4pm
Duffy	Rebecca	MED-11	Tuesday, 1 - 4pm
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Elmoustapha	Sidimohamed	MED-DT-17	Tuesday, 1 - 4pm
Elsharkawy	Mohamed	GDE-6	Monday, 9am - Noon
Fairbanks	Braden	MED-DT-18	Tuesday, 1 - 4pm
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Feller	Jace	D-24	Wednesday, 1 - 4pm
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Fernandez	John	MED-12	Tuesday, 1 - 4pm
Ferrill	Rachel	GRM-5	Tuesday, 9am - Noon
Florman	Adam	MED-DT-19	Tuesday, 1 - 4pm
Ford	Easton	PRF-4	Wednesday, 9am - Noon
Franxman	Amelia	MED-DT-20	Tuesday, 1 - 4pm
Froman-Glover	Charles	MED-DT-21	Tuesday, 1 - 4pm
Fuller	Lauren	D-25	Wednesday, 1 - 4pm
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Garrido Recalde	Allyson Aneth	GRM-6	Tuesday, 9am - Noon
Garrison	Taylor	GRD-8	Tuesday, 9am - Noon
Garvey	John	MED-13	Tuesday, 1 - 4pm
Garza	Scott	RS-7	Wednesday, 9am - Noon
Gearlds	Ashley	D-26	Wednesday, 1 - 4pm
Ghosh	Sweta	RA-1	Wednesday, 9am - Noon

Gollamudi	Aishwarya	MED-DT-22	Tuesday, 1 - 4pm
Gomes	Daniel	GRD-9	Tuesday, 9am - Noon
Gordinier	Max	MED-DT-23	Tuesday, 1 - 4pm
Gorga	Collette	MED-DT-24	Tuesday, 1 - 4pm
Gossett Calderon	Miya	D-27	Wednesday, 1 - 4pm
Greenwood	Kelsey	MED-DT-25	Tuesday, 1 - 4pm
Griffin	Gabrielle	GRD-10	Tuesday, 9am - Noon
Grimm	Andrew	MED-DT-26	Tuesday, 1 - 4pm
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Gul	Essa	MED-DT-27	Tuesday, 1 - 4pm
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Hacker	Abigail	D-29	Wednesday, 1 - 4pm
Hanford	Hannah	PRF-6	Wednesday, 9am - Noon
Hardy	Garrett	RS-8	Wednesday, 9am - Noon
Harris	Alan	MED-DT-29	Tuesday, 1 - 4pm
Hart	Brian	MED-DT-30	Tuesday, 1 - 4pm
Hart	Paige	MED-14	Tuesday, 1 - 4pm
Hasani	Roya	NUR-5	Thursday, 1 - 4pm
Hattab	Isabelle	MED-DT-31	Tuesday, 1 - 4pm
Hayden	Katie	D-30	Wednesday, 1 - 4pm
Head	Maggie	MED-15	Tuesday, 1 - 4pm
Heard	Whitney	MED-16	Tuesday, 1 - 4pm
Heffley	Allison	MED-DT-32	Tuesday, 1 - 4pm
Hetman	Adam	GRM-7	Tuesday, 9am - Noon
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Holt	Mason	RS-9	Wednesday, 9am - Noon
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Hong	Jung-Woo	D-32	Wednesday, 1 - 4pm
Hopewell	Zoe	MED-17	Tuesday, 1 - 4pm
Hopkins	Annah	MED-DT-33	Tuesday, 1 - 4pm
Huang	Emma	MED-18	Tuesday, 1 - 4pm
HUI	XIAODAN	PRF-5	Wednesday, 9am - Noon
Humphress	Evan	D-33	Wednesday, 1 - 4pm
Hurst	McKay	D-34	Wednesday, 1 - 4pm
Idowu	Ruth	GRD-11	Tuesday, 9am - Noon
Isaacs	William	MED-DT-34	Tuesday, 1 - 4pm
Isom	Cierra	GRD-12	Tuesday, 9am - Noon
Jackson	Olivia	D-35	Wednesday, 1 - 4pm

Jaikumar	Gita	MED-19	Tuesday, 1 - 4pm
Jasper	Genell	GRM-8	Tuesday, 9am - Noon
Jewett	Megan	MED-20	Tuesday, 1 - 4pm
Johnson	Sidney	GRM-9	Tuesday, 9am - Noon
John	Vishal	MED-21	Tuesday, 1 - 4pm
Jonathan	Irene	MED-DT-35	Tuesday, 1 - 4pm
Joshi	Kundan	GDE-7	Monday, 9am - Noon
Kahloon	Lilah	MED-DT-36	Tuesday, 1 - 4pm
Kaiser	Catherine	GRD-13	Tuesday, 9am - Noon
Karki	Deepa	GRD-14	Tuesday, 9am - Noon
Kaur	Arshi	MED-22	Tuesday, 1 - 4pm
Kearney	Alyssa	GPHD-7	Wednesday, 1 - 4pm
Kennedy	Claire	MED-DT-37	Tuesday, 1 - 4pm
Kern	Nancy	NUR-7	Thursday, 1 - 4pm
Kerr	Jelani	F-6	Thursday, 9am - Noon
Khan	Hannah	MED-DT-38	Tuesday, 1 - 4pm
Khan	Nimra	D-36	Wednesday, 1 - 4pm
Khudri	Mohamed	GME-2	Monday, 9am - Noon
Killion	Ryan	MED-DT-39	Tuesday, 1 - 4pm
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Kropp	Kasey	GRM-10	Tuesday, 9am - Noon
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Le	Rolandson	MED-DT-42	Tuesday, 1 - 4pm
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Lopez Baron	Eliana	GPHM-3	Wednesday, 1 - 4pm
Lou	Yiru	GPHD-8	Wednesday, 1 - 4pm
Lung	Zoe	MED-DT-43	Tuesday, 1 - 4pm
Lypova	Nadiia	F-7	Thursday, 9am - Noon
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Mahoney	Colleen	MED-DT-45	Tuesday, 1 - 4pm
Maine	Hope	MED-26	Tuesday, 1 - 4pm
Majeed	Imad	CRF-3	Monday, 1 - 4pm
Makhloufi	Jamila	GRM-12	Tuesday, 9am - Noon

Manche	Krista	D-38	Wednesday, 1 - 4pm
Marimuthu	Subathra	F-8	Thursday, 9am - Noon
Marques	Kevin	F-9	Thursday, 9am - Noon
Maskey	Smriti	GPHD-9	Wednesday, 1 - 4pm
Mattingly	Cameron	MED-27	Tuesday, 1 - 4pm
Maurell Luis	Marcell	D-39	Wednesday, 1 - 4pm
Maxwell	Hunter	CR-6	Tuesday, 1 - 4pm
Maya	Tala	CR-7	Tuesday, 1 - 4pm
Maya	Tala	MED-DT-46	Tuesday, 1 - 4pm
Mayer	Katarina	GRD-16	Tuesday, 9am - Noon
McKeown	Katherine	NUR-8	Thursday, 1 - 4pm
Meaza	Idoia	PRF-8	Wednesday, 9am - Noon
Mehta	Anika	GPHD-10	Wednesday, 1 - 4pm
Messer	Madison	D-40	Wednesday, 1 - 4pm
Mestanza	Arianna	D-41	Wednesday, 1 - 4pm
Metz	Emily	MED-DT-47	Tuesday, 1 - 4pm
Meyer	Nicholas	MED-DT-48	Tuesday, 1 - 4pm
Miller	Hunter	CRF-2	Monday, 1 - 4pm
Miller	Joseph	CR-8	Tuesday, 1 - 4pm
Mines	Molly	D-42	Wednesday, 1 - 4pm
Mohamed	Walid	GRM-13	Tuesday, 9am - Noon
Moni	Sayra	GRD-17	Tuesday, 9am - Noon
Monreal	Gretel	F-10	Thursday, 9am - Noon
Montoya-Durango	Diego	F-11	Thursday, 9am - Noon
Motheramgari	Vishaka	MED-DT-49	Tuesday, 1 - 4pm
Mulcahy	Braden	D-43	Wednesday, 1 - 4pm
Mulhall	David	MED-DT-50	Tuesday, 1 - 4pm
Mustapha	Toheeb Mustapha	GPHD-11	Wednesday, 1 - 4pm
Nadakal	Steven	GRD-18	Tuesday, 9am - Noon
Nail	Alexandra	PRF-9	Wednesday, 9am - Noon
Nair	Nikita	MED-DT-51	Tuesday, 1 - 4pm
Nasme	Fariha	GRD-19	Tuesday, 9am - Noon
Nasta	Sanjana	MED-DT-52	Tuesday, 1 - 4pm
Nemeth	George	MED-DT-53	Tuesday, 1 - 4pm
Newton	Johnnie	PRF-10	Wednesday, 9am - Noon
Nguyen	Alyssa	MED-DT-54	Tuesday, 1 - 4pm
Nierva	Chadwick	CR-9	Tuesday, 1 - 4pm
Noonan	Emily	F-LIAM-2	Thursday, 9am - Noon
Nugent	Chelsae	MED-DT-55	Tuesday, 1 - 4pm
Ogundiran	Olukemi	MED-28	Tuesday, 1 - 4pm

Okoronkwo	Uchechi	MED-DT-56	Tuesday, 1 - 4pm
Origliasso	Michele	D-44	Wednesday, 1 - 4pm
Ossege	Olivia	MED-DT-57	Tuesday, 1 - 4pm
Otoo-Annan	Emmanuel	GPHD-12	Wednesday, 1 - 4pm
Otte	Evan	MED-29	Tuesday, 1 - 4pm
Owolabi	Gbemisola	MED-DT-58	Tuesday, 1 - 4pm
Padmaraj	Pallavi	GRM-14	Tuesday, 9am - Noon
Palmer	Iona	MED-DT-59	Tuesday, 1 - 4pm
Pan	Rachel	D-45	Wednesday, 1 - 4pm
Patel	Amini	CR-10	Tuesday, 1 - 4pm
Patel	Arjun	D-46	Wednesday, 1 - 4pm
Patel	Maitri	D-47	Wednesday, 1 - 4pm
Patel	Neel	MED-DT-60	Tuesday, 1 - 4pm
Patel	Ronit	MED-DT-61	Tuesday, 1 - 4pm
Petri	Belinda	PRF-11	Wednesday, 9am - Noon
Pham	Lisa	D-48	Wednesday, 1 - 4pm
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Preston	Felicia	GRD-21	Tuesday, 9am - Noon
Pugh	Seamus	GRD-22	Tuesday, 9am - Noon
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Richardson	Nadia	GRD-23	Tuesday, 9am - Noon
Rodgers	Alice	MED-DT-65	Tuesday, 1 - 4pm
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Sahyouni	Abdulrazak	D-54	Wednesday, 1 - 4pm
Sample	Riley	CR-13	Tuesday, 1 - 4pm

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Sanati	Milad	MED-32	Tuesday, 1 - 4pm
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Schultz	Julianne	MED-33	Tuesday, 1 - 4pm
Schultz	Kristie Vail	F-LIAM-4	Thursday, 9am - Noon
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Scott	Kade	MED-DT-67	Tuesday, 1 - 4pm
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Sheneman	Katelyn	GRD-29	Tuesday, 9am - Noon
Shive	Rachel	D-55	Wednesday, 1 - 4pm
Shrestha	Riya	RS-10	Wednesday, 9am - Noon
Shumaker	Rocklin	RES-6	Monday, 1 - 4pm
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Spencer	Jacob	D-58	Wednesday, 1 - 4pm
Stark	Michael	D-59	Wednesday, 1 - 4pm
Steele	Ethan	RES-7	Monday, 1 - 4pm
Stephenson	Tyler	MED-DT-69	Tuesday, 1 - 4pm
Strobl	Nicholas	MED-DT-70	Tuesday, 1 - 4pm
Sumlut	Mary	GRD-30	Tuesday, 9am - Noon
Suthar	Aastha	PRF-14	Wednesday, 9am - Noon
Tanwani	Samrat	D-60	Wednesday, 1 - 4pm
Tejuoso	Ademilola	RES-8	Monday, 1 - 4pm
Thompson	Samuel	CR-16	Tuesday, 1 - 4pm
Tian	Yu	GRM-16	Tuesday, 9am - Noon
Tinkler	Claire	MED-35	Tuesday, 1 - 4pm
Tinman	Jennifer	GPHD-14	Wednesday, 1 - 4pm

Todd	Patricia	F-14	Thursday, 9am - Noon
Untaroiu	Ana	RES-9	Monday, 1 - 4pm
Utter	Taylor	MED-36	Tuesday, 1 - 4pm
Vallarta	Anna	MED-DT-71	Tuesday, 1 - 4pm
Van Nort	Warren	MED-DT-72	Tuesday, 1 - 4pm
Vasu	Idhaya	MED-DT-73	Tuesday, 1 - 4pm
Vemuri	Sreevatsa	MED-37	Tuesday, 1 - 4pm
Vielee	Samuel	GRD-31	Tuesday, 9am - Noon
Voor	Sarah	MED-38	Tuesday, 1 - 4pm
Walter	Mary Nancy	GRD-32	Tuesday, 9am - Noon
Wana	Geremew	GPHD-15	Wednesday, 1 - 4pm
Wang	Donna	D-61	Wednesday, 1 - 4pm
Wang	Ting	PRF-15	Wednesday, 9am - Noon
Wang	Xiaoqing	PRF-16	Wednesday, 9am - Noon
Wanner	Addie	MED-DT-74	Tuesday, 1 - 4pm
Ware	Wyatt	MED-39	Tuesday, 1 - 4pm
Warr	Jacob	D-62	Wednesday, 1 - 4pm
Weisshaupt	Vanessa	D-63	Wednesday, 1 - 4pm
Wells	Abbey	D-64	Wednesday, 1 - 4pm
Wells	Rieser	D-65	Wednesday, 1 - 4pm
Williams	Jared	D-66	Wednesday, 1 - 4pm
Wilson	Chris	CR-17	Tuesday, 1 - 4pm
Windhorst	Andrew	MED-DT-75	Tuesday, 1 - 4pm
Wolfe	Marjorie	D-67	Wednesday, 1 - 4pm
Wyatt	Cole	CR-18	Tuesday, 1 - 4pm
Yeargin	F. Andrea	MED-DT-76	Tuesday, 1 - 4pm
Yerramreddy	Sukruthi	MED-DT-77	Tuesday, 1 - 4pm
Yeung	Jeffrey	MED-DT-78	Tuesday, 1 - 4pm
Ye	Young	D-68	Wednesday, 1 - 4pm
Young	Savannah	D-69	Wednesday, 1 - 4pm
Yuen	Justin	D-70	Wednesday, 1 - 4pm
Zavos	Theodora	CR-19	Tuesday, 1 - 4pm
Zhang	Aaron	MED-DT-79	Tuesday, 1 - 4pm
Zhang	Wenxuan	PRF-17	Wednesday, 9am - Noon
Zirnheld	Jolene	F-LIAM-5	Thursday, 9am - Noon
Zou	Yi	PRF-18	Wednesday, 9am - Noon

RESEARCH!LOUISVILLE NOTES

Hand-drawn diagram of a hexagonal lattice structure on lined paper. The structure consists of several interconnected hexagons, some of which are shaded gray. The diagram is composed of the following elements:

- A cluster of three hexagons in the top left, with the top-right one shaded.
- A single hexagon in the top right.
- A vertical column of two hexagons in the center, both shaded.
- A single hexagon in the middle left.
- A single hexagon in the middle right.
- A single hexagon in the bottom left.
- A pair of adjacent hexagons in the bottom right, both shaded.



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