



PRESTON M. HICKEY

MEDICAL STUDENT SYMPOSIUM

AUGUST 7, 2026 | DETROIT, MI

Hosted by
Wayne State University School of Medicine
Interventional Radiology Interest Group

*A night dedicated to showcasing medical
student research and interest in the fields of
Interventional and Diagnostic Radiology*



SCHOOL OF MEDICINE
WAYNE STATE UNIVERSITY

AGENDA

- 1:45 p.m. **Poster presentations arrive**
Location: Scott Hall Cafeteria
- 2:00 p.m. **Poster presenters and Hands-on IR device simulations**
- 3:30 p.m. **Keynote speaker, Dr. Kyle Wilson**
Location: Margherio Family Conference Center
- 4:15 p.m. **Q&A panel with radiologists, dinner**
- 4:40 p.m. **Oral presentations**
- 5:30 p.m. **Awards and closing remarks, networking**

ORAL PRESENTATIONS

- **Ashley Schehr**, M2, Wayne State University School of Medicine
Automated CT-Based Cobb Angle Measurement for Scoliosis Evaluation: A Computational Imaging Pipeline Across 1,156 Cases
- **Malik Jawad**, M3, Oakland University William Beaumont
Ultrasound-Guided Platelet-Rich Plasma Injections for Musculoskeletal Injuries: Current Evidence, Imaging Techniques, and Clinical Outcomes
- **Razanne Zaghoul**, M2, Wayne State University School of Medicine
Automated Measurement of Lumbar Intervertebral Disc Heights from CT Segmentation Masks: A Preliminary Validation Study
- **Neel Lachhwani**, M3, Wayne State University School of Medicine
Portal Vein and Superior Mesenteric Vein Stenting for Symptomatic Portal Hypertension in Advanced Pancreatic Adenocarcinoma: A Three-Patient Case Series
- **Pouria Vadipour**, M4, Western University
CT Radiomics for PD-L1 Expression Prediction in Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis

SYMPOSIUM OBJECTIVES

- **Encourage active participation**
through interactive sessions, such as panel discussions, case-based learning, and hands-on workshops. By fostering an environment of curiosity and collaboration, attendees will have the opportunity to ask questions, share ideas, and deepen their understanding of radiology ■
- **Facilitate meaningful connections**
between medical students, residents, and faculty by providing networking opportunities, mentorship programs, and collaborative research forums. These interactions aim to inspire multidisciplinary teamwork and foster the development of innovative solutions in the field of radiology ■
- **Motivate students**
to connect with faculty, pursue research opportunities, and participate in shadowing experiences. Highlight the field's diverse career pathways and its vital role in patient care and innovation to inspire interest and involvement in radiology ■



Group photo from Preston M. Hickey 2025 conference

I PRESTON M. HICKEY HISTORY

Dr. Preston M. Hickey, born and raised in Detroit, was a graduate of the Detroit College of Medicine (now Wayne State University) and a trailblazer in American radiology. A gifted educator and innovator, he brought one of Michigan's first X-ray machines into practice, helped establish the American Roentgen Ray Society and American College of Radiology, and advanced standards in imaging, education, and safety. He later chaired the Department of Radiology at the University of Michigan and remained a beloved teacher until his passing.



Preston M. Hickey, M.D.

The Preston M. Hickey Medical Student Symposium honors his legacy by bringing together students, residents, and faculty across Michigan to promote mentorship, innovation, and inclusion in radiology. Our mission is to foster education, equity, and engagement through connection, collaboration, and shared learning. ■

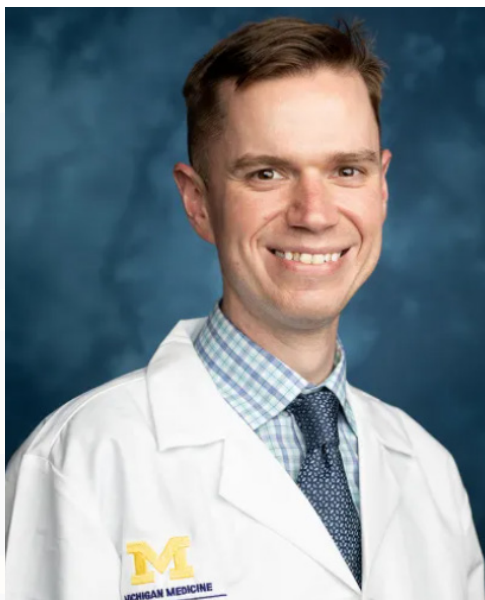
Citation:

Michigan Radiological Society. (n.d.). Centennial celebration: Preston M. Hickey, M.D. Retrieved July 24, 2025, from <https://michigan-rad.org/centennial-celebration-2/>

I KEYNOTE SPEAKER

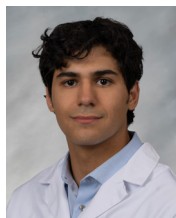
Kyle Wilson, MD, PhD, earned his medical and graduate degrees from the University of Maryland School of Medicine. He studied the immune response to solid tumors, which lead him to the integrated interventional radiology residency at Michigan Medicine. Upon completion of his residency, he stayed at Michigan Medicine for a breast imaging fellowship. He began on the faculty in 2024 and now leads the breast cancer cryoablation program and is associate program director of the very integrated IR residency program from which he graduated.

Kyle is flattered to have been invited to share his experience at the Preston M Hickey Radiology Symposium and looks forward to discussing the future of our field with all of you ■



Kyle Wilson, M.D., PhD

I SYMPOSIUM TEAM



Hasan Sawan

M4, Wayne State University School of Medicine
Director



Ahmed Alzubaidi

M3, Wayne State University School of Medicine
Co-Director



Ahmed Marabeh

M2, Wayne State University School of Medicine
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Mohamed Ramadan

M2, Wayne State University School of Medicine
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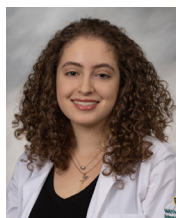
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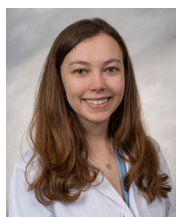
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Whitney Bower

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Outreach Officer

I STUDENT PRESENTERS

Murray Meri, M3, Wayne State University School of Medicine
IR-GI Rendezvous Technique for Internal Biliary Drainage After Failed ERCP in the Setting of an Ampullary Mass

Ye Ming Cui, M4, Wayne State University School of Medicine
Pancreatic Involvement by Primary Mediastinal Large B-Cell Lymphoma Mimicking Obstructive Jaundice and Pancreatitis: A Diagnostic Challenge and the Role of Multimodal Imaging

Malik Jawad, M3, Oakland University William Beaumont
Tele-radiology in Orthopedic Diagnosis: Expanding Access to Musculoskeletal Imaging and Specialist Care in Resource-Limited Settings

Ashley Schehr, M2, Wayne State University School of Medicine
Automated CT-Based Cobb Angle Measurement for Scoliosis Evaluation: A Computational Imaging Pipeline Across 1,156 Cases

Hassan Saad, M2, Wayne State University School of Medicine
Automated TRALL Angle Computation from CT Segmentation: A Scalable Pipeline for Lumbar Lordosis Quantification

Nataliah Jwaida, M3, Wayne State University School of Medicine
A Large-Scale Morphologically Labeled Dataset and Dataset Validation Framework for 2D Interventional Abdominal Angiography

Elliott Gappy, M3, Oakland University William Beaumont
Detectable AI-Generated Text In The Journal Of Interventional Radiology: A Comparison of 2015 and 2025

Elliott Gappy, M3, Oakland University William Beaumont
Decade of Change: Artificial Intelligence and Robotics in Interventional Radiology Literature – A Bibliometric Analysis

Shannon McCarty, M2, Oakland University William Beaumont
Approaches to Treating Type II Endoleaks

Hassan M. Bazzi, M1, Wayne State University School of Medicine
Emergency Department Point-of-Care Ultrasound for Suspected Tendon Ruptures: Use and Implementation

Hassan Bazzi, M1, Wayne State University School of Medicine
Point-of-Care Ultrasound for Rapid Diagnosis, Reduction Confirmation, and Analgesia Guidance in Shoulder and Hip Dislocations

Hassan M. Bazzi, M1, Wayne State University School of Medicine
High-Resolution Ultrasound and Magnetic Resonance Neurography for Traumatic Peripheral Nerve Injury in the Emergency Department

Elizabeth Theirl, M3, Oakland University William Beaumont
Idiopathic Multifocal Right Bronchial Artery Aneurysms Treated with Selective Coil Embolization: A Case Report

Malik Jawad, M3, Oakland University William Beaumont
Ultrasound-Guided Platelet-Rich Plasma Injections for Musculoskeletal Injuries: Current Evidence, Imaging Techniques, and Clinical Outcomes

Nandini Koneru, M2, Oakland University William Beaumont
Treatment of Unresectable Liver Tumors via Transarterial Y-90 Radioembolization: A Case Report

Tyler Hershenhouse, M3, Oakland University William Beaumont
Transvenous Biopsy of Hepatic and Perihepatic Lesions Difficult to Access by Percutaneous Needle Biopsy: Limited Initial Clinical Experience

Jerick Kim, M2, Wayne State University School of Medicine
Straightening Out the Curve: Automated Analysis of Lordosis Distribution Index Measurement Using CT Segmentation Masks

Marley Sternberg, M4, Wayne State University School of Medicine
Augmented Detection, Clinical Decisions: Review of the AI Incidentaloma

Aren Shah, M2, Oakland University William Beaumont
Congenital Anterior Tracheal Diverticulum with Cartilaginous Wall Calcifications: A Rare Incidental CT Finding

Annie Hillenberg, M4, Wayne State University School of Medicine
Fatal Refractory Primary Central Nervous System Vasculitis with Recurrent Ischemic Strokes Despite Immunosuppression: Case Report

Nina Brahmabhatt, M4, Wayne State University School of Medicine
Targeted Plug: Breast Embolization Without Collateral Damage

Bassem Chamma, M4, Wayne State University School of Medicine
Association of pre-operative imaging modality with outcomes after head and neck microvascular reconstruction

Dane Hubers, M2, Wayne State University School of Medicine
CT-Based Automated Morphometric Analysis of the Lumbar Spinal Canal: Normative Torg Ratio and Canal Diameter Values Across L1-L5

Shreya Chadalavada, M3, MSUCOM

Diagnosis of a Rare Gangliocytic Paraganglioma Characterized Using PET Cu64-Dotatate

Daniella Ghafari, M1, Oakland University William Beaumont

Thoracic Plombage: A Historical Treatment of Tuberculosis

Razanne Zaghloul, M2, Wayne State University School of Medicine

Automated Measurement of Lumbar Intervertebral Disc Heights from CT Segmentation Masks: A Preliminary Validation Study

Kenzie Lewis, M2, Oakland University William Beaumont

Cement Pulmonary Embolization Following Lumbar Kyphoplasty in a Patient with Metastatic Breast Cancer: A Case Study

Fatima Rizvi, M4, Wayne State University School of Medicine

The Fungus Among Us: A Rare Case of Bladder Mycetoma

Whitney Bowyer, M4, Wayne State University School of Medicine

Reducing No-Shows for Breast and Lung Cancer Screening Through Scheduling and Imaging Resource Coordination: A Quality Improvement Initiative

Whitney Bowyer, M4, Wayne State University School of Medicine

Atypical Multifocal Biliary Filling Defects and Irregular Biliary Tree Contour in a Critically Ill Patient with Chronic Polymicrobial Biliary Infection: A Case Report

Namrata Vedagarbha, M3, Wayne State University School of Medicine

Opportunistic Screening For Vertebral Degeneration Using Automated Analysis Of Vertebral Hounsfield Units

Sephora Dafinescu, M2, Wayne State University School of Medicine

Prenatal Diagnosis of Bilobed Placenta with Interlobar Fetal Vessels Traversing a Uterine Synechia: Case Report and Literature Review

Jeff Dudley, M4, UMICH

How Absorbed Dose Is Estimated in Radiopharmaceutical Therapy and Why Response Remains Hard to Predict

Neel Lachhwani, M3, Wayne State University School of Medicine

Portal Vein and Superior Mesenteric Vein Stenting for Symptomatic Portal Hypertension in Advanced Pancreatic Adenocarcinoma: A Three-Patient Case Series

Kate Jongnarangsin, M3, Wayne State University School of Medicine

Masqueraders of Malignancy: Recognizing Breast Cancer Mimics in Imaging

Alexis Kralovich, M4, Wayne State University School of Medicine
Occult Hepatic Kaposi Sarcoma in Advanced HIV: The Diagnostic Value of Cross-Sectional Imaging

Alexis Kralovich, M4, Wayne State University School of Medicine
Leak No More: Ureteric Embolization, Engineering the Perfect Seal

Ahmad Saleh, Under graduate, Wayne State University
Hidden Injury After Musculoskeletal Trauma: Persistent Pain Despite Normal Conventional MRI

Pouria Vadipour, M4, Western University
CT Radiomics for PD-L1 Expression Prediction in Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis

Jason Fahmy, M2, Wayne State University School of Medicine
Automated Quantification of Lumbar Spondylolisthesis Using CT-Derived Vertebral Landmarks

Ryan M. Smith, M2, Wayne State University School of Medicine
More Than A Diagnostic: Convergent Theranostic Applications of PET, Ultrasound, and MRI Across Oncology and Neurovascular Disease

Neel Patel, M3, Oakland University William Beaumont
New-Onset Seizure in a 12-Year-Old Male: The Diagnostic Intersection of an Intracranial Dermoid Cyst and Ivermectin Exposure

Clara Melhem, M4, Wayne State University School of Medicine
Salter-Harris Type II Fracture Complicated by Posterolateral Periosteal Entrapment.

Mukhlis Alabdrazzak, M4, Wayne State University School of Medicine
Reducing Non-Indicated Head CT Imaging in Adult Emergency Department Patients with Mild Traumatic Brain Injury: Implementation of the Canadian CT Head Rule – A Quality Improvement Initiative

Alec Landau, M4, Wayne State University School of Medicine
"Predicting Bone Density and Fragility from Extremity Radiographs Using Artificial Intelligence"

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The Preston M. Hickey Research Symposium is a statewide event celebrating student-led research in Diagnostic and Interventional Radiology.

Open to all medical students, residents, and faculty across Michigan, the symposium offers opportunities to engage with peers, explore advancements in radiology, and network with leaders in the field.



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