

Awards Memo

TO: University of Maryland School of Medicine
FROM: Gregory B. Carey, PhD, Associate Professor of Microbiology and Immunology
Assistant Dean for Student Research and Education
Executive Director of Student Research and Community Outreach

Kathryn S. Robinett, MD, Associate Professor of Medicine
Interim Associate Dean for Student Research and Education
Associate Program Director for the Pulmonary and Critical Care Medicine Fellowship

Fiama Romero, MS, Program Manager

Fatimah Dixon, MPH, Program Coordinator

Davies Gage, MSIV
Radhika Gholap, MSIV
Alpha Omega Alpha Medical Honor Society, University of Maryland School of
Medicine
MSRD Co-Chairs and Event Coordinators

DATE: November 22, 2024

RE: **47th Annual Medical Student Research Day, 2024 Student Award and Faculty Mentor Recognition Award Recipients**

On behalf of the Office of Student Research and the Alpha Omega Alpha (AOA) Honor Society, we would like to congratulate all the **Student Award** and **Faculty Mentor Recognition Award** recipients for the 47th Annual Medical Student Research Day (MSRD), held on November 19th and 20th, 2024. MSRD, a proud tradition at the University of Maryland, is an opportunity for medical students to present their research accomplishments to the school community. This year, a record-breaking **144 oral and poster presentations** were given across 18 presentation sessions. Of the medical students who participated in MSRD, 24 received awards in their respective presentation sessions. Additionally, of the faculty mentors who had students presenting in MSRD, 9 received Faculty Mentor Recognition Awards for the transformational and productivity impact they have had on their students.

Below are the names of Student Award recipients, their mentors, and the titles of their presentations. The names of Faculty Mentor Recognition Award recipients and the students who nominated them are also listed below.

We extend our sincerest thanks and appreciation to all the judges, mentors, participants, and attendees.

47th Annual Medical Student Research Day
2024 Student Presentation Award Recipients
(By Presentation Session)

Oral Presentation Session 1 – First Place

Presenter: Devina Chatterjee, MS III (O1.01)

Mentor: Dr. Bharath Venkatesh

Title: Automated Aortic Calcification Scoring in CT Angiography: Comparing AI and Manual Methods

Oral Presentation Session 2 – First Place

Presenter: Apanjit Sahi, MS II (O2.05)

Mentor: Dr. Michael Grant

Title: Efficacy of Antibiotic Prophylaxis in Preventing Infections Following Frontal Sinus Fracture Management: A Retrospective Analysis

Oral Presentation Session 3 – First Place

Presenter: Alayna Kinkead, MS II (O3.06)

Mentor: Dr. Elizabeth Guardiani

Title: Restylane Vocal Fold Augmentation: Assessing Safety and Duration of Efficacy

Oral Presentation Session 4 – First Place

Presenter: Cailin Cruess, MS II (O4.03)

Mentor: Dr. Charles Edwards

Title: Do superficial drains make a difference after lumbar fusion surgery? A prospective, randomized trial

Oral Presentation Session 5 – First Place

Presenter: Sara Chang, MS II (O5.02)

Mentor: Dr. Sarah Sunshine

Title: Evaluating the Tear Protein and Cytokine Profile of Ocular Graft versus Host Disease

Oral Presentation Session 6 – First Place

Presenter: Christopher Bragança, MS II (O6.06)

Mentor: Dr. Marc Simard

Title: Investigating NCXI Inhibition as a Therapeutic Strategy for Spinal Cord Injury

Oral Presentation Session 7 – First Place

Presenter: Anahita Shiva, MS III (O7.04)

Mentor: Dr. Khanjan Nagarsheth

Title: Coronary Artery Disease as a Predictor of Reduced Independent Ambulation after Major Lower Extremity Amputation

Oral Presentation Session 8 – First Place

Presenter: Harrison Mayo, MS III (O8.05)

Mentor: Dr. Nicholas Carbonetti

Title: The Effects of Type I and III Interferons on the Expression of Bradykinin as a Marker of Disease Severity in the Mouse Model of *B. pertussis* Infection

Oral Presentation Session 9 – First Place

Presenter: Anum Zehra, MS II (O9.02)

Mentor: Dr. Kashif Munir

Title: Point-of-Care A1c Screening in the Emergency Department

Oral Presentation Session 10 – First Place

(tied)

Presenter: Minahil Cheema, MS II (O10.03)

Mentor: Dr. Zishan Siddiqui

Title: Self-administered versus Clinician-performed BinaxNOW COVID Rapid Test: A Comparison of Accuracy

Presenter: Ananda Thomas, MS II (O10.05)

Mentor: Dr. Steve Frank

Title: Management Strategies and Clinical Outcomes of Obstetric Patients who Decline Allogeneic Blood Transfusion

Oral Presentation Session 11 – First Place

Presenter: Sarah Abdellah, MS II (O11.04)

Mentor: Dr. Ausaf Bari

Title: Deep Brain Stimulation in a Patient with Intractable Tourette's Syndrome After Initial DBS Failure - A Case Report

Oral Presentation Session 12 – First Place

Presenter: Sourabh Vellala, MS II (O12.05)

Mentor: Dr. Sean Meredith

Title: Outcomes and Complications of Strauch vs Intrafocal Technique for Phalangeal Neck Fractures in Pediatric Patients

Oral Presentation Session 13 – First Place

Presenter: Daniel Fong, MS II (O13.05)

Mentor: Dr. Amal Isaiah

Title: Attentional Performance in Children with Sleep Disordered Breathing

Oral Presentation Session 14 – First Place

Presenter: Haoran Li, MS II (O14.05)

Mentor: Dr. Curt Civin

Title: The Role of the Unfolded Protein Response in the Antileukemic Mechanism of Artemisinin

Poster Presentation Session 1 – First Place

Presenter: Ria Jha, MS II (P1.15)

Mentor: Dr. Siddartha Dante

Title: Identifying Key Risk Factors for Intubation in Pediatric Patients with Lower Respiratory Tract Infections: A Comprehensive Analysis of Clinical and Demographic Influences in the PICU

Poster Presentation Session 1 – Second Place

Presenter: Michael Lin, MS II (P1.01)

Mentor: Dr. Janet Alexander

Title: Blood Flow of Pediatric Patients with Cataract and Amblyopia

Poster Presentation Session 2 – First Place

Presenter: Kevin Xu, MS II (P2.07)

Mentor: Dr. Minhaj Siddiqui

Title: Analysis of the Increased Incidence of Aggressive Prostate Cancer after Prior Testicular Cancer

Poster Presentation Session 2 – Second Place

Presenter: Isabelle Lim, MS III (P2.03)

Mentor: Dr. Anirban Banerjee

Title: The Unique Tolerogenic Role of CD8+ T Cells and Pro-Inflammatory Cytokines in Lung Cancer

Poster Presentation Session 3 – First Place

Presenter: Benjamin Brandeis, MS II (P3.08)

Mentor: Dr. Gunjan Parikh

Title: AI-powered Connectomic Analysis Platform Facilitates Rapid Assessment of Residual Consciousness in the Intensive Care Unit

Poster Presentation Session 3 – Second Place

Presenter: Blayne Schenk, MS II (P3.14)

Mentor: Dr. Kara Margolis

Title: The Function of Epithelial 5HT4 receptors in Gastrointestinal Motility

Poster Presentation Session 4 – First Place

Presenter: Olivia Cong, MS II (P4.06)

Mentor: Dr. Linda Chang

Title: Hemoglobin A1c Before and After COVID-19 in Adolescents

Poster Presentation Session 4 – Second Place

Presenter: Hannah Ashe, MS II (P4.08)

Mentor: Dr. Jennie Law

Title: Guideline-Concordant Care for Older HIV Patients with DLBCL, NSCLC, and Liver Cancers

47th Annual Medical Student Research Day

2024 Faculty Mentor Recognition Award Recipients

Dr. Atiye Aktay
Recognized for: Transformational &
Productivity Impact
Nominated by: Catherine Zuzarte, MSII &
Abel Odolil, MSII

Dr. Janet Alexander
Recognized for: Transformational Impact
Nominated by: Erica Lee, MSII

Dr. Kyle Fischer
Recognized for: Transformational Impact
Nominated by: Ai Alexa Tarui, MSIII

Dr. Bashar Hassan
Recognized for: Transformational Impact
Nominated by: Grishma Patel, MSIII,
Apanjit Sahi, MSII &
Jeison De Guzman, MSII

Dr. Kyle Hatten
Recognized for: Productivity Impact
Nominated by: Vera Bzhilyanskaya, MSII

Dr. Julio Jauregui
Recognized for: Transformational Impact
Nominated by: Bibhas Amatya, MSII

Dr. Steven Kittner
Recognized for: Productivity Impact
Nominated by: Hope Morath, MSII

Dr. Stephen Seliger
Recognized for: Transformational Impact
Nominated by: David Regenold, MSII

Dr. Sarah Sunshine
Recognized for: Transformational Impact
Nominated by: Sara Chang, MSII,
Desai Oula, MSII,
Reshmi Talwar, MSII, &
Fernando Martinez Guasch,
MSIV