Awards Memo

TO: University of Maryland School of Medicine

FROM: Gregory B. Carey, Ph.D., Associate Professor of Microbiology and Immunology
Assistant Dean for Student Research and Education
Executive Director of Student Research and Community Outreach

Miriam K. Laufer, M.D., M.P.H., Professor of Pediatrics
Associate Dean for Student Research and Education
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Qi Cao, J.D., Research Coordinator

Fiama Romero, Program Management Specialist

Kristen Brao, MSIV
Justin Kung, MSIV
Ryan Thompson, MSIV
Alpha Omega Alpha Medical Honor Society, University of Maryland School of Medicine
MSRD Event Coordinators

DATE: December 10, 2021

RE: 44th Annual Medical Student Research Day, 2021 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 44th Annual Medical Student Research Day (MSRD), held virtually on November 15-16, 2021. 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, 61 presentations were given across 10 presentation sessions. Of the medical students who participated in MSRD, 12 received First Place Awards in their respective presentation sessions. Additionally, of the faculty mentors who had students presenting in MSRD, 9 received Faculty Mentor Recognition Awards for their transformational and productivity impact on their students.

Below are the names of Student Award recipients, their mentors and co-investigators, and the titles of their presentations. Below are also the names of Faculty Mentor Recognition Award recipients and the students who nominated them.

We extend our sincerest thanks and appreciation to all the judges, mentors, participants, and attendees.
44th Annual Medical Student Research Day
2021 Student Presentation Award Recipients
(By Presentation Session)

Oral Presentation Session I
First Place: Luke Pitsenbarger, MSII (O.05)

Oral Presentation Session II
First Place: Katherine Raja, MSII (O.12)

Oral Presentation Session III
First Place: Lisa Roskes, MSIV (O.17)

Oral Presentation Session IV (tied)
First Place: Danielle Sim, MSII (O.21)
First Place: Zachariah Lee, MSII (O.24)

Oral Presentation Session V
First Place: Sarah Byun, MSII (O.27)

Oral Presentation Session VI
First Place: Matthew Chrencik, MSIII (O.34)

Oral Presentation Session VII
First Place: Seyedeh Zahra Mousavi, MSII (O.40)

Oral Presentation Session VIII (co-presenters)
First Place: Chaoyang Wang, MSIII & Isha Darbari, MSIII (O.47)

Poster Presentation Session I
First Place: Sun Gyeong Choi, MSII (P.05)

Poster Presentation Session II
First Place: Hannah Palmer, MSII (P.12)

Presentation Abstract Titles
(Alphabetical by Award Recipient Last Name)

LENS THICKNESS IN CONGENITAL AND CHILDHOOD CATARACTS: A CASE CONTROL STUDY. Sarah Byun*, Alexandra Dolgetta1, Moran Levin2, and Janet Alexander2, 2Division of Pediatrics, Department of Ophthalmology and Visual Sciences, 1University of Maryland School of Medicine, Baltimore, MD

DIAGNOSTIC VALUE OF MUSCLE BIOPSY IN CONJUNCTION WITH NERVE BIOPSY IN EVALUATION OF CLINICAL PRESENTATIONS OF PERIPHERAL NEUROPATHY. Sun Gyeong Choi* and Cheng-Ying Ho, Department of Pathology, University of Maryland School of Medicine, Baltimore, MD.

CONTRAST-ENHANCED DOPPLER VASCULAR PERFUSION ASSESSMENT OF EXERCISE INDUCED MICROVASCULAR PERFUSION DEFICITS IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE. Matthew Chrencik*, Steven J. Prior1, Eric Christensen1, Rishi Kundi2, and Brajesh K. Lal2, 1Division of Gerontology and Geriatric Medicine, Department of Medicine and 2Division of Vascular Surgery, Department of Surgery, University of Maryland School of Medicine, Baltimore, MD.

DIFFERENTIAL DENDRITIC CELL RECRUITMENT INDUCED BY THE GUT MICROBIOTA IN CARDIAC TRANSPLANTATION. Zachariah L. Lee*, Jegan Iyyathurai1, Ram Lakhan1, Samuel J. Gavzy2, Vikas Saxena1, and Jonathan S. Bromberg3, 3Division of Transplantation, 2Department of Surgery, 1University of Maryland School of Medicine, Baltimore, MD.
DEFINING COMPLETELY BETTER STATUS THROUGH PATIENT-REPORTED OUTCOMES AFTER ROTATOR CUFF REPAIR. Seyyedeh Zahra Mousavi* and Samir Kaveeshwar, Department of Orthopaedics, University of Maryland School of Medicine, Baltimore, MD.

COMPARISON OF GROUP PRENATAL CARE VERSUS STANDARD INDIVIDUAL PRENATAL CARE FOR PATIENTS WITH DIABETES IN PREGNANCY. Hannah Palmer*, and Sarah Crimmins, Division of Maternal Fetal Medicine, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Maryland School of Medicine, Baltimore, MD.

PROMIS DEPRESSION AND ANXIETY PREDICT WORSE POSTOPERATIVE FUNCTION IN ORTHOPAEDIC HAND AND WRIST SURGERY PATIENTS. Luke Pitsenbarger*, Samir Kaveeshwar1, Jason Lynch1, Ngozi M. Akabudike2, Raymond A. Pensy3, and R. Frank Henn III4, 2Division of Hand Surgery, 3Division of Trauma, and 4Division of Sports Medicine, 1Department of Orthopaedics, University of Maryland School of Medicine, Baltimore, MD.

ASSOCIATION OF PROPHYLACTIC PLATELET TRANSFUSION AND SEVERE INTRAVENTRICULAR HEMORRHAGE IN VERY LOW BIRTH WEIGHT INFANTS. Katherine Raja*, Brenda Hussey-Gardner1, Mathangi Gopalakrishnan2, and Sripriya Sundararajan1, 1Division of Neonatology, Department of Pediatrics, University of Maryland School of Medicine and 2Center for Translational Medicine, University of Maryland School of Pharmacy, Baltimore, MD.

ASSOCIATION OF ENTERAL FEEDING PATTERNS WITH INTESTINAL BARRIER FUNCTION IN PRETERM NEONATES. Lisa Roskes*, Bing Ma1, Rose Viscardi2, Alexandre Medina3, and Sripriya Sundararajan2, 1Department of Microbiology and Immunology and 2Division of Neonatology, 3Department of Pediatrics, University of Maryland School of Medicine, Baltimore, MD.

CCN2 KNOCKOUT DEMONSTRATES ENHANCED ACHILLES TENDON HEALING IN ADULT MICE. Danielle Sim*, Kathryn Grescovich1, Jocelyn Wu2, Natalie Leong1, and Jie Jiang1, 1Department of Orthopaedics, 2University of Maryland School of Medicine, Baltimore, MD.

EFFECT OF REMOTE MINDFULNESS-BASED ART WORKSHOPS (MBAW) ON STRESS, ANXIETY, AND DEPRESSION IN MEDICAL STUDENTS. Chaoyang Wang*, Isha Darbari*, Mazen Tolaymat1, Sandra Quezada1, John Allen2, and Raymond Cross1, 1Division of Gastroenterology and Hepatology, Department of Medicine, 2University of Maryland School of Medicine, Baltimore, MD.
44th Annual Medical Student Research Day
2021 Faculty Mentor Recognition Award Recipients

Dr. Janet Alexander
Recognized for: Transformational Impact
Nominated by: Dhruv Shah, MSII

Dr. Dan Gingold
Recognized for: Transformational Impact
Nominated by: Anna Apffel, MSII

Dr. Deanna L. Kelly
Recognized for: Transformational Impact
Nominated by: Emily Daniels, MSII

Dr. Alexander Ksendzovsky
Recognized for: Productivity Impact
Nominated by: Ujwal Boddeti, MSII

Dr. Sripriya Sundararajan
Recognized for: Transformational Impact
Nominated by: Lisa Roskes, MSIV & Katherine Raja, MSII

Dr. Natalie L. Davis
Recognized for: Transformational Impact
Nominated by: Sarah-Therese Curtis, MSII

Dr. Yinin Hu
Recognized for: Productivity Impact
Nominated by: Emily Ma, MSII

Dr. Charles C. Hong
Recognized for: Productivity Impact
Nominated by: Matthew Miyamoto, MSII

Dr. David Riedel
Recognized for: Transformational Impact
Nominated by: Asha Kodan, MSII