



PRELIMINARY PROCEEDINGS

**WRIGHT STATE UNIVERSITY
BOONSHOFT SCHOOL OF MEDICINE**

**SECOND ANNUAL
RESEARCH
SYMPOSIUM**

April 13, 2023

4:30 — 7:00 p.m.

**Student Union: Apollo and
Endeavor Rooms**



Program

4:00 p.m.

Poster Setup &
Registration

4:30 p.m.

Dr. Valerie Weber
Welcome

4:40 p.m.

Student Grant
Awardees

5:03 p.m.

Faculty
Research Talks

5:30 p.m.

Poster Session &
Refreshments

Featured Student Research Talks

Morgan Hendrixson, MS3 & Yev Gladkiy, M.S., MS2

Platelet – Activating Factor- Receptor Pathway Modulates Sorafenib – Mediated Effects on Lung Cancer Growth and Microvesicle Particles Release

Yev is an MD student conducting research on microvesicle particles at the Department of Pharmacology and Toxicology under his advisor Ravi. P Sahu, PhD. He attended The Ohio State University for undergraduate and graduate studies in biomedical engineering. Yev completed his M.S. thesis under Steven T. Sizemore, PhD, where he explored the mechanisms of extracellular vesicle (EV) biogenesis, as well as EV isolation with a microfluidic device for liquid biopsy in breast cancer. Yev is looking forward to serving as a physician-scientist in his future.

Morgann Hendrixson is a third-year MD student at Wright State University. Morgann is originally from Monroe, OH and attended Miami University for her undergraduate studies. During the summer between her first and second year of medical school she began conducting research with Dr. Ravi Sahu. She enjoys conducting research and plans to continue to do so in her medical career.

Roselle Almazan, MS3

A Structured Approach to Increasing Diversity, Equity, and Inclusion Aspects of Surgery

Roselle Bea P. Almazan is a third-year medical student at Boonshoft School of Medicine. She is from Dayton, Ohio, and earned her bachelor of science in Biological Sciences at Wright State University. She previously conducted molecular biology research using the yeast model to investigate the role of alpha-synuclein in Parkinson's disease. Her current interest in academic medicine has led to her research with Dr. Priti Parikh regarding diversity in general surgery residency.

Featured Student Research Talks

Adaku Ume, PhD, MD/PhD Student

Calcineurin inhibitors: A Double Edge Sword

Adaku Ume recently completed her Biomedical Sciences PhD degree at Wright State University Boonshoft School of Medicine in Dr. Clintoria Williams Kidney Pathophysiology Research Lab. She earned an MS in Pharmacology from Georgetown University and a BS in Cell and Developmental Biology from the University of California, Santa Barbara. Her PhD research focuses on molecular mechanism by which the immunosuppressive agents calcineurin inhibitors cause irreversible kidney damage. Adaku is interested in a career as a physician-scientist where her contributions help address gaps in knowledge that currently remain in clinical practice.

Featured Faculty Research Talks

**J. Ashot Kozak, Ph.D., Associate Professor,
Department of Neuroscience, Cell Biology and
Physiology**

The Function of TRPM7 Channel – Kinase in Immune Cells

Dr. J. Ashot Kozak obtained his PhD at the Mount Sinai School of Medicine and was a postdoctoral fellow at Howard Hughes Medical Institute and the University of California. His research focuses on the physiological roles of calcium, ion channels and kinases in immune cells and pancreatic beta cells. His group uses various approaches, including electrophysiology, transgenic mice and cell-based assays.

**Amanda M. Hinson – Enslin, Ph.D., M.P.H., CHES
Assistant Professor, Population & Public Health
Sciences**

The Process of Investigating COVID – 19 Vaccine Behaviors among Deaf American Sign Language Users

Dr. Hinson-Enslin is an assistant professor in the Department of Population and Public Health Sciences. Her research focuses on improving health outcomes of individuals with chronic conditions and/or disabilities. She is specifically interested in improving health outcomes among American Sign Language users by learning about their perceptions and influences of COVID-19 vaccine uptake, hesitancy, and refusal. This research will be used to improve pandemic response.

Poster Session & Reception

Student Union Apollo Room

5:30 —7:00 p.m.

On the following pages you will find information regarding the poster presentations for this evening's symposium. The poster number corresponds to the location of the poster. All departments are associated with Wright State University or the Boonshoft School of Medicine unless otherwise noted.

Poster: 1

Chris Dupont

Mechanisms contributing to muscle dysfunction in hyperkalemic periodic paralysis

Dupont C, Nawaz M, Voss AA, Rich MM

Mentor: Dr. Mark Rich, MD-PhD

Department: NCBP/BSOM/Neurology

Poster: 2

Widad El-Zein

Identifying and characterizing human genes that suppress the toxicity of ALS-associated MATR3

El-Zein W, Chumley A, Hayden E, Chen S, Zhong Q, Ju S

Mentor: Shulin Ju, Ph.D.

Department: Biological Sciences

Poster: 3

Weston Gelford

SK channel upregulation underlies MN hypoexcitability in aging

Abdulhalim I, Gelford WB, Gerber K, Ward S, Elbasiouny S

Mentor: Sherif Elbasiouny PhD, PE

Department: NCBP

Poster: 4

Yevgeniy Gladkiy and Morgann Hendrixson

Platelet-activating factor-receptor pathway modulates sorafenib-mediated effects on lung cancer growth and microvesicle particles release

Gladkiy Y., Hendrixson M., Thyagarajan A., Sahu R.

Mentor: Ravi P Sahu, Ph.D.

Department: Pharmacology & Toxicology

Poster: 5

Courtney Johnson-Gonzalez

Upregulation of placental hypoxia-inducible factor 1 (HIF-1a) in preeclampsia

Johnson-Gonzalez CB, Chandiramani C, Linkous B, Rackett T, Nolan K, Stone E, Maxwell R, Dhanraj D, Brown TL

Mentor: Thomas L Brown, PhD

Department: Neuroscience, Cell Biology, and Physiology and Department of Obstetrics and Gynecology

Poster: 6

Mark Ortenzio

Quality Evaluation of the Usefulness of an Emergency Department Fall Risk Assessment Tool Protocol

Ortenzio M., Brittain G., Frommeyer TC., Muwanga D., Parikh P., Stolfi A.

Mentor: Priti Parikh, PhD.

Department: Research Education and Professional Development in the Department of Surgery

Poster: 7

Katherine Trittschuh and Keisha Barnes (undergrad)

Analysis of synaptic fidelity in Huntington's disease mouse neuromuscular junctions

Trittschuh KT, Barnes KM, Burke SR.A, Singh A, and Voss AA.

Mentor: Andrew Voss, PhD

Department: Biological Sciences

Poster: 8

Alexander Winkle

Design and evaluation of a solution for mechanical stimulation of in-vitro culture

Winkle A, McClenney C, Hund TJ.

Mentor: Thomas Hund PhD

Department: Medicine/Biomedical Engineering, Ohio State University

Poster: 9

Garrett Brittain, Timothy Frommeyer, Michael Gilbert, Tongfan Wu

Cerebral Sinus Venous Thrombosis Following an mRNA COVID-19 Vaccination and Recent Oral Contraception Use

Frommeyer TC, Wu T, Gilbert MM, Brittain GV, Fuqua SP

Mentor: Steven Fuqua, DO

Department: Internal Medicine

Poster: 10

Shivani Dighamber

Comprehensive Medical Management in Psychiatric Patients: A Case Report

Dighamber S, Bhatt N, Gentile, J

Mentor: Nita Bhatt, MD

Department: Psychiatry

Poster: 11

Makenzie Dye

Crowe's Sign: A Classic Case of Axillary Freckling in a Patient With NF1

Dye M, Garcia-Whitko L., Garcia-Zuazaga J,

Mentor: Jorge Garcia-Zuazaga, MD

Department: Dermatology

Poster: 12

Karley Fischer

Common Misdiagnosis of HFpEF in Young Females Due to Under Diagnosis of Coronary Microvascular Dysfunction

Fischer K, Khattab O, Valencia D, Linares J, Sequeira R

Mentor: Damian Valencia, MD

Department: Cardiology

Poster: 13

Karley Fischer

Rapid Identification and Management of Cardiogenic Shock

Fischer K, Valencia D, Linares J, Schwartz B,

Mentor: Damian Valencia, MD

Department: Cardiology

Poster: 14

Elizabeth Fonte and Donald Hefelfinger

Rapidly Destructive Osteoarthritis of the Hip in the Setting of Multiple Intra-articular Steroid Injections: A Case Report

Fonte E, Hefelfinger D, Lyons J, Krishnamurthy A

Mentor: Joe Lyons, MD

Department: Orthopedics

Poster: 15

Donald Hefelfinger and Elizabeth Fonte

Musculoskeletal Coccidioidomycosis in the Setting of Adalimumab: A Case Report

Hefelfinger D, Fonte E, Nehzati A, Scott J

Mentor: Joshua Scott, DO

Department: Rheumatology

Poster: 16

Sabrina Kaul

Marked Reduction in Severe Resistant Hypertriglyceridemia on PCSK9 Inhibitor

Kaul S, Gupta A.

Mentor: Ankur Gupta, MD, FACE, ECNU

Department: Internal Medicine

Poster: 17

Sabrina Kaul

A Challenging Case of Medication-Nonadherent Hypothyroidism Requiring Frequent Primary Care Visits to Achieve Euthyroidism

Kaul S, Gupta A.

Mentor: Ankur Gupta, MD, FACE, ECNU

Department: Internal Medicine

Poster: 18

Annika Kisha, Samantha Shugar, Jason Miner, MD

Open Rib Fracture Management with Primary Reduction and Suture Fixation in an Elderly Male with Complex Chest Wall Anatomy

Kisha AF, Shugar SE, Miner JA

Mentor: Jason Miner, MD

Department: Surgery

Poster: 19

Deborah Lee

Aicardi - Goutieres Syndrome Secondary to ADAR Mutation Masquerading as Athetoid Cerebral Palsy

Chikkannaiah M, Lee D, Fonseca L, Goenka A, Kumar G

Mentor: Mahesh Chikkannaiah, MD

Department: Pediatric Neurology

Poster: 20

Roya Morakabian

Pediatric epilepsy associated with GAMT deficiency

Chikkannaiah M, Kumar G, Set K, Fonseca L, Morakabia R

Mentor: Mahesh Chikkannaiah, MD

Department: Neurology

Poster: 21

Halimat Olaoluwa

The Andes of Bladder Stones

Olaoluwa, HA, Hakim, J

Mentor: Jonathan Hakim, MD

Department: Urology

Poster: 22

Ankur Parekh

Acute encephalopathy with biphasic seizures and late reduced diffusion (AESD) secondary to norovirus infection

Parekh AM, Fonseca L, Agarwal R, Kumar G, Chikkannaiah M,

Mentor: Mahesh Chikkannaiah MD

Department: Pediatric Neurology

Poster: 23

Young Jun Park

A Case of Hairy Tongue from Clindamycin

Park Y, Elliott B.

Mentor: Brian Elliott, MD.

Department: Internal Medicine

Poster: 24

Samantha Roberts

Management of Renal Cell Carcinoma with Tumor Thrombus and Concurrent Intraoperative Tumor Embolization

Roberts SA, Gold H, Posid T, Dason S

Mentor: Shawn Dason MD

Department: Urology

Poster: 25

Andrea Shugar

Novel Use of Resuscitative Endovascular Balloon Occlusion of the Aorta for Massive Perineal Hemorrhage Secondary to Blast Injury

Shugar AL, Shugar SE, Wong YM

Mentor: Yee Wong, MD

Department: Surgery

Poster: 26

Sarah Yu

Pediatric stroke: A case of focal cerebral arteriopathy secondary to tuberculous meningitis in the United States

Chikkannaiah M, Yu SG, Goenka A, Kumar G

Mentor: Mahesh Chikkannaiah, MD

Department: Pediatric Neurology

Poster: 27

Tyler Langenfeld

Microsurgical Head and Neck Reconstruction with an Autologous Arteriovenous Loop: Multicenter Series of 36 Patients

Pak KY, Anderson SR, Langenfeld TL, Tan K, Slijepcevic A,

Wimalawansa S, Ducic Y, Wax MK, Kadakia SP

Mentor: Sameep Kadakia, MD FACS

Department: Plastic and Reconstructive Surgery

Poster: 28

Adrian Babel

No postoperative positioning in primary vitrectomy for rhegmatogenous retinal detachment: outcomes in 116 consecutive patients

Babel A, Xu K, Chin E, Almeida D

Mentor: David Almeida

Department: Erie Retinal Surgery

Poster: 29

Kiren Bashir and Carin Statt

Acute trauma: Seasonal and daily variations in injury patterns

Marco CA, Statt C, Bashir, K, Repas SJ

Mentor: Dr. Catherine Marco, MD

Department: Emergency Medicine

Poster: 30

Charles Botti and Michael Almany

Utilization of Kyphoplasty / Vertebroplasty For Pain Management Of Traumatic Vertebral Compression Fractures in Geriatric Patients

Herzing, K., Newman, E., Botti, C.J., Almany, M., Palmer, B, Siebenburgen, C.

Mentor: Karen Herzing, RN and Dr. Christa Siebenburgen, MD

Department: Trauma

Poster: 31

Maneesh Chidambaram

Addressing Stereotypes in Healthcare: Patient's Physician-Gender Biases in an Ambulatory Urology Clinic

Mohagheh M, Asif H, Blanco N, Riedinger E, Kleinguetl C, Arnold C, Michael W. Sourial, Dairon Denis-Diaz, Essa Gul, Hayat Mohammed, Maneesh Chidambaram, Tony Nessem, Tasha Posi

Mentor: Tasha Posid, MA, PhD

Department: Urology

Poster: 33

Andrew Correll

Comparing Midazolam to Alternatives for Management of Acute Agitation and Status Epilepticus in Austere Environments Such as Space

Correll A, Johnson, K, Close H, Correll T, Peirson R

Mentor: Terry Correll, D.O.

Department: Psychiatry

Poster: 35

Makenzie Dye and Vijay Rings

Incidence of 4% Articaine-Induced Neurological Abnormalities Associated With Dental Procedures

Dye M, Rings V, Wang A, Voiers S

Mentor: Alexander Wang, MD (Affiliation: University of Cincinnati)

Department: Anesthesiology

Poster: 37

Sana Shameem and Michael Harrington

Relationship between Obesity and IDD in an Ohio Telepsychiatry Clinic: A Retrospective Review

Gainer D, Nahhas R, Gentile J, McCormack J, Hatesohl M, Shameem S, Luft M, Harrington M

Mentor: Danielle Gainer, MD

Department: Psychiatry

Poster: 39

Sabrina Kaul

Monitoring TSH Over Time May Not Be Necessary in Patients with Thyroid Nodules

Kaul S, Gupta A.

Mentor: Ankur Gupta, MD, FACE, ECNU

Department: Internal Medicine

Poster: 32

Baria Choudry and John Pascoe

Is Restless Legs Syndrome More Common in Young Women Compared to Young Men?

Choudry B, Pascoe J

Mentor: John Pascoe, MD MPH

Department: Pediatrics

Poster: 34

Akshima Dhiman

Traumatic Brain Injury Biomarkers, Simulations and Kinetics

Hicks C, Dhiman A, Barrymore C, Goswami T

Mentor: Tarun Goswami, D. Sc.

Department: Biomed Industrial & Human Factors Engineering

Poster: 36

Oumou Fofana and Ashley Hughes

Standardization of Narcotic Prescriptions in General Surgery Procedures

Leon A, Robbins J, Hughes A, Fofana O, Crayton C, Shugar S, Walk C, DeGroat M, Woods R

Mentor: Justin Robbins, MD

Department: Surgery

Poster: 38

Joshua Jantzi

Examining Opioid Prescribing Differences Among Urban and Rural Clinicians Pre and Post PRESTO Training

Jantzi J, Hershberger P, Castle A, Crawford T, James A, Bricker D

Mentor: Paul Hershberger, PhD

Department: Family Medicine

Poster: 40

Benjamin Kleeman

Clinical and Resource Outcomes of Necrotizing Soft Tissue Infections Using a Skin Sparring Approach

Hess J, Johnson C, Kleeman B, Parikh P, Perry T

Mentor: Travis Perry, MD

Department: General Surgery

Poster: 41

Taylor Malchow

Application and Survival Outcomes of Landmark Prostate Specific Antigen Screening Trial Protocols in an Urban Healthcare System

Malchow T, Corsi N, Stephens A, Davis M, Rakic I, Arora S, Sood A, Cole A, Trinh QD, Rogers C, Abdollah F

Mentor: Dr. Firas Abdollah, MD

Department: Henry Ford, Urology

Poster: 42

Arjun Minhas

The Influence of Guidelines on Opioid Prescribing Practices After Pediatric Anterior Cruciate Ligament Reconstruction

Hudson T, Berkay F, Minhas A, Huff S, Henningsen J, Erb E, Froehle AW, Albert MC

Mentor: n/a

Department: Orthopaedic Surgery

Poster: 43

Hanna Peterson, Annika Kisha, and John Terry, MD

FLAIR Vascular Hyperintensity as a Marker of Incomplete Recanalization in Acute Ischemic Stroke Post-Thrombectomy

Peterson HJ, Kisha AF, Terry JB

Mentor: John Terry, MD

Department: Neurology

Poster: 44

Brian Schutter, Ann Smith, DPT, Mike Albert, MD

Analysis and outcomes of graft selection in pediatric and adolescent patients after ACL repair

Schutter, B. Weimar, D, Szeltner, D, Smith, A, Albert, M

Mentor: Smith, Ann DPT; Albert, Mike MD

Department: Orthopedic Surgery at Dayton Children's

Poster: 45

Raghav Talreja and Laura D. Fonseca,

Intracranial arachnoid cyst in children who underwent surgical treatment: Natural history and clinical presentation

Talreja R, Fonseca LD, Chikkannaiah M, Goenka A, Kumar G

Mentor: Gogi Kumar, MD

Department: Pediatrics

Poster: 46

Kevin Wu

Examining Trends in Implantable Doppler Usage Amongst North American Microsurgeons: A Survey Study

Langenfeld TL, Wu KG, Anderson SR, Reece MKJ, Puscas L, Wax MK, Johnson RM, Kadakia SP

Mentor: Sameep Kadakia, MD

Department: Surgery, Orthopaedic & Plastic Surgery

Poster: 47

Elise Yoshinaga

Exploring Differences in Opioid Prescribing Practices Based on Years of Experience, Pre- and Post-PRESTO Training

Yoshinaga EE, Bricker DA, Crawford TN, Castle A, Hershberger PJ

Mentor: Paul Hershberger, PhD

Department: Family Medicine

Poster: 48

Roselle Bea Almazan

A Structured Approach to Increasing Diversity, Equity, and Inclusion Aspects of Surgery Residency Applicants

Almazan RP, Gerardo R, Walk CT, Parikh P

Mentor: Priti Parikh, Ph.D.

Department: Surgery

Poster: 49

Maria Anderson

Motivational Interviewing with No Motivation: An Analysis of Internal Medicine Resident Motivational Interviewing Skills

Anderson M, Hershberger P, Crawford T, Bricker D, Castle A

Mentor: Paul Hershberger, PhD

Department: Family Medicine

Poster: 50

Lyndsay Boyd

Creation of an Application to Increase Surgical Resident Operative Case Coverage

Robbins J, Boyd L, Gilbert M, Rieken H, Shugar S, Rhodes Z, Tuttle R, Woods R

Mentor: Justin Robbins, MD

Department: General Surgery

Poster: 51

Carson Clark, Isabella Benintendi, Alexis Westrick
Impact of Incoming MCAT and Self-Assessed Medical School Confidence on End-of-Module Exams

Clark, CB, Benintendi, IG, Westrick, AR, Silva, AMS, Stolfi, A.
Mentor: Adrienne Stolfi, PhD
Department: Medical Education

Poster: 53

Betsy Gauthier
Evidence-Based Medicine in the Ob-Gyn Clerkship: A Novel Student Project

Gauthier B, Saeed Z, Mathess J, Kindig M, Maxwell, R
Mentor: Marilyn Kindig, D.O., Rose Maxwell, Ph.D., MBA
Department: Obstetrics and Gynecology

Poster: 55

Hayden Jaworski and Winston Owens
USMLE Step 1 Transition to Pass/Fail: Perception of Medical students and Residency Program Faculty

Jaworski H, Owens W, Parikh, P
Mentor: Priti P. Parikh, Ph.D.
Department: Surgery

Poster: 57

Ariel Lanier, Daniel Perry, Julie Slyby, Allie Peebles, Marilyn Kindig, DO.
Using Interactive Modules to Improve OB/GYN Clerkship

Lanier, A, Perry, D, Slyby, J, Peebles, A, Kindig, M
Mentor: Marilyn Kindig, DO
Department: Obstetrics and Gynecology

Poster: 59

Jeannette Manger, PhD
Study habits in first-year medical students.
Manger, JM, Benedik, L, Johnson, S, Journell, L, Reser, R
Mentor: n/a
Department: Medical Education

Poster: 52

TC Frommeyer, Michael Gilbert, Garrett Brittain
A Cohort-Control Study Assessing the Impact of Anki as a Spaced-Repetition Tool on Academic Performance in Medical School

Frommeyer TC, Gilbert MM, Brittain GV, Stewart NA, Turner TM, Stolfi A, Parmelee DX
Mentor: Dean Parmelee, MD
Department: Medical Education

Poster: 54

Nickolas Stewart, Donald Hefelfinger, Garrett Brittain, Timothy Frommeyer
The Increasing Trend in the Number of Publications and Research Projects Among Orthopedic Residency Applicants: A Retrospective Analysis

Stewart N, Hefelfinger D, Brittain G, Frommeyer T, Stolfi A, Krishnamurthy A
Mentor: Anil Krishnamurthy, MD
Department: Orthopedic Surgery

Poster: 56

John Kearfott
Motivational Interview Skills Training in Medical Students and Residents

Kearfott J, Castle A, Crawford T, Hershberger P.
Mentor: Angie Castle, MA
Department: Family Medicine

Poster: 58

Paige Lewis
Using Artificial Intelligence to Assess the Difficulty of Motivational Interviewing Training Cases

Lewis P, Hershberger P, Crawford T, Castle A
Mentor: Paul Hershberger PhD, Angie Castle MA
Department: Family Medicine

Poster: 60

Chasity B. O'Malley, PhD
An Introduction to the Community College Anatomy and Physiology Education Research (CAPER) Project: Teaching Practices for Anatomy and Physiology
O'Malley CB, Bell K, Cromwell C, Farr M, Gerrits R, Hood S, Hull K, Rands V, Smith D, Jensen M
Mentor: n/a
Department: Medical Education

Poster: 61

Alaina O'Rourke and Paul J. Hershberger, PhD

Assessment of Student Motivational Interviewing Skills Throughout the Clerkship Year

O'Rourke A, Hershberger P, Castle A, Crawford T

Mentor: Paul J. Hershberger, MD

Department: Family Medicine

Poster: 63

Zenab Saeed and Azl Saeed

Implementing a novel student-led review session for clerkship final exam preparation

Saeed Z, Saeed A, Kindig M, Towers G

Mentor: Marilyn Kindig, DO

Department: Obstetrics and Gynecology

Poster: 65

Colette Beard

The Future of Correctional Healthcare: A Literature Review & Call to Action

Beard C, Iversen P

Mentor: P. Inversen

Department: Psychiatry

Poster: 67

Brooklynne Dilley and Sammy Roberts

Childhood Underinsurance During the COVID-19 Pandemic

Dilley, B. A., Roberts, S., Stolfi, A., Eberhart, G., & Pascoe, J.

Mentor: Dr. John Pascoe, MD

Department: Pediatrics

Poster: 69

Monica George and Estelle Viaud-Murat

Global Healthcare Corruption & the Patient Experience: Insight from Two Decades of Literature

George, M., Viaud-Murat, E., Ali, M.

Mentor: Mohammed Ali, MD

Department: Emory University Hubert Department of Global Health

Poster: 62

Samantha Roberts

Can Residents be Productive in a Month Research Rotation? Impact of a Dedicated Research Rotation on Resident Productivity and Attitudes Towards Research

Posid T, Roberts, SA, Scimeca A, Khuhro A, Diab D, Denis-Diaz D, Ballinger J, Moore C, Sharp D, Lee C

Mentor: Tasha Posid PhD

Department: Urology

Poster: 64

Amber Todd, PhD and William Romine, PhD

Using Rasch Measurement to Visualize How Clerkship and Extracurricular Experiences Impact Preparedness for Residency in an Undergraduate Medical Program

Todd A, Romine W,

Mentor: n/a

Department: Medical Education

Poster: 66

Andrea Costin

Air Pollution and Social Determinants of Health throughout U.S. Counties

Costin, A., Clark, A.

Mentor: Jeannette Manger, PhD

Department: Medical Education

Poster: 68

Eshita Garg

Racial Bias and Abortion Stigma: Assessing the Association of the Stigmatizing, Attitudes, Beliefs, and Actions Scale (SABAS) and the Racial Implicit Association Test (IAT) in Medical Learners

Garg E, Reisinger-Kindle, K

Mentor: Keith Reisinger-Kindle, DO, MPH, MS

Department: Obstetrics and Gynecology

Poster: 70

Brittany Hugue, Rose Maxwell, PhD, Keith Reisinger – Kindle, DO, MPH, MS

From Listening to Action: Improving Breastfeeding Among Black-Identifying Women in Dayton, Ohio

Hogue B, Maxwell R

Mentor: Rose Maxwell, PhD

Department: Obstetrics and Gynecology

Poster: 71

Hayden Jaworski, Joseph Stefko, Charles Cush

Increasing Incidence of Lower Trunk Fractures in the Very Elderly Population in the United States in the Last Decade

Jaworski H, Stefko J, Cush, C, Lyons, J

Mentor: Joseph Lyons MD

Department: Orthopedic Surgery

Poster: 72

Clara Joseph

The Impact of Education and Motivational Interviewing on Rates of Flu Vaccination in Primary Care

Joseph C, Conway K

Mentor: Katherine Conway, MD

Department: Family Medicine

Poster: 73

Serena Kaul

Increasing Preparedness of Providers at Roche Health Center in Rural Tanzania to Recognize Signs of Domestic Violence Among Their Female Patients

Kaul S, Burbage M, Doarn C

Mentor: Michelle Burbage, PhD and Charles Doarn, MBA

Department: Environmental and Public Health Sciences

Poster: 74

Alexis Marrin, and Amanda Hinson-Enslin, Ph.D., M.P.H., C.H.E.S.

Assessing Readability of Online Resources About Depression

Hinson-Enslin AM, Cai S, Idrees A, Marrin AP, James AM

Mentor: Amanda Hinson-Enslin, Ph.D., M.P.H., C.H.E.S.

Department: Population and Public Health Sciences

Poster: 75

Arjun Minhas

Socioeconomic Deprivation is Predictive of Postoperative Loss to Follow-Up in Patients with Tibial Shaft Fractures

Berkay F, Reichard A, Minhas A, Froehle AW, Horne BR

Mentor: n/a

Department: Orthopaedic Surgery

Poster: 76

Emma Newman and Erika Nguyen

Increasing Awareness of T2DM Risk Factors through an Online Diabetes Screener in Nicaragua: A Promising Modality in a Post-COVID World

Newman E, Nguyen E, Lee J

Mentor: Jennifer Lee, DO, MPH

Department: Family Medicine

Poster: 77

Noah Parker and Kristen Waters

Low-Acuity Pediatric ED Utilization: Caregiver Motivations

Parker, N, Bufi, K, Waters, K, Almeda, J, Stolfi, A, Ziemnik, L.

Mentor: Lisa Ziemnik, MD.

Department: Pediatrics

Poster: 78

Josef K Rivera, Sydney Silverstein, PhD, Danielle Gainer, MD

Contemplating treatment: A qualitative study on the trajectories of people with OUD after incarceration

Fazel S, Yoon IA, Hayes AJ, Green TC, Clarke J, Brink I

Mentor: Sydney Silverstein, PhD; Danielle Gainer, MD

Department: Population and Public Health Sciences; Psychiatry

Poster: 79

Samantha Roberts and Brooklynne Dilley

Children and COVID-19: A Primary Care Perspective

Roberts SA, Dilley BAS, Stolfi A, Eberhart G, Pascoe J

Mentor: John Pascoe MD, MPH

Department: Pediatrics

Poster: 80

Samantha Roberts

Considering Patient-Perceived Barriers to Urologic Healthcare Access from the Perspective of Elderly Patients in a Retirement Community

Roberts SA, Denis-Diaz D, Sourial M, Moore C, Lee C, Posid T

Mentor: Tasha Posid PhD

Department: Urology

Poster: 81

Estelle Viaud-Murat

Management of Schizophrenia and Acute Psychosis in a patient of Fulani (Peul) culture with non-English Language Preference

Viaud-Murat E, Bhatt N

Mentor: Nita Bhatt, MD MPH

Department: Psychiatry

Poster: 82

Katherine Wilcher and Timothy N Crawford, Ph.D., M.P.H.

Engagement with Healthcare Providers and the Relationship among HIV-Related Stigma, Discrimination, and Engagement in HIV Care among Older African Americans Living with HIV in Ohio

Wilcher K, Spaulding T, Cheribin D, Crawford TN.

Mentor: Timothy N Crawford, Ph.D., M.P.H.

Department: Population and Public Health Sciences; Family Medicine

Poster: 83

Elizabeth Zinn and Olivia Orshoski

Psychotic Symptoms Following Methamphetamine Use

Marco CA, Repas SJ, Clark AN, Hefner DW, Zinn EJ, Orshoski OM, Nanditha R, Ballester MJ

Mentor: Catherine A. Marco, MD, FACEP

Department: Emergency Medicine

Acknowledgements

The 2nd Annual Boonshoft School of Medicine Research Symposium was made possible by the support of Dr. Valerie Weber, Dean of Boonshoft School of Medicine, and Dr. Paul Hershberger, Associate Dean of Research Affairs.

A big thank you to all of our faculty mentors.

Thank you to those who helped coordinate this event: Dr. Jeannette Manger, Jennifer Schantz, and Priya Small.

Thank you to BSOM MedOps and the American Medical Student Association for their support during the day of the symposium.



GO HANDS-FREE!

Use the QR code above to view
our virtual event program.
