

2018 RWJMS Medical Students Summer Research Symposium

<u>Poster</u>	<u>Participating Student</u>	<u>Mentor</u>	<u>Title of Research</u>
1	Nicholas Arcomano	James Coromilas, MD	Pericarditis and Atrial Fibrillation Post-Cardiac Surgery
2	Brian Cao	Soko Setoguchi, MD, DrPH, FISPE	Heatwave, Mortality, and Hospitalizations in MCBS Population
3	Jessie Chan	Charletta Ayers, MD, MPH	Knowledge of Postpartum Women of Obstetrical Danger Signs and Risk Factors
4	Abhishek Chouthai	Vinod Rustgi MD, MBA	Surgical Risks in Patients with Liver Cirrhosis
5	Alexandria M. Cooper	Adrian Balica, MD	Total Vaginal Thickness versus Genitourinary Symptoms in Postmenopausal Women
6	Michael DeCapua	Christine Greiss, DO Sara J. Cuccurullo, MD	Change in AM-PAC Scores in MCA CVA Patients following SSRI Administration
7	Valerie M. DeJesus	Fredric Wondisford, MD	Current Understanding of the Molecular Features of Type II Diabetes Mellitus
8	Trusha Desai	Charles Gatt, MD	ACL Reconstruction with Peroneus Longus Tendon Allograft
9	Michaela Domaratzky	Sabiha Hussain, MD	Social Determinants of Health Causing Recurrent ICU admissions and increased length of stay
10	Ian Eisenberg	Shabbar F. Danish, MD	Delayed Gratification: The Economic Returns to a Career in Neurosurgery
11	Aria Fariborzi & Jal Trivedi	Jonathan McCoy, M.D, FACEP	Assessing the Role of a Sepsis Coordinator in Sepsis Documentation and Sepsis Bundle Completion
12	Tara Ferrante	Jag Sunderram, M.D.	Effects of Feeding Schedule on the Development of ICU Delirium
13	Samantha Freedman	Laryssa A. Patti, MD	Effect of Emergency and Intensive Care Provider Disagreement on Intensive Care Unit Admissions from the Emergency Department on Patient Care

14	Ismail Ghafary	Jeffrey L. Carson, MD	Red Blood Cell Transfusion Thresholds: Individual Patient Meta-Analysis
15	Alisa Girard	Anthony Tobia, MD	Teaching the DSM-5 Criteria for Substance Use Disorders to Medical Students Through An Illustrated Narrative
16	Rebecca Graziano	Billie Fyfe-Kirschner, MD	AA Amyloidosis Complicating Gout: an Unusual Presentation
17	Kaylre Greaves	Michael Dunn, PhD	Decellularization, Extraction, and Characterization of Bioactive Meniscal ECM
18	Thomas Helbig	Ramsey Foty PhD	Electrodeformation-relaxation measurement of cell adhesion and cortical tension
19	Max Herman	Cheryl Dreyfus, PhD	Assessing myelination after deletion of brain derived neurotrophic factor (BDNF)-TrkB receptor from oligodendrocyte progenitor cells
20	Michael R. Hovan	Thomas J. Kirn, MD, PhD	Characterization of Carbapenem-Resistant <i>Enterobacteriaceae</i> at RWJUH
21	Viraj Khetani	Eric A Singer, MD, MA, FACS	Combination Therapies for Metastatic Clear-Cell Renal Cell Carcinoma: Current Perspective and Future Direction
22	Veronica Kim	Nicholas D. Chinsky, MD	The Effect of Anticoagulation on Vitreous Hemorrhage
23	Matthew McGuinness	Joshua Bucher, MD	Insights on Tools Used to Assess Health Literacy in Older Patients in an Urban Emergency Department
24	Mariah McKeivitt	Adrian Balica, MD Eugenia Girda, MD	Clinical Utility of IOTA Reporting in an Academic Center
25	Adarsh Menon	Ram Mani, MD MSCE	Health Care Provider Knowledge About Neurologic Prognosis Determination After Cardiac Arrest
26	Nisha S. Naik	Monica J. Roth, PhD	Developing Retroviral Particles for the

Targeted Delivery of CRISPR/Cas9

27	Daphney Noel	Richard Agag, MD	Patient Preference Regarding Chaperone Use During Plastic Surgery Physical Exams
28	Adaeze M. Okafor	Jonathan Prenner, MD	Transcriptome Analysis of Epiretinal Membranes
29	Vinit Palayekar	Saum A. Rahimi, MD, FACS	Is Non-ruptured AAA Repair Still a Worthwhile Solution for Nonagenarians
30	Sungbae Paul Park	Michael Lewis, PhD	Self-conscious Emotions in Maltreated and Non-maltreated Six-year-olds
31	Tyler Pease	Gregory Peck, DO	Assessing the Academic Value of Rutgers Global Surgery Using a New CFIR-guided Semi-structured Interview Tool
32	Saif Rahman	Frederick H. Silver, PhD	Nondestructive Biomechanical Assessment of Achilles Tendon Allografts Using Optical Coherence Tomography and Vibrational Analysis
33	Priyanka Ramachandra	Ephrem O. Olweny, MD	Patient personality influences health-related quality of life (HRQoL) following ureteroscopic stone extraction with stent insertion
34	Anup Regunathan	Emanuel DiCicco-Bloom, MD	The <i>En2</i> Autism Mouse Model: Defining Effects on the Prefrontal Cortical Regions
35	Alexandra Rubin	Babar Rao, MD	Ex Vivo Reflectance Confocal Microscopy Characteristics of Melanocytic and Nonmelanocytic Skin Cancers
36	Delaney Scollan	Jennifer Amico, MD	Assessing the Prevalence of Partner Reproductive Coercion Among Latin Immigrant Women of New Brunswick
37	Slavmir Sokalaw	John L. Noshier, MD	Computational Ultrasound for Diagnosis and Monitoring of Liver and Kidney Cancer
38	Mallika Tatikola	Gloria Bachmann, MD, MMS	Should gestational carriers be covered for transgender men? Women's Health Institute

39	Melat Tiruneh	Jeremy Sinkin, MD	Computed Tomography Volumetric Analysis to Maximize Volume Match in Autologous Breast Reconstruction
40	Alec Weber	Huizhou Fan MD, PhD	Dysregulation of GrgA Expression Impacts Growth of the Pathogen Chlamydia
41	Julie Williamson	Jeanne M. Ferrante, MD, MPH, FAAFP	Impact of Social Cognitive Theory Constructs on Weight Loss Behaviors Among African-American Breast Cancer Survivors
42	Jennifer Wolin	John Collins, MD	Early Sepsis Identification to Improve Emergency Department Care
43	Steven Xie	Lawrence I. Golbe, MD	A Case-Control Pilot Study to Assess Environmental Metals as Risk Factors for Progressive Supranuclear Palsy (PSP)
44	Kathy Zhang	Vikram Bhise, MD	Risk of epilepsy after first seizure in children with autism spectrum disorder
45	Julia Zheng	Gloria Bachmann, MD	An Assessment of Ob/Gyn Residents' and Attendings' TGNC Specific Education, Training and Experience Levels
46	Joshua Akinsanya	Thomas P. Olson, PhD	Metaboreceptor Expression in Heart Failure Patients: Relationships with the Cardiovascular Response to Exercise
47	Hannah Rhee	Toni M. McLaurin, MD	Venous Thromboembolism Rates and Correlation to Sequential Compression Device Placement in the Hospitalized Trauma Patient
48	Charles Hamilton Ardi Knobel Mendoza Shahyan U. Rehman	Joseph Hanna MD, PhD Gregory Peck DO	Effectiveness of the Global Surgery in Latin America Symposium Using the Kirkpatrick Framework
49	Charles Hamilton Ardi Knobel Mendoza Shane S. Neibart Shahyan U. Rehman Catherine M. Tedeschi	Joseph Hanna MD, PhD Gregory Peck DO	Rutgers Global Surgery: Student Summer Experiences