2019 RWJMS Medical Students Summer Research Symposium

Poster	Participanting Student	Mentor	Title of Research
1	**Nicole Altomare**	Martin Blaser, MD	Changes in Intestinal Gene Expression in Antibiotic-Treated NOD Mice
2	**Brian Anyanwu**	James Coromilas, MD, FACC, FAHA	Utilization of ECG Characteristics to Distinguish Between Proximal and Distal Left Anterior Descending Coronary Artery Occlusions in Anterior Wall ST Elevation Myocardial Infarctions
3	**Hannah Bava**	Grant Wei, MD	Comparing the Multiple Mini-Interview (MMI) to the Standardized Video Interview (SVI) for medical students applying to Emergency Medicine Residency
4	**Rendell Bernabe**	Eric Hargreaves, PhD	Conforming MRI Spinal Sequences to FDA Approved Safety Conditions set out for Medtronic Deep Brain Stimulation (DBS) Implanted Systems
5	**Fernando Camacho Garcia**	Shaohua Li, MD	CREG1 is required for the maintenance of insulin sensitivity and blood glucose homeostasis
6	**Rachel Christensen**	Michael Lewis, PhD	The Development of Disgust and its Relationship to Adolescent Psychosocial Functioning
7	**Michael Ciaramella**	William Beckerman, MD	Prediction of 30-Day Mortality After Ruptured Abdominal Aortic Aneurysm Using the Harborview Medical Center Risk Score
8	**Pooja Desai**	Christina M. Duzyj, MD, MPH	Prospective Characterization of Immune Contributions to Uterine Scarring and Abnormal Trophoblast Invasion in Late Human Pregnancy
9	**Ruchi Desai**	Gregory Peck, MD	Examining the Standard Surgical Social History
10	**Kaitlyn Dickson**	Adrian Balica, MD	Long Term Outcomes of Sonographically Guided Intrauterine Device Placement
11	**Michael DiGaetano**	Kristen Coppola, PhD	Stepping into the first year: An assessment of the influence of medical student's knowledge and perceptions of USMLE Step 1 on first year study behaviors
12	**Samantha Elfanagely**	Gloria Bachmann, MD, MMS	Mothers, Children, and Marijuana: The Implications of Marijuana Use
13	**Ralph Foglia III**	Nina Cooperman, PsyD	Motivation for Substance Abuse Treatment among Individuals Admitted to Hospital Emergency Departments for an Opioid Overdose
14	**Kelly Gao**	Soko Setoguchi, MD, DrPH	Area-based Identification of Asian Racial Subgroups in Big Population Health Data
15	**Joel Glotfelty**	Karen Schindler, Ph.D.	Understanding the Role of Sirt7 in Ovarian Reserve and Oocyte Development

16	**Jack Hayes**	Sugeet Jagpal, MD	Assessing the Mass Casualty Incident Preparedness of In-Patient Physicians and Advanced Practice Providers
17	**Jason Ho**	Jerod Stapleton, PhD	Prevalence and Correlates of Intentional Outdoor Tanning: A National Survey of Young Adult Women
18	**Eileen Hu**	Babar Rao, MD	Artificial Intelligence in Dermatology Mobile Apps
19	**Chaewon Hwang**	Kelvin Kwong, MD	Elucidating the Relationship Between Obstructive and Central Sleep Apnea in Pediatric Population
20	**Daniel Idahosa**	Charles Gatt, MD	Mechanical Behavior of Tripled Semitendinosus Graft for ACL Reconstruction
21	**Jane Jacob & Kristin Blackledge**	Gloria Bachmann, MD, MMS	A Narrative-Based Peer-to-Peer Educational Modality for Peripartum Mood and Anxiety Disorders
22	**Emmeline Jia**	Jeremy Sinkin, MD	Autologous Breast Reconstruction: A Decision-Making Algorithm
23	**Nyasia Jones**	Mihae Song, MD	The identification of genetic mutation associated with prolonged survival in ovarian serous cystadenocarcinoma using the Cancer Genome Atlas
24	**Jonathan Koptyev**	Ephrem Olweny, MD	Evaluation of the Association Between Weight-loss Diets and Risk of Kidney Stone Formation
25	**Abha Kulkarni**	John Kassotis, MD, EngD	Racial Disparity Amongst Patients Undergoing Surgical Aortic Valve Replacement (SAVR) and Transcatheter Aortic Valve Replacement (TAVR) in the United States
26	**Zev Leopold**	Eric Singer, M.D.	Proliferation and Contributions of Administrative Database Studies within Urologic Oncology Literature *Preliminary Data*
27	**Jiazhen Li**	Vikram Bhise, MD	Risk of Epilepsy in Children with Autism Spectrum Disorder – a Retrospective Cohort Study
28	**Allison Liang**	Shabbar Danish, MD	3D Model Characterization of Brain Tissue Damage in Magnetic Resonance-guided Laser Interstitial Thermal Therapy via a Computational Algorithm in MATLAB
29	**Jonathan Nazha**	William Beckerman, MD	Pseudoaneurysms: To Treat or Not to Treat, When to Treat, and How to Treat
30	**Julia Nelson**	Daniel Pilch, PhD	Cloning, Expression, and Characterization of Bacterial FtsZ Proteins as Potential Targets for New Antibiotic Agents
31	**Suraj Nyalakonda**	Sammy Elsamra, MD	Do robotic-assisted radical cystectomies lead to better outcomes than open radical cystectomies in patients with bladder cancer?
32	**Ashley Rodgers**	Peter Cole, MD	Levels of isoprostane as a biomarker of oxidative stress in the cerebrospinal fluid and organ tissues of rats exposed to chemotherapy
33	**Michael Simon**	Maureen Bueno, PhD, RN	Cost-Benefit Analysis of an Electronic Monitoring System for Hand Hygiene Compliance in Reducing Healthcare-Associated Infections

34	**Sapna Syal**	Eugenia Girda, MD	Comparison of Intraoperative Frozen Section and Final Pathology Report for Patients Undergoing Hysterectomy for Uterine Cancer
35	**Nehali Thakkar**	Maya Ramagopal, MD	The Prevalence of Depression in Children with Chronic Respiratory and Sleep Disorders
36	**Ranjitha Vasa**	Juanita Hutchinson-Colas, MD	Urinary Tract Infection Treatment and Antibiotic Stewardship at Rutgers Health Obstetrics and Gynecology
37	**Ashley Vincent**	Benjamin Crabtree, PhD	Physician Perspectives on HPV Vaccination in New Jersey
38	**Sho Yoshitake**	Vinod Rustgi, MD, MBA	The Roles of Aspirin, Statins, Coffee and Vitamin D in the Chemoprevention of Hepatocellular Carcinoma: A Meta-analysis
39	**Jeffrey Yung**	Cynthia Koziol-White, PhD & Reynold Panettieri, MD	Examining effects of CD6 stimulation on contractile signaling in airway structural cells
40	**Jefferson Ebube**	Jean L. Raphael, MD, MPH	Quality improvement: Identifying and Minimizing Barriers in Knowledge of HIV and PrEP Among Patients at Spring Branch Community Health Centers (SBCHC)