



2026 RWJMS Medical Students Summer Research Program Symposium

Thursday, July 30, 2026

Keynote Speaker

**RWJMS - Senior Associate Dean for
Physician-Scientist Development**

Alison Morris, MD, MS

Henry Rutgers Professor
Professor of Medicine and Pharmacology Rutgers,
Robert Wood Johnson Medical School

Associate Director, Rutgers Microbiome Program
Center for Advanced Biotechnology and Medicine

Abstracts

Abstract #	Presenting in Room #	Student	Mentor	Title of Research
1	5801	Abbey Zidel	Gloria Bachmann	Cesarean Delivery on Maternal Request: An Analysis of Healthcare Provider Perspectives
2	5701	Adam Abdallah	Hayk Petrosyan	Electrophysiological Changes Following Phrenic Nerve Reconstruction: A Longitudinal Analysis of Pre- and Postoperative Phrenic Nerve EMG Findings
3	5812	Adhithi Sreenivasan	Jessie Jensen	Characterizing Sociodemographic and Health Outcome Disparities Across Minnesota Counties based on Flavored Cigar Policy Status
4	5701	Aditi Gorthy	Christine Greiss & Dawn Neumann	Exploring the Impact of Adverse Childhood Experiences on Inflammation and Prolonging Symptoms Post-Traumatic Brain Injury
5	5709	Akshita Sharma	Aayush Visaria	Improving CGM Engagement Through Culturally Tailored Education in South Asian Adults with Prediabetes and Type 2 Diabetes
6	5809	Alexander Gu	Biren Saraiya	The Use of Perioperative ctDNA in Predicting Adjuvant Treatment Response for Muscular-invasive Bladder Cancer Patients
7	5809	Alexandra Quarto	Nur Zeinomar	Feasibility and Predictors of Fecal Biospecimen Collection for Microbiome Analyses Among South Asian Breast Cancer Survivors
8	5809	Alina-Marissa Ogurek	Naomi Tan	Acceptability and Impact of a Web-Based Decision Support Tool for Lung Cancer Screening: Results of a Randomized Controlled Study
9	5812	Alison Parish	Shawna Hudson	Identifying Characteristics of Primary Care Environments Associated with Higher Use of Breast Cancer Survivorship Care Flowsheets
10	5709	Allison Zhao	Benjamin Bates	Identifying Factors Associated with Diagnostic Delays in Early-Onset Breast Cancer
11	5812	Alyssa Capasso	Jason Womack	Ivy-League-Big Ten Epidemiology of Concussion Study: Advancing Understanding of Sport-Related Concussion Through Collaborative Epidemiologic Surveillance
12	5707	Amena Khair-Eldin	Joseph Contessa	Building a Comprehensive Head and Neck Oncology Database to Facilitate Outcomes Research and Biomarker Discovery
13	5709	Andrew Joyal	Keith Kaye	Outcomes of treatment with different beta-lactam based regimens in Pseudomonas aeruginosa bloodstream infections.
14	5709	Andrew Jung	Tricia Burdo	Characterizing a Multi-Modal Cohort of Adults Living with and without HIV: Neurocognition, Inflammation, Cellular Phenotyping, and Brain Volumetrics in the Suppressive ART Era
15	5801	Annie Zhu	Jessica Opoku-Anane	Risk of Renal Disease Among Endometriosis Patients One Year Postpartum
16	5703	Arda Yigitkanli	William Beckerman	Retrospective chart review of patients with chronic limb-threatening ischemia due to iliac artery stenosis undergoing femoral endarterectomy with iliac stenting at Robert Wood Johnson University Hospital from 2018 to 2025
17	5706	Asha Patel	Yong Kim	Characterizing angiogenic parameters and amyloid β accumulation to elucidate AHNK function in Alzheimer's disease
18	5708	Ashley McKnight	Ann-Marie Raphail	Exploring the Association Between Education and Cognition-promoting Habits and Cognitive Decline in Patients with Multiple Sclerosis
19	5706	Avery Bauman	Srihari Sundararajan	Pain Outcomes and Hospital Length of Stay After Kyphoplasty Alone Versus Kyphoplasty with Radiofrequency Ablation for Pathological Fractures
20	5708	Avital Dvoyakin	Brad Kamitaki	Mapping Geographic Accessibility to Outpatient Epilepsy Care for Medicaid Beneficiaries: A Mystery Shopper Study Using Two-Step Floating Catchment Area Analysis

21	5709	Bhakti	Vasani	Ahmed	Abdul Azim	Diagnostic Concordance and Clinical Implications of Skin Biopsy in Patients with Hematologic Malignancies
22	5812	Brianna	Moglianesi	Alfred	Tallia	Understanding Medical Student Perspectives on Collaborative and Primary Care Practice Models
23	5814	Bridget	Corpus	Babar	Rao	Mapping Clinically Visible Margins of Basal Cell Carcinoma Using Line-Field Confocal Optical Coherence Tomography (LC-OCT)
24	5703	Carlos	Benito	Saum	Ghodooussipour	Decoding the Tumor Ecosystem: RNA-Seq Profiling Reveals Microbiome-TME Coupling in Bladder Cancer
25	5812	Caroline	Kaprelian	Maria	Pellerano	Feasibility of Social Prescribing in the Greater New Brunswick Area
26	5812	Chinyere	Aguwa	Alfred	Tallia	Understanding Medical Student Perspectives on Primary Care Models
27	5814	Cooper	Brennan	Brett	Millar	Exploring the Links Between Social Support and Cardiovascular Health in Sexual Minority Men Living With HIV
28	5710	Dana	Woodruff	Sara	Heinert	Program Evaluation of the RWJBarnabas Health Community Health Worker Program
29	5806	Daniel	Sonnenberg	Brian	Greer	Randomized Clinical Trial of Contingency Discrimination Training for Reducing Resurgence of Destructive Behavior
30	5708	Daphne	Zhu	Auriel	Willette	The YWHAG:NPTX2 Ratio as an Integrative Biomarker for Cognitive Performance and Alzheimer's Disease Pathology
31	5707	Darshan	Danak	Kiley	Trott	Caregiver-Reported Barriers and Experiences in a Pediatric Aerodigestive Program: A Mixed-Methods Study
32	5801	Disha	Jain	Charletta	Ayers	Perceptions and Attitudes Toward Dietary Patterns and Food Choices Among Menopausal Women: Associations with Self-Reported Hot Flashes and Sleep Disturbances
33	5703	Elisa	Kucevic	Mayur Narayan & Divya Kewalramani		Bluebelle WHQ Scores Distinguish Surgical Site Infection Status by Post-Operative Day 14
34	5710	Elizabeth	Skobelev	Alopi	Patel	Utilization and Repeat Procedure Rates of Trigger Point Injections for Chronic Pelvic Pain: A Retrospective Cohort Study
35	5806	Emily	Chu	Zelma	Chiesa-Fuxench	Manufacturing carbon footprint of FDA-approved systemic therapies for moderate-to-severe atopic dermatitis
36	5801	Emma	Brennan	Gloria	Bachmann	Addressing Educational Gaps in Vulvar Dermatoses: A Structured Literature Review
37	5704	Eric	Li	Divya	Kewalramani	Conducting multidisciplinary stakeholder interviews to assess the current needs in surgical site infection (SSI) prediction, detection, and management
38	5704	Esteban	Hidalgo	Divya	Kewalramani	RECOGNITION OUTPACES PRIORITIZATION: CASE-BASED ACTION-PRIORITIZATION FOLLOWING TRAUMA EVALUATION AND MANAGEMENT™ COURSE
39	5706	Ethan	Cho	Mihyeon	Jang	Yoda1 Ameliorates Meningeal Lymphatic Dysfunction in Murine Models of Cisplatin-Induced Cognitive Impairment
40	5801	Faith	Ricca	Gloria	Bachmann	Addressing Educational Gaps in Vulvar Dermatoses: A Call to Action & Pilot Program
41	5701	Flobatier	Salib	Catherine	Chen	Embedding Clinical Reasoning Skills Development into EMR Training for Pre-clerkship Students

42	5705	Florescia	Schillaci	Ryan	Holland	Impact of Interhospital Transfer Status on Inpatient Mortality for Ruptured Cerebral Arteriovenous Malformations
43	5806	Gabrielle	Peko	Daniel	Horton	External validation of new medication use as a proxy for inadequate response to treatment in JIA
44	5801	Gowri	Konkesa	Aliza	Leiser	Implementing Opportunistic Salpingectomy into non-gynecological surgeries in the RWJBarnabas Health System
45	5809	Grace	Gallant	Katie	Devine	Psychosocial Support Use and 6-Month Outcomes in Adolescent and Young Adult Cancer Survivors
46	5814	Grace	Kern	Marie	Sizemore	Anxiety, Mindfulness, and Substance Use in Sexual Minority Men Living with HIV: Baseline Data from the Tea Time Pilot Study
47	5701	Hailey	Sulzbach	Gregory	Peck	The Mortality of Emergency versus Non-Emergency Cholecystectomy for Diagnosed Symptomatic Gallstone Disease in the US
48	5707	Haydn	Gock	Tejbeer	Kaur	Transcriptomic Homologies and Discrepancies Between Mouse and Human Inner Ear Macrophages
49	5710	Heather	Martin	Sagar	Mungekar	Clinical Outcomes of Suction Thrombectomy Procedures for Right- and Left-Sided Intracardiac Masses: A Single-Center Retrospective Analysis
50	5707	Helen	Ugulava	Joseph	Contessa	Head & Neck Cancer Radiation Outcomes based on STING Expression Levels in Lymph Node Tissue
51	5703	Hyerim Bianca	Nam	William	Beckerman	GLP-1 Receptor Agonist Use and Restenosis Outcomes Following Peripheral Vascular Intervention in Patients with Type 2 Diabetes
52	5705	Ifeoma	Enekebe	Anil	Nanda	Anesthetic Agent Selection and Intraoperative Electrocorticographic Yield in Pediatric Epilepsy Surgery: A Systematic Review
53	5708	Insha	Chhabra	Auriel	Willette	Association Between the CSF YWHAG:NPTX2 Biomarker Ratio and MRI-Derived Regional Brain Outcomes
54	5704	Jacqueline	Finley	Huong	Truong	Laterality of Carotid Stenosis in Patients With Central Retinal Artery Occlusion (CRAO)
55	5701	Janvi	Kavathia	Nell	Maloney Patel	Patient and Institutional Factors Influencing Timing of Initiation of Adjuvant Chemotherapy for Stage III Colorectal Cancer at Robert Wood Johnson University Hospital
56	5707	Jerome	Wang	Kiley	Trott	Adolescent Perception of Facial and Neck Scars After Otolaryngologic and Facial Plastic Surgery: A Qualitative Pilot Study
57	5709	Jessica	Dai	Carolyn	Heckman	Noncompliance with State Laws Prohibiting Minor Indoor Tanning (IT): Nationwide Assessment of Minors' Ability to Book IT Sessions Online
58	5704	Jinny	Hwang	Divya	Kewalramani	Determinants of Injury and Severity-Based Trauma-Center Access in Deer-Vehicle Collisions: A Statewide Analysis of 67,391 New Jersey Crashes
59	5812	Juliana	DaSilva	Irina	Mindlis	Correlates of Apathy in Hispanic/Latino Older Adults with Multimorbidity
60	5701	Juliann	Chiu	Dawn	Neumann	The Role of Heart Rate Variability in Sports-Related Concussion
61	5708	Julie	Sung	Noelle	Stiles	Care Gaps Highlighted in Preliminary Thematic Analysis of Interviews with Argus II Retinal Prosthesis Recipients
62	5710	Kailey	Rouse	Sara	Heinert	Developing and Implementing HPV SCREENED (Self-Collection REach and ENGagement in Emergency Departments) to Improve Cancer Equity

63	5812	Kaja	Darien	Frederick	Silver	Basal Cell Carcinoma: Signaling Pathways Involved in the Tumor Microenvironment
64	5703	Katarzyna	Pasciak	Mayur	Narayan	Patient and Clinical Factors Associated with Surgical Site Infection: A Preliminary Unadjusted Analysis of a Large Surgical Cohort
65	5809	Keerti	Boyapati	Bo	Qin	Historical Redlining and Survival After Breast Cancer Diagnosis Among Black Women
66	5701	Kevin	Gendi	Hayk	Petrosyan	The Long-Term Effectiveness of an Interdisciplinary Acute Rehabilitation Program on Functional Recovery in Individuals with Parkinson's Disease: A 1-Year Follow-Up Study
67	5806	Keya	Patel	Daniel	Pilch	Combination of a FtsZ-Siderophore Conjugate with an Inhibitor of Native Siderophore Biosynthesis Enhances Potency Against <i>Acinetobacter baumannii</i>
68	5710	Kyle	Aanstoots	Sara	Heinert	Clinician Gestalt in the Diagnosis of Ureteral Colic in the Emergency Department
69	5801	Laura	Kuklo	Juana	Hutchinson-Colas	Characterizing the Uterosacral Ligament in the Nulliparous Retroverted Uterus.
70	5708	Lindsey	Kuzma	Hilary	Grosso Jasutkar	Brain Region-Specific Differences in Basal Autophagy: Implications for Alzheimer's Disease
71	5705	Luke	Hixson	Ryan	Holland	A Systematic Review on Prehospital Tourniquets & Hemostatic Agents: Comparing Pre- vs. Post-StopTheBleed® Eras
72	5806	Lydia	Voss	Christina	Amaro	Developing a Single-Session Intervention to Support Adolescent Siblings of Children with Cancer
73	5709	Matthew	Smolka	Alison	Morris	Vascular Pruning and Pulmonary Function in Individuals with HIV-Associated Lung Disease
74	5705	Medha	Satti	Ryan	Holland	Tele-Neurology vs. In-House Neurology Evaluation in Acute Stroke: A Single-Center Quality Improvement Initiative
75	5703	Melissa	Wydak	Mayur	Narayan	Particulate Matter Exposure During Wound Closure as a Predictor of Surgical Site Infection in Emergency General Surgery and Cardiothoracic Surgery
76	5708	Michael	Lee	Hilary	Grosso	Autophagy-Dependent Synaptic Remodeling in Atg7 Knockout Mice
77	5710	Michael	Mazzariello II	Denise	Fernandez	ACT NOW: Increasing Bystander Preparedness Through Community-Based Opioid Education and Naloxone Distribution Program
78	5706	Momin	Bashir	Anil	Nanda	Perioperative Subdural Electrocorticography for Seizure Detection and Cortical Spreading Depolarization Monitoring After Traumatic Brain Injury Craniotomy: A Systematic Review
79	5809	Monal	Patel	Biren	Saraiya	Understanding Clinical Trial Prescreening Workflows: A Mixed Methods Needs Assessment to Inform Development of a Digital Research Dashboard
80	5709	Muskan	Saini	Christoph	Buettner	Acute Occupational Stress and Metabolic Disturbances
81	5806	Nihal	Bharath	Cynthia	Koziol-White	TFF3 induces $\beta 2$ Agonist Hyporesponsiveness Through Impairment of Relaxation in Human Airway Smooth Muscle
82	5708	Nina	Buettner	Michelle	Chen	Examining the Impact of Neighborhood Disparities and Perception of Neighborhood Quality on Cognition in Individuals with Multiple Sclerosis
83	5814	Olivia	Buchholz	Jill	Rabinowitz	Predictors of Treatment Expectancies Among Individuals Receiving Inpatient Substance Use Disorder Treatment

84	5705	Olivia	Sakaguchi	Anil	Nanda	GLP-1 RA use and intracranial aneurysm outcomes: A systematic review
85	5706	Oluwaseyi	Olusoga	Anil	Nanda	Anesthetic Agent Selection and Intraoperative Electrographic Yield in Pediatric Epilepsy Surgery: A Systematic Review
86	5701	Paras	Modha	Hayk	Petrosyan	Aerobic Exercise-Based Stroke Recovery Program IsAssociated with Significant and Sustained Functional Improvements One Year After Stroke
87	5707	Pearl	Miller	Todd	Mowery	The Impact of Neonatal Intensive Care Unit Sensory Experience on Rodent Vision Development
88	5707	Pranav	Manoj	Todd	Mowery	An AAV-based Prophylactic Therapy for Hearing Loss and Vestibular Disorder After Antibiotic Exposure in Cystic Fibrosis Patients
89	5814	Rahul	Verma	Alfred	Chung	Clone-Directed Therapy with Daratumumab in Proliferative Glomerulonephritis with Monoclonal Immunoglobulin Deposits (PGNMID): A Retrospective Cohort Study
90	5704	Raj	Shah	Divya	Kewalramani	Discrimination IsNot Deployability: External Validation of PRESTO, RTS, and TRISS for Pediatric Trauma Mortality in a Lower-Middle-Income Country
91	5710	Rajat	Khurana	Sarah	Heinert	Evaluating Patient Awareness, Barriers to Glycemic Control, and Emergency Department Management of Hyperglycemia: A Survey and Chart Review Study
92	5705	Rebecca	Park	Ryan	Holland	Intra-axial Metastatic Spread of Lung Adenocarcinoma to the Brain without Primary Lesion
93	5806	Reem	Abughannam	Lawrence	Kleinman	Use of MRI and CT Scans for Minor Head Trauma in NY and MD Emergency Departments, 2023
94	5814	Reyna	Moreira-Trochez	Babar	Rao	Two Photon Microscopy for Noninvasive Imaging for Inflammatory Dermatoses
95	5809	Rhea	Arya	Katie	Devine	Neurocognitive Late Effects as Developmental Vulnerabilities: Psychosocial and Occupational Outcomes in Pediatric Cancer Survivors
96	5814	Ria	Garg	Elizabeth	Stone	Behavioral Health-Related Emergency Medical Services Encounters Among Individuals with Disabilities: A National Cross-Sectional Analysis
97	5706	Richard	DeCurtis	Ryan	Khanna	Does Documented Osteoporosis Modify the Perioperative Risk Profile of Lumbar Fusion Surgical Approaches? A National Inpatient Sample Analysis
98	5704	Richard	Morales	Divya	Kewalramani	Limited Accuracy and Poor Agreement in Photograph-Based Diagnosis of Surgical Site Infection: A Multispecialty Study
99	5706	Rishi	Patel	Hai	Sun	PV Interneuron Activation Drives Pro-Ictal Effects in a Mouse Model of Mesial Temporal Lobe Epilepsy
100	5707	Ryan	Luo	Salma	Jabbour	Three-Patient Case Series: Early Outcomes and Acute Adverse Events in Patients Who Underwent Palliative Radiotherapy for Extensive Esophageal Cancer
101	5806	Samantha	Lipson	Lawerence	Kleinman	Trends in Childhood ENT Surgeries in New York and Florida Since COVID-19
102	5709	Sanjana	Putta	Ronald	Nahass	Reassessing the Test-Negative Design: Addressing Methodological Concerns to Inform a Test-Negative Study of CAPVAXIVE Effectiveness Against Pneumococcal Pneumonia in Older Adults
103	5703	Sara	Singer	Toni	Beninato	Understanding Patient Perceptions When Choosing an Endocrine Surgeon
104	5707	Savlatjon	Rahmatulloev	Todd	Mowery	Establishing a Morphological Framework for Evaluating AAV-Mediated Otoprotection Against Tobramycin

105	5704	Senna	Aldoubosh	Divya	Kewalramani	Retrospective Analysis of Pooled Microbiome Data to Assess SSI Risk
106	5706	Shrey	Dave	Anil	Nanda	Outcomes of Deep Brain Stimulation for Patients Suffering from Movement Disorders Following Traumatic Brain Injury: Systematic Review Protocol
107	5706	Simon	Sheppard	Daniela	Perez Chadid	GLP-1 RA use and intracranial aneurysm outcomes: A systematic review
108	5710	Stefanie	Kriel	Sara	Heinert	Developing a Survey to Identify Gaps in Diabetes Awareness, Barriers to Care, and Follow-Up Among Emergency Department Patients with Hyperglycemia
109	5708	Susan	Pereny	Ling	Pan	Phenotypic Characterization of Two Frameshift GBA1 Mutations in Parkinson's Disease
110	5809	Tarik	Saleh	Maria	Kowzun	Racial, Ethnic and Linguistic Diversity in Breast Cancer Clinical Trial Enrollment Within a Single Health Care System: A Retrospective Analysis
111	5703	Utkal	Nimse	Mayur	Narayan	Association between intraoperative surgical technical skill and postoperative outcomes
112	5814	Vamsi	Veeramachaneni	Sarah	Brislin	Mapping the Contributions of Externalizing, Internalizing, and Alcohol-Specific Genetic Risk to Facets of Alcohol Use Disorder
113	5704	Varun	Bulusu	Danielle	Velez Leitner	Aphrodisiacs: A Historical and Scientific Review
114	5705	Vinayak	Nair	Jamey	Lister	What is the Meaning of Research for Me?: Reflections from a Medical Student
115	5701	Yasaman	Galer	Saum	Ghodoussipour	Cell-Free RNA Biomarkers for Non-Invasive Characterization of Bladder Cancer Tumor Grade and Muscle Invasion Status
116	5705	Zachary	Bokhari	Ryan	Holland	Anterior-to-Posterior Thrombectomy Through a Near-Fetal Posterior Communicating Artery for Simultaneous Anterior and Posterior Circulation Occlusions
117	5809	Zachary	Glassband	Tengteng	Wang	Processed Meat Consumption and Hypertension Among Hispanic/Latina and Black Breast Cancer Survivors
118	5801	Zayna	Bajwa	Archana	Pradhan	AI-Driven Analysis of Ambulatory OB/GYN Phone Calls to Develop Call Center Training



THANK YOU

for attending the **2026 Medical Student Summer Research Program Symposium**

We truly appreciate your participation and continued support.

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