

7 – LIST OF ABSTRACTS FROM ALL PARTICIPANTS IN THE 2017 SUMMER RESEARCH PROGRAM

<u>Participating Student</u>	<u>Mentor</u>	<u>Title of Research</u>
Rahwana Amare	Shawna Hudson, PhD	Breast Cancer Survivors' Perceptions about Health Coaching for Cancer Survivorship Care
Raymond Amponsah	Shaul Cohen, MD	Does the Sex of the Neonate Predict the Occurrence Of Intraoperative Nausea and Vomiting?
Nadege Assassi	Michael Steinberg, MD MPH	An Assessment of the Prevalence of Relighting Behavior and Counseling Within the Rutgers Tobacco Dependence Program
Pak-Ho Au	Yanxiang Guo, PhD	Autophagy-mediated Cell Migration in Kras-driven Tumor Derived Cell Lines (TDCLs) under Nutrient Deprived Conditions
Romy Bareket	Darren Carpizo, MD	Effects of Zinc Metallochaperone 1 on Mouse Breast Tumor Cell Lines With <i>Brca1</i> and <i>Tp53</i> Mutations
James Barry (NJHF Fellowship)	Michael Dunn PhD.	Optimization of Collagen Sponges for Tissue Engineering in the Meniscus
Patricia Berkanish	Katie Devine, PhD	Technology-Based Peer Support Interventions for Adolescents with Chronic Illness
Alyssa Bonnell	Jonathan Prenner, MD	A Novel Surgical Technique for Sutureless Intrasclear Fixation of a 3-Piece Intraocular Lens Using a 30-Gauge Needle
Leanne Brown (NJHF Fellowship)	Janice Mehnert, MD	Reviewing the Diagnostic Importance of Genomic Sequencing of Malignant Tumors

Hilary Campbell (NJHF Fellowship)	Adrian Balica, MD	Improving Gynecologic Ultrasound-Based Diagnoses of Ovarian Masses Using International Ovarian Tumor Analysis (IOTA) Guidelines
Christopher Chrzan (Rothstein Scholarship)	Randall D. McKinnon, PhD	Optimizing Reprogramming Transgene Delivery for Spinal Cord Repair
Priya Dave (NJHF Fellowship)	Kelvin Kwong, MD	Effect of Perioperative Montelukast on Post-Adenotonsillectomy Pain
Elizabeth Day (NJHF Fellowship)	Yi-Horng Lee, MD	Rate of Complicated Gallstone Disease in Pediatric Patients Undergoing Cholecystectomy
Survandita Dhawan	Cheryl Dreyfus, PhD	The Selective mGluR Group I Agonist, 2-chloro-5-hydroxyphenylglycine (CHPG), Increases Survival of Oligodendrocytes following Cuprizone-Induced Demyelination
Laura Di Taranti	Jag Sunderram, MD	Evaluating Factors that Influence Transition from Intravenous to Oral and Transdermal Antihypertensives in Patients with Intracerebral Hemorrhage
Trey Dix (NJHF Fellowship)	Yi-Horng Lee, MD	Changes in Intestinal Microbiota, Bile Acid Metabolism and Immunologic Functions after Bariatric Surgery
Anoushka Dua	Adrian Balica, MD	Clinical Indications for Ultrasound-Guided Endometrial Biopsy
Amanda Eberhardt	Bruce Haffty, MD	Molecular Markers in Radiation Oncology: DNA Repair, Protein Transcription and Stem Cell Proliferation following Irradiation of Glioblastoma Multiforme
Robert Gaffey	Lawrence Golbe, MD	Assessment of Environmental and Occupational Risk Factors For Progressive Supranuclear Palsy
Stephanie Giessner	Gloria Bachmann, MD	The Association of Body Image and Physical Appearance to Success in the Medical Field

Ambroise Gilles (Shimamura Scholarship)	Lisa Denzin, PhD	HLA-DM and HLA-DO as Biomarkers in Human Type 1 Diabetes
Bryan Green	Kouichi Ito, PhD	Association between Gut Dysbiosis and CNS Autoimmune Disease
Evan Gui (Shimamura Scholarship)	Charles Gatt, MD	Biomechanical Characterization of Composite Biosynthetic Scaffold For Articular Cartilage Tissue
Michael Harte	William Kostis, MD	A Review of Hypothyroidism and Hypertension
Lefan He (NJHF Fellowship)	James Coromilas, MD	EKG Criteria as a Predictor of Culprit Coronary Artery Occlusion in Patients with Acute Inferior Wall ST-Elevation Myocardial Infarction
Divya Hoon (NJHF Fellowship)	Daniel Horton, MD	Assessing Off-label Drug Utilization in the Pediatric Population
Jordan Kugler	Gloria Bachmann, MD	Improving Maternal Health Awareness in New Jersey
Daniel Levin (CINJ Thoracic Oncology Fellowship)	Sharon Pine, PhD	Investigating the Functional Effects of Phosphorylation at T240 in SOX9 in Lung Cancer
Neel Patel (CINJ Thoracic Oncology Fellowship)	Sharon Pine, PhD	Exploring the Functional Role of Phosphorylation at T240 in SOX9 in Lung Cancer
Stephen Marabondo (NJHF Fellowship)	Howard L. Kaufman, MD, Ann W. Silk, MD	Phase I Study of Intratumoral CAVATAK™ (Coxsackievirus A21) and Pembrolizumab in Subjects with Advanced Melanoma
Brittany Martinez	Manuel Jimenez, MD,	Acceptability and Preliminary Effectiveness of Text Messages To Encourage Shared Reading
Natalia Mavrogiannis (NJHF Fellowship)	Melissa Weidner, MD	Blenderized Tube Feeding Diets in Pediatric Patients: A Survey of Parent Interest and Potential Barriers

Lauren Miller-Lopez	Hatem Sabaawy, PhD	Developing Patient-derived Prostate Cancer Organoids for Personalized Cancer Therapy
Akaash Mittal	Salma Jabbour, MD	Assessing Prognostic Factors of Limited-Stage Small Cell Lung Cancer Patients Following Chemoradiotherapy
Lauren Nagy (NJHF Fellowship)	Theodore Petti, MD	Validation of Self-report Scale for Identification of Communication Deficits in Youth under Psychiatric Care
Oladeji Odewade	Anthony Lemaire, MD	Optimal Timing for a Coronary Artery Bypass Graft After Myocardial Infarction and Outcomes
Shashank Pandya (Genfan Scholarship & partial NJHF Fellowship)	Eric A. Singer, MD	Assessing the Adherence to NCCN Guidelines for Inguinal Lymph Node Dissection in Squamous Cell Carcinoma of the Penis using The National Cancer Database
Laura Parker	Ronald G. Nahass, MD	Proliferative Herpes simplex – Pseudocarcinoma
Matthew Pfeffer	Kien Pham, PhD	Heterogeneous functional and mechanistic action of Sorafenib in human pancreatic cancer cell lines
Pierre Saad	Reynold A. Panettieri, Jr, MD	The Effects of Vitamin D and Dexamethasone on Gα12 Expression and MLC Phosphorylation in Asthmatic Human Airway Smooth Muscle
Yekaterina Sherman	Mark Bramwit, MD, Naomi Schlesinger, MD	Dual-Energy Computed Tomography in Gout Patients
Kelsea Smith (NJHF Fellowship)	Isaac Yi Kim, MD	Questionable Benefit of MRI/transrectal Ultrasound Fusion Biopsy When Compared to 14-core Template Biopsy
Cassandra Soto	Gloria Bachmann, MD	Forgotten Community Health Issues: A Review DFSA of Female Students and Performance Enhancing Drugs in Collegiate Athletes

**Thomas Sullivan
(NJHF Fellowship)**

Cheryl Dreyfus, PhD

Spinal Cord Localization of Metabotropic Glutamate Receptor 5 in the Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis

**Bryan Tan
(NJHF Fellowship) &
Nicole Borglum**

Ephrem Olweny, MD

Health-related Quality of Life (HRQoL) Assessment in Kidney Stone Patients; Comparison of Generalized Preference-based and Disease-specific Instruments

**Rachel Voight
(NJHF Fellowship)**

Jonathan McCoy, MD

Improved In-hospital Code Response and CPR Quality via Rapid Drills and Facilitated Debriefing Cards