We would like to thank the following donors for their generous support of student summer research:

The Chasanoff Family  
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Mr. Dale Zand

In addition, we would like to thank Advantage Testing of Long Island for helping to sponsor today’s event.
56. Use Of Perioperative Glucose Management During Cardiac Surgery To Reduce Incidence Of Post-surgical Complications
   Elena Thompson, Mengxi Ji under the guidance of Dr. Linda Shore-Lesserson and Dr. Oonagh Dowling

57. Physician perspectives on iStop and EHR interface
   Ana Valle under the guidance of Dr. Lauren Block

58. Is Nutritional Status an Important Indicator of Severity and Outcomes in Acute Pancreatitis?
   Benjamin Villacres Mori, Rachel Gray, Peter Nauka, Tabia Santos, under the guidance of Dr. Horacio Rilo

59. Serum MMP-9 Levels Correlate with the Severity of Interverbal Disc Herniation in Patients
   Timothy Walden under the guidance of Dr. Nadeen Chahine

60. Liquid Embolic Agents for Pulmonary Vascular Interventions
   Chris Wang, under the guidance of Dr. Craig Greben

61. The Efficacy of Aspirin for VTE Prophylaxis in Low Risk Orthopedic Surgery Patients
   Nicole Wei, Madison Daly and Frank Mota under the guidance of Dr. Eugene Krauss, Dr. Ayal Segal, Dr. MaryAnne Cronin and Nancy Dengler

62. Evaluating the Efficacy and Mechanism of Action of Disulfiram (Antabuse) in the Treatment of Pancreatic Ductal Adenocarcinoma
   Michael Wotman under the guidance of Dr. David Tuveson and Dr. Herve Tiriac

63. Patient, Faculty and Learner Perspectives on Interprofessional Education in a Primary Care Resident Practice
   Pratiksha Yalakkishettar under the guidance of Dr. Lauren Block

64. Proteomic Technology And Biomarker Discovery: The Future Of Embryo SelecCon
   Arielle Ye-shua, under the guidance of Dr. Alan Copperman

65. Thoracic Non-Vascular Uses of nBCA
   Edward Zhou under the guidance of Dr. Craig Greben

Please proceed to the east building’s atrium to view posters 1-20.

1. Utility of Telemetry Heart Rhythm Monitoring in Patients Presenting with CVA and TIA
   Taner Aydin under the guidance of Dr. Amgad Makaryus, Dr. Goustina Adly, Dr. David Bass and Dr. Roman Zeltser

2. ANA+ B Cell Development in Two Lupus Mouse Models
   Ashley Barlev, under the guidance of Dr. Betty Diamond and Dr. Jolien Suurmond

3. Evaluation of Gender, Ethnic and Racial Diversity Across U.S. ACGME Accredited Orthopaedic Subspecialty Fellowship Programs
   Levi Brown under the guidance of Dr. Lewis Lane and Dr. Selina Poon

4. Outcomes of Low Gradient vs. High Gradient Aortic Stenosis After Transcatheter Aortic Valve Replacement
   Nicholas Chan under the guidance of Dr. Perwaiz Meraj, Dr. Ji Yang and Dr. Craig Raphael

5. TRB-N0224, a Chemically Modified Curcumin for Osteoarthritis Treatment
   Josephine Coury under the guidance of Dr. Daniel Grande and Dr. Nadeen Chahine

6. Rivaroxaban for Thromboprophylaxis after THA and TKA in Obese to Morbidly Obese Patients
   Madison Daly under the guidance of Dr. Eugene Krauss and Dr. Ayal Segal

7. Gender Differences in the Functional Outcome of Acute Stroke
   Katrina Dimiano under the guidance of Dr. Pina Sanelli and Dr. Ankur Pandya

8. Usefulness of Echocardiography
   Jennifer Drummond under the guidance of Dr. Amgad Makaryus, Dr. Neiman Ramjattan and Dr. Roman Zeltser
9. Association of TNFRSF1A Polymorphisms with Risk of Neuromyelitis Optica
   Russell Elmes and Rachel Gray under the guidance of Dr. Joel Stern

10. Teaching End of Life at the Beginning of the Journey
    Brian Emmert, Danielle Qing, under guidance of Dr. Tara Liberman

11. Utilization of Cardiac Telemetry Monitoring: A Limited Resource
    Evin Feldman under the guidance of Dr. Amgad Makaryus, Dr. David Bass, Dr. Kyla D’Angelo, Dr. Supreeva Swarup and Dr. Roman Zeltser

    Dennis Fitzgerald, Adam Seigel under the guidance of Dr. Kevin Tracey and Dr. Sangeeta Chavan

13. Association of Hypertension Among Self-Reported Binge Drinkers in a Patient-Centered Medical Home with a Screening, Brief Intervention and Referral to Treatment Program
    Vladislav Fomin and Dennis Kesselman under the guidance of Dr. Sandeep Kapoor, Dr. Joseph Conigliaro, Dr. Megan O’Grady, Dr. Jeanne Morley, Dr. Nancy Kwon and Dr. Jon Morgenstern

14. Comparison of miRNA Profiles in Metastatic and Non-Metastatic Type II Endometrial Cancers
    Victoria Fort under the guidance of Dr. Annette Lee

15. First Year Medical Students develop Leadership Skills and Traits through the PEARLS Program
    Rachel Gerber and Jessica Schwartz under the guidance of Dr. Samara Ginzburg, Dr. Catherine Bangeranye, Dr. David Elkowitz, Dr. Robert Lucito, Dr. Joel Stern, Dr. Susan Deutsch, Christina Ventura-DiPersia and Jaclyn Bellissimo

    Rachel Gray, Peter Nauka, Benjamin Villacres Mori, Tabia Santos under the guidance of Dr. Horacio Rilo, Dr. Joaquin Cagliani and Dr. Alex Castenada

48. Assessing Development of Leadership Traits and Skills in First Year Medical Students through PEARLS
    Jessica Schwartz and Rachel Gerber under the guidance of Dr. Samara Ginzburg, Dr. Catherine Bangeranye, Dr. David Elkowitz, Dr. Robert Lucito, Dr. Joel Stern, Dr. Susan Deutsch, Christina Ventura-DiPersia and Jaclyn Bellissimo

49. Determination of Acetylcholine Release from Optogenetic T Cells via [14-C] Choline Assay
    Adam Siegel, Dennis Fitzgerald, under the guidance of Dr. Kevin Tracey, Dr. Huan Yang and Dr. Sangeeta Chavan

50. STAT3 Promotes Alveolar Epithelial Regeneration
    April Slamowitz, under the guidance of Dr. Andrew Paris, Ning Dai, Kartik Bhamidipati, Dr. Jarod Zepp and Dr. G. Scott Worthen

51. Accessibility of Outpatient Behavioral Health Care in Nassau County and Queens
    Hannah Spellman under the guidance of Dr. Lauren Block, Dr. Daniel Coletti and Leslie Rosenberg

52. Philosophical Evaluation of Ethics Consults
    Kristen Steslow under the guidance of Dr. Samuel Packer

53. Impact of the New York State Prescription Monitoring Program (iStop) on Chronic Pain Management by Primary Care Providers
    Josiah Strawser under the guidance of Dr. Lauren Block

54. Quantification of Dendritic Spines Using 3D Volumetric Analysis of Intact CLARITY Brain
    Yujie Riche Sun under the guidance of Dr. Eric Chang

55. Mitochondrial DNA Transmission In Families With Autism Spectrum Disorder
    Alexis Tchaconas under the guidance of Dr. Michael Wigler, Dr. Kenny Ye and Dr. Yoonha Lee
17. RNA (miRNA and mRNA) expression profiles in metastatic versus non-metastatic triple negative breast cancer
Brittany Guttadauria, under the guidance of Dr. Annette Lee, Dr. Eleonora Teplinsky, Dr. Andrew Shih, Dr. Ilya Korsunskiy

18. Risk Factors for Blood Transfusion during Cardiac Surgery: A Retrospective Cohort Analysis of the Society of Thoracic Surgeons (STS) Database
Daniel Hart under the guidance of Dr. Linda Shore-Lesserson and Dr. Oonagh Dowling

19. Osmolality Changes with Increasing Nutritional Content of Feedings for Premature Infants
Chelsea Hartman, under the guidance of Dr. Richard Schanler, Dr. Champa Codipilly and Lyssa Lamport

20. Tell Me More: Medical Students Foster Relationships Between Patients and Their Health Care Team
Sarah Hartman, Danielle Qing and Kristin Reese under the guidance of Dr. Alice Fornari, Dr. Taranjeet Ahuja and Agnes Barden

Please proceed to the east building’s atrium to view posters 21-65.

21. Macrophages Promotes Human Osteosarcoma Invasion through CSF-1 and EGF Signaling
Patrick Hartnett under the guidance of Dr. Bettie Steinberg and Dr. Caroline Maloney

22. Evaluation of Opportunistic Internal Mammary Lymph Node Sampling During a Microsurgical Breast Reconstruction: An Analysis of 548 Consecutive Patients
Michael Jin under the guidance of Dr. Irena Karanetz, Dr. Armen Kasabian and Dr. Neil Tanna

23. Comparison of Laparoscopic and Robo1c Partial Nephrectomy: Perioperative Outcomes and Costs
Elie Kaplan-Marans under the guidance of Dr. Lee Richstone, Dr. Geoffrey Gaunay, Dr. Paras Shah, Dr. Ke Ren and Dr. Jesse Toor
24. Assessing Utilization of Primary Care Practices by Patients with Self-Reported Excessive Alcohol Use  
Dennis Kesselman, Vladimir Fomin under the guidance of Dr. Sandeep Kapoor, Dr. Joseph Conigliaro, Dr. Megan O’Grady, Dr. Jeanne Morley, Dr. Nancy Kwon and Dr. Jon Morgenstern

25. Cost-effectiveness of universal MRSA screening in Total Joint Arthroplasty patients  
Dinesh Kommareddy under the guidance of Dr. Sanjeev Suratwala, Dr. Eugene Krauss, Dr. Ayal Segal and Jeanine Woltman

26. Outcomes Following Endoscopic Endonasal Resection of Sellar & Suprasellar Lesions in Pediatric Patients  
Christoforos Koumas, under the guidance Dr. Steven Schneider, Dr. Shaun Rodgers and Dr. Mark Mittler

27. Embolization of Visceral Pseudoaneurysms Using N-Butyl Cyanoacrylate With and Without Coils  
Neel Lalkiya under the guidance of Dr. Craig Greben and Dr. Arton Isa

28. Cardiac Power as a Predictor of Mortality in Sepsis  
Devora Lichtman, under the guidance of Dr. Tashina Dussie, Dr. Ashley Roper, Dr. Rameez Zelter and Dr. Amgad Makaryus

29. Assessment of Outcomes in Hospitalized Patients with Pneumonia of GI Bleed Found to Have Increases in Serum Troponin Ascribed to Type 2 Myocardial Infarction  
Lena Liu under the guidance of Dr. Amgad Makaryus, Dr. Supreeya Swarup and Dr. Roman Zeltser

30. Instituting a Health Policy & Advocacy Elective at the Hofstra Northwell School of Medicine  
Michael Luke under the guidance of Dr. Lauren Block

31. Cholinergic-Mediated Protection of Mitochondria in the Ischemic/Reperfused Heart  
Spyros Mavropoulos under the guidance of Dr. Kaie Ojamaa and Dr. Nayaab Khan

32. Using Big Data to Understand Rare Diseases; Hidradenitis Suppurativa and It’s Association with Depression and Suicide  
Margaretta Midura and Vassiliki Vicky Papagermanos under the guidance of Dr. Amit Garg

33. Technology for Engagement and Management of Health (TEAMH) and Antiretroviral Adherence in Patients Living with HIV: A Mixed-Methods Pilot Evaluation Study  
Sheneiza Moore under the guidance of Dr. Rebecca Schwartz, Dr. Oonagh Dowling, Dr. Barbara Martens, Dr. Joseph McGowan and Dr. Paola Di Marzio

34. Correlation of Antifactor Xa Levels to Body Mass Index With Enoxaparin Thromboprophylaxis  
Frank Mota under the guidance of Dr. Eugene Krauss, Dr. Ayal Segal, Dr. MaryAnne Cronin, Nancy Dengler and Myriam Kline

35. Hemodynamic Instability in Patients on Angiotensin Receptor Blockers Following Anesthesia Induction  
Sarah Mozayan under the guidance of Dr. Oonagh Dowling and Dr. Judith Aronsohn

36. Fluid Volume at 12 Hours is Associated with Outcomes in Acute Pancreatitis: A Retrospective Study  
Peter Nauka, Rachel Gray, Benjamin Villacres Mori, Tabia Santos under the guidance of Dr. Horacio Rilo and Dr. Joaquin Cagliani

37. Establishing the Underlying Mechanism of Multiple Sclerosis and Neuromyelitis Optica  
Eric Neasi, Mark Messina and Michael Funaro under the guidance of Dr. Joel Stern, Dr. Karen Blitz, Dr. Souhel Najjar and Dr. Paul Wright

38. The Role of the NMDA Receptor in Autoantibody-mediated Neuronal Damage  
Jacquelyn Nestor under the guidance of Dr. Betty Diamond and Dr. Bruce Volpe