

| Poster# | Name | Role | Sponsor | Program | Abstract Title |
|---------|----------------------|--------------------------------------|-----------------------------------|---|---|
| B01 | Victoria Sook Keng | School of Graduate Studies Student | Oleg Evgrafov | Department of Cell Biology | Cellular Composition of Middle Turbinate and Development of Biological Models for Schizophrenia |
| B02 | Benjamin Tessler | School of Graduate Studies Student | Steven Fox | Physiology and Pharmacology | Minimally-invasive electric stimulation techniques to target hippocampal theta in the urethane-anesthetized rat |
| B03 | Dativo Sanchez Gort | Research Support Specialist | Itsaso Garcia-Arcos | Cell Biology and Medicine | Use of extracellular substrates by alveolar type 2 pneumocytes for surfactant lipid synthesis |
| B04 | Huma Ahmed | Internal Medicine Fellow | Patrick Geraghty | Pulmonary | Chemical Activation of Protein Phosphatase 2A Slows Progression of Alpha-1 Antitrypsin Deficiency associated Loss of Lung Function |
| B05 | Bakr Jundi | Internal Medicine Resident | Patrick Geraghty | Department of Internal Medicine - Division of | Targeting S100A9 signaling reduces lung cell death and inflammation in alpha-1 antitrypsin deficiency |
| B06 | Pascale Lafortune | Internal Medicine Resident | Patrick Geraghty | Pulmonary | Phospholipid Transfer Protein Deficiency Enhances Lung Inflammation In Mice |
| B07 | Meshach Pillai | Internal Medicine Resident | Patrick Geraghty | Medicine | Protein Phosphatase 2A Reactivation Prevents Bleomycin-Induced Fibrosis in Mice |
| B08 | Matthew Rubin | Researcher at SUNY Downstate | Sabina Hrabetova | Cell Biology | Extracellular Diffusion of Dextran Macromolecule is Slower in Somatosensory Cortex than Visual Cortex in Healthy Mouse Brain |
| B09 | Sailee Chavan | School of Graduate Studies Student | Chongmin Huan | Molecular and Cellular Biology | Effects of Hydroxychloroquine on B cell tolerance in the germinal center |
| B10 | Jessica Mineroff | College of Medicine Student | Jared Jagdeo | Department of Dermatology | Small Molecule Inhibitors of Human Dermal Fibroblast Proliferation |
| B11 | Quiana Jones | School of Graduate Studies Student | Xian Cheng Jiang | Cell Biology | Structural investigation of sphingomyelin synthase related protein via catalytic domain engineering |
| B12 | Elana Cohen | College of Medicine Student | Richard Kollmar | Cell Biology, Otolaryngology | Controlling Vibrissae Movement with Electrical Stimulation in a Rat Model of Facial Nerve Reanimator |
| B13 | Frederick Okoye | Urology Research Fellow | Richard Kollmar | Cellular Biology | Techniques Used to Identify Vasopressin Receptors in Bat: A Potential Novel Animal Model for Nocturia |
| B14 | Alexandra Seidenst | School of Graduate Studies Student | Bradley Aouizerat | NYU Dentistry Translational Research Center | Differential gene expression changes in response to PTSD: a multi-cohort approach to understanding the biological impact of PTSD and exploration of its relationships |
| B15 | Siobhan Lawless | School of Graduate Studies Student | Peter Bergold | Physiology and Pharmacology | Analysis of markerless limb tracking reveals chronic and progressive motor deficits and atrophy after a single closed head injury in mice |
| B16 | James Chen | Physiology/Pharmacology Fellow | Salvador Dura-Bernal | Physiology/Pharmacology | Bridging the In Silico-Clinical Gap: co-simulation of biophysical circuit and whole-brain network models. |
| B17 | Salvador Dura-Bernal | Physiology/Pharmacology Faculty | Salvador Dura-Bernal | Physiology and Pharmacology | Multiscale Models of Motor and Somatosensory Thalamocortical Circuits to Study Brain Function and Disease |
| B18 | Scott McElroy | School of Graduate Studies Student | Salvador Dura-Bernal | Physiology and Pharmacology | Investigating the role of CB1 and GABA receptors in human EEG biomarkers associated with schizophrenia using a multiscale model of auditory thalamocortical circuit |
| B19 | Joao Moreira | School of Graduate Studies Student | Salvador Dura-Bernal | Department of Physiology and Pharmacology | Computational Model of the Ventral Posteromedial Thalamic Circuit |
| B20 | Anthony Fringuello | School of Graduate Studies Student | Sabina Hrabetova | Cell Biology | NBCe1 Dependent Rapid Volume Pulsations of the Extracellular Space Perpetuate Seizure Activity in Post Traumatic Epilepsy |
| B21 | Samir Samadov | Brooklyn College BP-ENDURE | Richard Kollmar | Cell Biology & Otolaryngology | Whisking in Rats as a Function of Body Temperature Measured with a Machine-Learning Approach |
| B22 | Ana Mejia-Bautista | School of Graduate Studies Student | Douglas Ling | Physiology and Pharmacology | Anti-epileptogenic effects of early administration of brivaracetam in rats after severe traumatic brain injury |
| B23 | Sanya Ahmed | College of Medicine Student | William Lytton | Department of Neurology, Department of Phys | Computational Models of Age-Associated Cognitive Slowing |
| B24 | Siddhartha Mitra | School of Graduate Studies Student | William Lytton | Neural and Behavioral Sciences | Simulation of dendritic plateau potentials in striatal spiny neurons |
| B25 | Subhashini Sivagnan | School of Graduate Studies Student | William Lytton | Department of Neurology, Department of Phys | Enabling integrity and metadata provenance of neuroscience research artifacts using Open Science Chair |
| B26 | Mohamed ElSayed | School of Graduate Studies Student | William Lytton and Mohamed Sherif | Neurology Downstate, Psychiatry at Brown Un | Adaptation to Repetitive Stimuli in an Auditory Cortex Computer Model |
| B27 | Adam Newton | Physiology/Pharmacology Fellow | William Lytton | Department of Physiology and Pharmacology | Biophysically Detailed Cellular and Network Models of Right Atrial Ganglionic Plexus |
| B28 | Dzov Singman | School of Graduate Studies Student | Jacquelyn Meyers | Psychiatry | Neurocognitive and genetic influences on Eating Disorder and Substance Use Disorder comorbidity in individuals from families enriched with Substance Use Disorder |
| B29 | Jeeyune (June) Jun | School of Graduate Studies Student | Samuel Neymotin | Nathan Kline Institute | Self-organized and self-sustained ensemble activity patterns in simulation of mouse primary motor cortex |
| B30 | Jonathan Amaro-B | College of Medicine Student | Edward Quadros | Cell Biology | Transmission of behavioral deficits in rats exposed to folate receptor alpha antibody in utero |
| B31 | Michael Tekin | School of Graduate Studies Student | Sheryl Smith | Physiology and Pharmacology | Sex differences in motor learning flexibility in post-pubertal mice are related to mushroom spine density |
| B32 | Natalie Cipriano | College of Medicine Student | Mark Stewart | Department of Physiology and Pharmacology | Contributions of baroreceptor reflex activity to the brainstem depolarization associated with respiratory arrest after airway occlusion. |
| B33 | Rama Sivasubram | Pediatrics Resident | Sule Doymaz | Pediatric Critical Care Medicine | Step-up to Pediatric Codes: A Prospective Observational Study to Assess Impact of Periodic PALS Arrhythmia Algorithm Teaching Amongst Pediatric Residents |
| B34 | David Liu | School of Health Professions Student | Mohammad Faysel | Health/Medical Informatics | Comparative Predictive Analysis of Type 2 Diabetes with Social Determinants of Health |
| B35 | Samuel Gedailovich | College of Medicine Student | Ishaq Ibrahim | Orthopedic Surgery | The Medial and Lateral Forearm Fascia Contribute to Overhead Elbow Extension in Displaced Olecranon Fractures: A Biomechanical Study |
| B36 | Alissa Belzie | College of Medicine Student | Daniel Laroche | Advanced Eyecare of New York | Combination Goniotomy Xen Gel Stent with Mitomycin C: A Case Series |
| B37 | Abhishek Parthiban | Research Technician | Jason Lazar | Medicine | Nocturia and Cardiovascular Disease: A Survey Study of New York State Cardiologists |
| B38 | Lina Alhanshali | College of Medicine Student | Kristen Lo Sicco | New York University School of Medicine | Understanding and Mitigating the Risks of Religious Headwear-Associated Alopecia |
| B39 | Sheetal Sriraman | Pediatrics Resident | Lawrence Fordjour | Pediatrics | Incidence of Sepsis and the Outcomes of Antibiotic use in VLBW Infants at a High-risk, Inner City, Level III Neonatal Intensive Care Unit |
| B40 | Timothy Cooke | College of Medicine Student | William Aibinder | Orthopaedic Surgery & Rehabilitation Medicin | The Yield of Subsequent Radiographs During Nonoperative Treatment of Radial Head and Neck Fractures |
| B41 | Dario Fucich | College of Medicine Student | William Aibinder | Orthopaedic Surgery & Rehabilitation Medicin | Is it Safe to Perform Reverse Shoulder Arthroplasty in Patients Under 55 Years of Age? |
| B42 | Brittney Moncrieff | College of Medicine Student | Danielle Casagrande | Orthopaedic Surgery & Rehabilitation Medicin | Surgical and Medical Complications Increase Postoperatively in Patients with Prior Colectomy Undergoing Primary Shoulder Arthroplasty |
| B43 | Giovanni Sanchez | College of Medicine Student | Danielle Casagrande | Orthopaedic Surgery & Rehabilitation Medicin | General Anesthesia Versus Regional Anesthesia in Acromioclavicular Joint Reconstructions: An ACS NSQIP Analysis 2008-2016 |
| B44 | Kelsha Sanchez | College of Medicine Student | Danielle Casagrande | Orthopaedic Surgery & Rehabilitation Medicin | Upper Extremity Amputations Increase Postoperative Complications in Patients with End-Stage Renal Disease: A Propensity Score-Matched Analysis |
| B45 | Karina Soorya | College of Medicine Student | Danielle Casagrande | Orthopaedic Surgery & Rehabilitation Medicin | Effect of Atrial Septal Defect on Postoperative Outcomes of Primary Shoulder Arthroplasty Patient: |
| B46 | Joydeep Baidya | College of Medicine Student | Qais Naziri | Orthopaedic Surgery & Rehabilitation Medicin | Risk Factors for Adverse Postoperative Outcomes following Total Hip Arthroplasty for Intertrochanteric Hip Fractures |
| B47 | Stephanie Chan | SGU School of Medicine (Medical Stud | Qais Naziri | Orthopaedic Surgery & Rehabilitation Medicin | Atrial Septal Defects Increase Risk of Post-Operative Complications for Total Knee Arthroplasty |
| B48 | Shirley Chen | College of Medicine Student | Qais Naziri | Orthopaedic Surgery & Rehabilitation Medicin | The Impact of Ulcerative Colitis on Outcomes and Complications Following Total Hip Arthroplasty |
| B49 | Ginamarie Gioia | College of Medicine Student | Qais Naziri | Orthopaedic Surgery & Rehabilitation Medicin | Risk Factors and Thirty-Day Postoperative Outcomes in Osteonecrosis Patients Undergoing Total Knee Arthroplasty |
| B50 | Katharine Glaser | College of Medicine Student | Qais Naziri | Orthopaedic Surgery & Rehabilitation Medicin | Iron Deficiency in Primary Total Hip Arthroplasty Patients is Associated with Increased Rates of Postoperative Outcome |
| B51 | Ezekiel Kopilak | College of Medicine Student | Qais Naziri | Orthopaedic Surgery & Rehabilitation Medicin | The Impact of Pancreatitis on Postoperative Outcomes in Total Hip Arthroplasty with Minimum Two-Year Surveillance |
| B52 | Thomas Lin | College of Medicine Student | Qais Naziri | Orthopaedic Surgery & Rehabilitation Medicin | Effects of Coronary Atherosclerosis on Postoperative Outcomes of Patients Undergoing Knee Arthroscopy: Analysis with Two-Year Minimum Surveillance |