



DOWNSTATE
HEALTH SCIENCES UNIVERSITY

Downstate Annual Research Day 2025

March 19th 2025

Time	Event	Area
9:30am – 11:25am	Poster session A	PHAB A, B, C & D
10:00am – 12:30pm <i>concurrent with Poster Sessions A/B</i>	School of Graduate Studies Oral Platform Presentations . Each presentation is 10min with 5min Q&A	PHAB 2C
11:30am – 1:25pm	Poster session B	PHAB A, B, C & D
2:00pm – 3:55pm	Poster session C - All School of Graduate Studies students this session	PHAB A, B, C & D
4:00pm – 5:30pm	Annual Graduate Day Lecture	Alumni Auditorium, EB

Last Name	First Name	Poster Number	School	Title
Adesiyaka	Adedotun	A64	College of Medicine	Trends in Urethral Diverticula: A Bibliometric Analysis
Berguson	Jon	A60	College of Medicine	Serum Albumin May Predict Hospital-Related
Buksbaum	Joshua	A61	College of Medicine	Diminished Serum Albumin is Associated with
Haque	Haroun	A18	College of Medicine	Learning Alongside Language Learning Models: Accuracy
Homayoon	Ariel	A15	College of Medicine	Increased Postoperative Risks in Interstitial Lung Disease
Jain	Hitangee	A22	College of Medicine	Cord Blood Troponin I Levels: Biomarker Evidence of
Kamen	Dan	A57	College of Medicine	Reassessing the Role of Epithelial IL-23 Signaling in
Kazmi	Abiha	A21	College of Medicine	Characterizing Online Patient Education Materials on
Krzywinski	Tymon	A17	College of Medicine	Higher Costs and Prolonged Hospitalization in Patients
Magloire	Christophe	A58	College of Medicine	Infectious Patellar Tenosynovitis: A Rare Case of Patellar
Mastrokos	Paul	A63	College of Medicine	Trends in Cervical Laminoplasty: Medicare Projections
Parker	Benjamin	A11	College of Medicine	The Impact of History of Gastric Bypass History on
Pedrani	Paula	A59	College of Medicine	Informing healthcare approaches for sexually minoritized
Schwartz	Luke	A19	College of Medicine	Age-Dependent Variation in Cytokine Type and
Shah	Mohamme	A13	College of Medicine	Title: Increased Postoperative Complications in Irritable
Singh	Tanveer	A14	College of Medicine	Regional Anesthesia is Associated with Lower Risk of
Veenema	Ryne	A12	College of Medicine	Serum Albumin May Predict Acute Kidney Injury Among
Vummidi	Shivasurya	A20	College of Medicine	Systematic Review And Meta-Analysis Of
Yeroushal	Michael	A16	College of Medicine	Impact of Non-Alcoholic Fatty Liver Disease on
Zaidi	Mohamme	A62	College of Medicine	Trends and Emerging Directions in Pediatric Orthopedics:
Dayan	Jason	A8	College of Medicine	Preoperative Transfusion is Associated with Higher Risk
Klotz	David	A6	College of Medicine	Neuraxial Anesthesia is Associated with Decreased
La Poche	Alex	A3	College of Medicine	Incidence and Risk Factors of Revision Surgery in
Rabban	Maya	A9	College of Medicine	Unintentional Weight Loss is Associated with Higher Risk
Said	Mohamed	A10	College of Medicine	Combined Dislocation of the Naviculocuneiform and
Shearon	Zachariah	A4	College of Medicine	Unintentional Weight Loss is Associated with Higher Risk
Stachula	Diana	A5	College of Medicine	Comparative Outcomes between Monitored Anesthesia
Yusupov	Daniel	A7	College of Medicine	Preoperative Transfusion is Associated with Higher Risk
Zhou	Sally	A2	College of Medicine	Monitored Anesthetic Care is Associated with Shorter
Abizadeh	Ethan	B27	College of Medicine	Analyzing the Research Publications of Successful

Appelbau	Joshua	B8	College of Medicine	Prevalence of intra-operative hypotensive episodes at
Bajnauth	Daana	B58	College of Medicine	Impact of Genetic Mutations on Response and Time to
Branigan	Philip	B31	College of Medicine	Myocardial Infarction in Women: Incorporating Health
Collins	Alexia	B14	College of Medicine	Real world case series: Filsuvez efficacy in 2 patients
Dai	Emily	B9	College of Medicine	Anesthetic Management of Aortic Hemiarch
Flanagan	Jack	B5	College of Medicine	Lobectomy in a 58-day-old: A Case Report of Cystic
Fudala	Madeline	B21	College of Medicine	Rare Case of Primary Bone Lymphoma
Gioia	Ginamarie	B4	College of Medicine	Propofol Frenzy Syndrome in a Pediatric Patient
Glatman	Julia	B37	College of Medicine	Comparative Outcomes of Spinal vs. General Anesthesia
Kabakova	Margaret	B15	College of Medicine	Visible blue light does not induce DNA damage in human
Kaganovsk	Adriana	B30	College of Medicine	Elevated Prevalence of Age-Related Macular
Kamyab	Daniel	B23	College of Medicine	Case Report: Discrepancies in Pneumothorax Detection
Kazmi	Abiha	B19	College of Medicine	Lifestyle Behaviors among Adolescents: assessing the
Khemlani	Amber	B7	College of Medicine	Identifying Causative Factors that Lead to Delays in OR
Kosches	Alana	B12	College of Medicine	Is Nocturia Associated with an Abnormal Valsalva
Ksido	Lennox	B38	College of Medicine	Ultrasound in Renal Cancer Screening - A Review of The
Kubayeva	Sabina	B35	College of Medicine	Development of an Advanced Care Planning Pilot Module
Lavi	Aaron	B24	College of Medicine	Evaluation of Postoperative Complications Length of
Lee	John	B10	College of Medicine	A longitudinal analysis of post-traumatic headache
Leinen	Monique	B34	College of Medicine	I Prefer to Be Alone: Explaining social isolation among
Mesfin	Ezanna	B26	College of Medicine	Evaluating ChatGPT-4o's Reasoning in Ocular Injury
Noyes	James	B22	College of Medicine	A Bibliometric Analysis of the Top 100 Most-Cited Papers
Nwaubani	Ugwumsin	B16	College of Medicine	Unveiling the Influence of Artificial Intelligence on
Onatsko	Nicole	B20	College of Medicine	Pleural Marginal Zone Lymphoma Masquerading as
Promi	Tasmia	B11	College of Medicine	Relation between Blood Pressure Indices and Nocturia
Raphael	Domenick	B18	College of Medicine	Opposing Roles of Notch1 and Notch2 in Metabolic
Samson	James	B29	College of Medicine	Utility of Intravitreal Dexamethasone implant (Ozurdex)
Schiraldi	Nicole	B17	College of Medicine	Single-Center Practices of Non-Ablative Fractional
Singavara	Joshua	B36	College of Medicine	Evaluating the Quality of Cardiovascular Disease
Stratigakis	Nicholas	B28	College of Medicine	Use of Optical Coherence Tomography Angiography in
Vasa	Ranjitha	B6	College of Medicine	Spices oils and teas: A comprehensive review exploring impact on female fertility

College of Medicine Poster Numbers

Weber	Moshe	B13	College of Medicine	Orbital Complications of Dental Implants
Woo	Michael	B32	College of Medicine	Reactive Infectious Mucocutaneous Eruption: A Case
Zhou	Sally	B3	College of Medicine	Intraoperative Blood Pressure Target in a High Risk
Zweig	Sophia	B33	College of Medicine	Myocardial Infarction in Women: Incorporating Health
Chhabra	Dhruva	C26	College of Medicine	Length of Stay and Greater Risk of Institutional
Cocorpus	Jenelle	C31	College of Medicine	People Living with HIV During the Coronavirus-19
Collins	Alexia	C30	College of Medicine	Hidradenitis Suppurativa
Gladstein	Nicole	C33	College of Medicine	Mammoplasty
Glaser	Katharine K	C38	College of Medicine	Trends In Total Elbow Arthroplasty
Heider	Matthew	C25	College of Medicine	An Ex-Vivo Human Corneal Rim Perfusion Model
Lam	Jason	C27	College of Medicine	During Adriamycin-Induced Glomerular Injury in Murine
Lopez	Jesus	C29	College of Medicine	flexibility in a murine model of Alzheimer's disease
Mahmoud	Samer	C37	College of Medicine	History of Trapezius Palsy Surgeries
Mizuno	Masataka	C24	College of Medicine	osteoclast differentiation in healthy subjects and
Rau	Olivia	C32	College of Medicine	and function of the anterior cruciate ligament
Sabzanov	Samuel	C28	College of Medicine	memory storage in PKM ζ -null mice
Smith-Salz	Bayle	C36	College of Medicine	Patients at a Safety Net Hospital
Trabilsy	Maissa	C34	College of Medicine	Race, Sex, and Age in Aesthetic Plastic Surgery
Wei	Lucy	C35	College of Medicine	Necrosis Prevention In Alloplastic Breast Reconstruction
Wei	Lucy	B25	College of Medicine	Flaps: A Gross and Histological Study in a Rodent Model

College of Nursing Poster Numbers

Last Name	First Name	Poster Number	School	Title
Jackson	Lawnda	A23	College of Nursing	Enhancing PrEP Uptake Among African American
Viciere	Stacey	A24	College of Nursing	Implementation of a High Protein Low

Residents' Poster Numbers

Last Name	First Name	Poster Number	School	Title
Abed	Varag	A46	Resident	Increased Institutional Discharge Disposition in Chronic Obstructive
Alam	Juhayer	A36	Resident	Preoperative Transfusion is Associated with Higher Risk of Bleeding
Arash	Faisal	A47	Resident	Obstructive Sleep Apnea Increases Risk of Medical Complications After
Baksh	Nayeem	A48	Resident	A Retrospective Nationwide Analysis of the Impact of Sleep Apnea on
Beyer	George	A32	Resident	Serum Albumin May Predict Prolonged Hospitalization for Total
Burekhovi	Steven	A33	Resident	Severely Diminished Serum Albumin is Associated with Mechanical
Christoph	Boris	A49	Resident	Assessing the Relationship Between Obstructive Sleep Apnea and
Condron	Nolan	A45	Resident	Unintentional Weight Loss is Associated with Higher Risk of
Dawkins	Brody	A37	Resident	Serum Albumin and its Association with Reoperation in Total Shoulder
Detweiler	Max	A29	Resident	Can Elevated International Normalized Ratio (INR) Predict
Ehiorobo	Joseph	A34	Resident	Serum Albumin May Predict Bleeding Transfusion Among Patients
El Beaino	Marc	A55	Resident	Preoperative Transfusion is Associated with Longer Hospital Length of
Feingold	Jacob	A50	Resident	History of Gastric Bypass Surgery Increases Risk of Complications
Ikwuazom	Chibuoke	A38	Resident	Elevated Preoperative International Normalized Ratio (INR) May
Kim	David	A35	Resident	Preoperative Transfusion is Associated with Higher Risk of Mortality
Kim	David	A39	Resident	Elevated Preoperative International Normalized Ratio (INR) May
Lee	Margaret	A51	Resident	Association Between Chronic Obstructive Pulmonary Disease and
Liu	Scott	A40	Resident	Can Serum Albumin Predict Procedure-Related Complications in Total
Pallissery	William	A52	Resident	Chronic Obstructive Pulmonary Disease as a Predictor of Increased
Passfall	Lara	A44	Resident	Elevated International Normalized Ratio (INR) is Associated with
Tischler	Eric	A41	Resident	Serum Albumin and its Association with Readmission for Patients
Tozzi	Declan	A42	Resident	Elevated Preoperative International Normalized Ratio (INR) May
Twining	Peter	A54	Resident	Preoperative Transfusion is Associated with Higher Risk of Urinary
Van	Gregory	A53	Resident	Preoperative Transfusion is Associated with Higher Risk of
Vasa	Ranjitha	A56	Resident	Oocyte Cryopreservation on TikTok: An analysis of top 50 videos
Windsor	Eric	A30	Resident	Preoperative International Normalized Ratio (INR) and its Association
Wolfert	Adam	A43	Resident	Preoperative Transfusion May Predict Prolonged Hospitalization for
Zhou	Jack	A31	Resident	Preoperative International Normalized Ratio (INR) and its Association
Boroda	Joseph	B47	Resident	Differences in Water and Solute Excretion in Patients with Nocturia
Boroda	Joseph	B48	Resident	Differences in Water and Solute Excretion in Patients with Nocturia

Residents' Poster Numbers

Kurup	Meenaksh	B46	Resident	Hemophagocytic Lymphohistiocytosis in an HIV-Negative Adult with
Nguyen	Ezie	B42	Resident	Modifiable Factors Associated with Suicide Risk Behavior Among Trans
Nnadi	Ekenedilic	B45	Resident	What Note to Do?
Rabah	Rebhi	B44	Resident	BP Basics: Enhancing Hypertension Control Through Population Health
Spell	Charlie	B43	Resident	Steady Steps: Enhancing Fall Screening For Older Adults
Ahmed	Tahir	C23	Resident	A Rare Case of Steroid Resistant Tip Lesion FSGS
Banayan	Charlotte	C53	Resident	The Relationship Between Gastroesophageal Reflux and Constipation
Banayan	Charlotte	C54	Resident	Racial Distribution of Endoscopic Volume in Children Before and After
Bicki	Ela	C51	Resident	A Case of Asymptomatic Siblings with Brugada Syndrome
Bicki	Ela	C52	Resident	Management of Giant Coronary Artery Aneurysm With Long-Term
Cho	Hyung-Gyd	C55	Resident	Access to Care and Health Care Utilization Among Patients with
Dinakaran	Janani	C57	Resident	Acute Ischemic Stroke in a Pediatric Patient with Cerebral
Nirmal	Dinesh	C58	Resident	CIP2A-Mediated Activation of Akt and SMAD3 Pathways Drives
Sharma	Shagun	C56	Resident	GENETIC RISK VARIANTS ARE COMMON IN NATIVE-BORN AND

**School of Graduate Studies
Poster Numbers**

Last Name	First Name	Poster Number	School	Title
Sanders	Renata	A1	School of Graduate Studies	Functional Gastrointestinal Disorder and Emetophobia
Chavan	Sailee	C6	School of Graduate Studies	Improving Hydroxychloroquine's Efficacy for Systemic
Davis	Evan	C12	School of Graduate Studies	The link between oral health and glaucoma in the
ElSayed	Mohamed	C11	School of Graduate Studies	Using Machine Learning to Predict Smoking Cessation in
Fajobi	Joseph	C7	School of Graduate Studies	Boldine improves behavioral and histological outcomes
Holder	Jenessa	C5	School of Graduate Studies	Learning to Learn: How Cognitive Control Training
Jere	Madhavi	C59	School of Graduate Studies	3D Cytoarchitectural Characterization of a hiPSC-
Khashan	Tarek	C16	School of Graduate Studies	Towards a detailed mechanistic model of human cortical
Lam	Michelle	C2	School of Graduate Studies	Investigating Mucosal Immunity with Dual-Immunogen
Leitner	Molly	C17	School of Graduate Studies	Linking Neuronal Channelopathies to Circuit E/I
Li	Xiang	C3	School of Graduate Studies	Sphingomyelin Synthase Related Protein (SMSr) is a
Lu	Tyler	C10	School of Graduate Studies	Generation of Function Pluripotent Cell-Derived Brain
Mashati	Pargol	C4	School of Graduate Studies	Evaluating the therapeutic potential of a novel ADAM10
McElroy	Scott	C14	School of Graduate Studies	Title: Identifying cell-type-specific alterations
Mishan	Daniel	C13	School of Graduate Studies	Investigation of L-leucovorin treatment on language
Mitra	Siddhartha	C9	School of Graduate Studies	NMDA driven spikes modulate plateau potentials in D1
Morrone	Riley	C15	School of Graduate Studies	Human 3R and 4R tau expression improves function
Sanchez-G	Dativo	C8	School of Graduate Studies	Use of plasma free fatty acids by alveolar epithelial type
Sanjana	Anika	C18	School of Graduate Studies	Pre-injury intervention with SV2A-ligand antiseizure
Singh-Aga	Radhika	C19	School of Graduate Studies	Characterizing Differences in hERG Expression between
Sivagnana	Subhashin	C1	School of Graduate Studies	Enhancing the Integrity and Reproducibility of
Tessler	Benjamin	C20	School of Graduate Studies	Temporal Interference Stimulation for Precise Non-
Wiese	Maria Mia	C22	School of Graduate Studies	Defining the Role of Malignant Megakaryocytes on
Wroblewski	Tadeusz	C21	School of Graduate Studies	Allostatic load and neuropsychiatric outcomes following

Last Name	First Name	Poster Number	School	Title
Vora	Juhi	B49	School of Health	The Impact of the COVID-19 Pandemic on Medicaid

School of Public Health Poster Numbers

Last Name	First Name	Poster Number	School	Title
Inzerillo	David	B57	School of Public Health	Inpatient Feeding Program for a Vulnerable Underserved
Majrud	Difaa	B52	School of Public Health	The barriers and factors associated with low rates of
Majrud	Difaa	B53	School of Public Health	The barriers and factors associated with low rates of
Malik	Isha	B51	School of Public Health	Bridging the Gap in Lung Cancer Awareness: A Cross-
Mosaad	Aliye	B55	School of Public Health	Thermoregulatory Stress and the Ageing Mind:
Naqvi	Merium	B56	School of Public Health	Factors influencing the well-being of perinatal individuals
Patel	Dhruti	B54	School of Public Health	The association between smoking and the 10-year incidence
Yaseen	Muhamma	B50	School of Public Health	Advancements in Treating Vascular Dysfunction in Pro-