

November 21, 2025

SYMPOSIUM SCHEDULE

Lunch and Opening Remarks 12:30 PM – 1:00 PM Studio

Phyllis MacGilvray, MD, FAAFP, Dip ABLM Dean University of South Carolina School of Medicine Greenville

Alain H. Litwin, MD
Chief Scientific Officer
Prisma Health
Professor of Medicine
University of South Carolina School of Medicine Greenville

Sudha Garimella, MD
Interim Associate Dean for Research
Associate Professor
University of South Carolina School of Medicine Greenville
Medical Director, Division of Pediatric Nephrology and Hypertension
Prisma Health

Awards and Closing Ceremony..... 5:00 PM – 5:45 PM Studio

Adjournment

ABSTRACT



https://qrco.de/bgSlsn

ZEN

924 South Main Street Greenville, SC 29601





POSTER SESSION 1

Androw Abdelnour Comparative Effectiveness of Two-Ven Preoperative Liquid Diets on Postopera Loss in Bariatric Surgery Patients: A Reti Cohort Study	Abstract 20 sus Four-Week ative Weight cospective
Lanie Acosta, MS Incidence and Risk Factors Linked to Transcripted Circulatory Overload (TACO) A Memorial Hospital	Abstract 54 ansfusion-As- At Greenville
Ryan Adams, BS	Abstract 71
Effectiveness of Prehospital Blood Adn Pediatric Populations: A Scoping Review	ninistration in
Callum Allison, BS	Abstract 12
Association of ASES Score with Surgical After Shoulder Surgery: A Driving Simul	Arm Steering
Sarah Aloi, BS	Abstract 76
Predictors of Intravenous Tissue Plasm tor (IV t-PA) Administration Among Isch Patients with Elevated Triglycerides (>2	inogen Activa- nemic Stroke
David Arnold	Abstract 100 Toward Improv-
Justin Barron, BS Analyzing Human Gene Expression in A baumannii infection with Dual RNA-Sed	Acinetobacter
Connor Bates, BS PPIs with Chemotherapy: Inducing Multance (MDR) with Omeprazole in Esop Cell Lines	Abstract 75 Iti-Drug Resis- hageal Cancer
Anna E Bazell, BS	Abstract 71 ry: A Systematic ional Interven-
Mya Beasley, BS	Abstract 39 Frequen- Glioblastoma
Meredith Bhend, BS	Abstract 16
CA19-9 Levels as Predictors of Progress ic Adenocarcinoma	
James Bowron, BS Improving liquid biopsy sensitivity by e cfDNA yield through chemical modifica	
Kassie Carlson, BS	Abstract 109 aduate Medical
Laucation. Scoping Review Protocol	
Hayden Carrillo, BS Measuring Medical Student Resilience Behavioral Insights	Abstract 62 to Identify
Evan Case, BS	Abstract 111
A Qualitative Analysis of White Coat Of Hippocratic Oath	aths and the
Feng Chen, BS	Abstract 6

Annual Wellness Visit QI Project at Center of Family Medicine-Oconee

E22IOIA I
Gabrielle Choe, MBSAbstract 101 Use of Study Resources and Performance Outcomes in First-Year Medical School Anatomy
Maddi Clark, BS
Christian Cormas, BS
Logan Cripe, BSAbstract 112 Patterns of Resilience in Medical Students
Austin D'Addario, MSAbstract 1 1-Year Outcomes of Operative Tibial Plateau Fractures With and Without Cruciate Ligament Injuries
Andy Davis
Sameer Ebrahim, BS
Grayson Fletcher, BSAbstract 69 PAF Enhances Intracellular Calcium Release and Motility in Sea Urchin Spermatozoa
Sonia Garg, BS
David Chandler Gayle
Jolie Guinn, BS
Greyson Holler BS
Liza Hopper, BSAbstract 13 Baroreflex Activation Therapy (BAT) as an Adjunct for Proactive Heart Failure Management
Sydney Jarecki, MD Candidate Abstract 10 Association Between Polypharmacy and Medication Adherence: A Meta Analysis
Conner E Johnson, MEng Abstract 53 In-Hospital Outcomes Among Patients Admitted for Myocardial Infarction with Coexisting RSV vs Influenza Infections

1:00 PM - 2:00 PM Lounge

Noelle Luzzi, BS	Abstract 57
Intrapulmonary Neurofibromas in Confirmed Neurofibromatosis: A E with a Proposed Algorithm	the Absence of Diagnostic Challenge

vviison iviaddox	ADSTract 3
Evaluating The Impact of I	Patient Education on MRI
Key Performance Indicato	rs

Bren	ına Mattnews, BS	ADSTRACT 8:
Scorii	ng of Pediatric Respiratory Syncytic	al virus (RSV)

Dru Montomery, BS	Abstract 72
Placental Syphilis: A Growing Concer Health	n for Neonatal

Adeyemi Oduwole, MPH..... Abstract 86 Sex-Specific Effects of Plant-Based Diets in Type 2 Diabetes: Systematic Review Protocol

Bailee Oliver, MPH	Abstract 102
Where We Live Matters: Associations	Between Food
Deserts, Their Residents and Obstetr	ic Complications

Lauren Palmariello	Abstract 89
Social Media as Information Flow Betw cy Departments and the General Public Review	een Emergen : A Scoping

Luis J Sanchez Ferrer, BS	Abstract 64
Non-persistence with Denosumab vs	s. Bisphospho-

Rae Scriess, BS ADSII	
Preoperative Block May Lead to Lower Prolong oid Use and Greater Quality of Life in Lower Ex Amputation Patients	ed Opi- tremity

Morgan Snyder	Abstract 1
Characterizing Cardiac Amyloidos	sis in a Regional
South Carolina Population: A Potr	rosportivo Apalysis

Allie Stacks	ADSTract 8
Association between a shortage in-hospital outcomes among in neutropenia	e of normal saline and dividuals with febrile

Lexi Stone	Abstract 106
The Sweet Spot: An Algo TPN Orders	orithm Approach to Optimize

Karl Swiger, BS	Abstract 63
Morbidity and Mortality Versus Hip Fractures: A I tive Study	y in Older Adults w <mark>ith Ankle</mark> Multi-Institutional Retrospec-

Tamia Ward, BS	Abstract 21
Comparative Sex and Gender	Outcomes in Response
to Exercise Interventions in Ad	dults with Obesity: A

Nicholas Zullo	Abstract 46
Hybrid Academic/Communit	ty Cellular Therapy
Program and Incidence of CA	IR-T Adverse Events: A

Systematic Review

Retrospective Chart Review

Sydnie Keane, BS Abstract 29

Disparities in Diagnosis and Treatment of Anal Cancer





POSTER SESSION 2

Joel Aguilera Flores, BS	
Grace Anderson, BS	
Emanuel J Ayala, MS	
Caroline Bailey, MS	
E Palmer Ball, MS	
Vanessa Bartholomew, BS	
Mya Beasley, BS	
John Benedetto, BS	
Sally Brown, BS	
Tyler Carlson, MD Candidate Abstract 11 Association between Polypharmacy and Medication Adherence:_ A Meta Analysis	
Feng Chen, BS	
Olivia Comer, MS	
William Corns, BS Abstract 83	
Robotic Assisted vs Mechanical TKA in Patients with Smart Knee Implants	
Emiliano Costilla, MS-3Abstract 105 Global Trends in Prehospital Antibiotic Administration, a Systematic Review	
Austin D'Addario, MS Abstract 25	
Comparison of Vein Recanalization Following Deep Vein Thrombosis Treated with Direct Oral Anticoagu- lants	
Sameer Ebrahim, BSAbstract 23	
Comparison of Operative versus Non-Operative Treatment for Minimally Displaced Tibial Plateau Fractures Stratified by Schatzker Classification	

Kelly Forrester
Claire Fortman
Kendall Gassman, BS Abstract 55 Inspiring The Next Generation Through Implementing the Inaugural STEM Goes Red Event at a Medical School
Greyson Holler, BS
Nabeeha Khan Abstract 84 Robotic Left Renal Vein Transposition
Spencer Loehr, BS
Lawson Logue, BS
Kelsi Marts, BSAbstract 35 Evaluating the Impact of MRI Preparation and Educational Materials on Scan Times
Katherine McCann, BS
Ben Meyer, BSAbstract 104 Connections to Contraception in the Emergency Department: A Scoping Review
Charles Meyerson
Elizabeth Moshier, MSAbstract 103 From Clicks to Clinics-Optimizing Onboarding Strategies to Connect Primary Care Facilities with Physical Activity Programs
Isabella Nashbar, MD Candidate Abstract 50 Impact of Volunteerism on Medical Student Empathy and Burnout
Thien Nguyen Abstract 60
Is There an Appropriate Needle Gauge for Adequate Tissue Procurement in Liver Diagnostics?
Chandini Patel, RDCS, RVTAbstract 2 A Novel Lens on Psychological Safety: Examining Clark's Theory in Medical Academia
Mason Pearce Abstract 24

4:00 PM - 5:00 PM Lounge

	Maria Pita	Abstract 28 Promote a ic Families: at Pediatric
	Ruthie Richardson, BS	s Impact on
	William Robinson, BS	ıbicin Cyto-
	Georgia Roper, BS	pective Study
	Jennifer Rumsey, M3	
	Logan Russell	.Abstract 7 al saline and with febrile
	Emma Sherman, BS	icing Students
	Benjamin Sievert, MD Candidate Association between Polypharmacy and Adherence: A Meta Analysis	.Abstract 9
	Brandon Stiff, BS	he Devel-
	Ethan Stoll, BS <i>Identification of Fc Receptor Expression of Spermatozoa</i>	
	Evan Stravolo, BA	
	Isabel Stringfellow, BS Building Empathy through Polypharmacy	

Building Empathy through Polypharmacy Simulation (BEPS)

Gillian Sweeney, BS.......Abstract 43

Geospatial Visualization of Social Determinants of Health in Greenville County, South Carolina: Toward Understanding Pediatric Respiratory Infection Risk

Yash Verma.......Abstract 107
Gene Expression Profiles of Human Macrophages
Reveal Insights into Pathogenesis of Necrotizing Fasciitis-associated Acinetobacter baumannii

Jeffrey Woodward, BS......Abstract 81REFLECT: A Creative Approach to Centering Patient Identity in Research

Comparison of Proximal Junctional Kyphosis Rates in Lenke 1 Adolescent Idiopathic Scoliosis Patients Undergoing Posterior Spinal Fusion with Upper Instrumented Vertebrae at T3, T4, or T5

Environmențal Influences of Pediatric RSV: A Geospa-

Colleen Phan, BS

Grayson Fletcher, BS..... Abstract 56

Interarial changes in white matter connections defined by DTI Tractography characterize motor symptoms in Parkinson's Disease



STUDENT ORAL PRESENTATION SCHEDULE

2:15 PM - 3:45 PM | Studio

Meaghan Arnold - Abstract #97

The Impact of the Molecular Characterization Initiative on Care of Pediatric, Adolescent, and Young Adult Cancer Patients

Amariyah Ayee - Abstract #91

Stability in Vulnerability: Longitudinal Assessment of Material Need Insecurity in Patients with Cardiovascular Disease and HIV

Mya Beasley - Abstract #49

Imaging Modalities for Preoperative Location of Parathyroid Adenomas: Increasing Efficiency

Molly Croswell - Abstract #45

Good Vibes, Healthy Lives: A Community-Based Lifestyle Medicine Curriculum for School-Aged Children

Evelyn Farah - Abstract #19

CircRNA Profiles Reveal Race Specific Biomarkers in African American Breast Cancer Patients

Cooper Kuess - Abstract #96

The Effect of Social Drivers of Health on HgbA1c Reduction in the Wellness and Empowerment for Women Program at Prisma Health in Greenville, South Carolina

Danny Pharm - Abstract #70

Patients with Higher Preoperative ASES Scores have a Lower Chance of Achieving Successful Outcomes After Arthroscopic Rotator Cuff Repair

Shrika Ravichandran - Abstract #78

Promoting Growth While Avoiding Hyperglycemia in Neonates: an algorithm approach

Abigail Rohr - Abstract #52

In Vitro Characterization of Glioblastoma Inflammatory Signatures: Insights into Resistance and Model Selection

Yash Verma - Abstract #107

Gene Expression Profiles of Human Macrophages Reveal Insights into Pathogenesis of Necrotizing Fasciitis-associated Acineto-bacter baumannii

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