

Prisma Health–Upstate Health Sciences Center

Research Showcase

Accepted Abstracts and Awardees

April 12, 2019

Awardees

Best Overall Research - *Insurance Status Influence on Discharge Location and Length of Stay After Ischemic Stroke* by John Barrara, University of South Carolina School of Medicine Greenville; Taylor Lucas, University of South Carolina School of Medicine Greenville; Bryce Blum, University of South Carolina School of Medicine Greenville; Christine Schammel, Department of Pathology/Pathology Associates; Lee Madeline, Prisma Health; Kevin Kopera, Prisma Health; Shannon Sternberg, Prisma Health; Michael Lynn, Prisma Health; Ryan Hakimi, Prisma Health

Runner-Up Best Overall Research - *GISTs and Bariatric Surgery: A Tale of Observation* by Jocelyn Tisch, University of South Carolina School of Medicine Greenville; Zoe Rogers, Wake Forest University; Christopher Wilson, Clemson University; Christine Schammel, Department of Pathology/Pathology Associates; Steve Trocha, Prisma Health

Best Investigation in Transformative Health - *Interactive Insulin Teaching by Pharmacists Prior to Hospital Discharge* by Jessica Odom, Prisma Health, Pharmacy; Sandra Weber, Prisma Health; Alyson Burns, Prisma Health; Melissa Fair, Furman University; Megan Probst, Furman University; Melanie Sutherland, Furman University, Department of Nursing

Best Investigation in High Value Care - *Cementless versus Cemented Hemiarthroplasty for Displaced Femoral Neck Fractures in Elderly Patients* by Andrew Poole, Prisma Health; Dean Weich, Prisma Health; Stephanie Tanner, Prisma Health–Upstate; Kyle Jeray, Prisma Health; John Adams, Prisma Health

Recognition for Patient Engagement in Research Runner-up - *Patient Perspectives on the Implementation of Group Medical Visits for Type 2 Diabetes Mellitus at a Community-Based Primary Care Clinic* by Shannon Taylor, Prisma Health, Department of Family Medicine; John Emerson, Prisma Health; Jessica Odom, Prisma Health; Ann Blair Kennedy, University of South Carolina School of Medicine Greenville; Kelsey Williams, University of South Carolina

Recognition for Patient Engagement in Research - *Development of RunRA: A Mobile Application Designed to Improve the Active-Management of Rheumatoid Arthritis* by Melanie Cozad, University of South Carolina Arnold School of Public Health; Gulzar Merchant, Prisma Health; Kaitlyn Crosby, University of South Carolina; Rasmine Baker, University of Pittsburgh

Patient Engagement Champion - Peggy Wagner, PhD, Professor Emerita, University of South Carolina School of Medicine Greenville

Health Sciences Center



Outstanding Medical Student Research - *Insurance Status Influence on Discharge Location and Length of Stay After Ischemic Stroke* by John Barrara, University of South Carolina School of Medicine Greenville; Taylor Lucas, University of South Carolina School of Medicine Greenville; Bryce Blum, University of South Carolina School of Medicine Greenville; Christine Schammel; Department of Pathology/Pathology Associates; Lee Madeline, Prisma Health; Kevin Kopera, Prisma Health; Shannon Sternberg, Prisma Health; Michael Lynn, Prisma Health; Ryan Hakimi, Prisma Health

Outstanding Nursing Scholar Research - *The Impact of Remote Telepresence Robotics (RTR) on Interprofessional Collaboration Satisfaction and Care Decisions* by Janice Lanham, Clemson

University, School of Nursing; Anna Katsis, Clemson University, School of Nursing; Taylor Pannal, Clemson University, School of Nursing; Anna Elise Scott, Clemson University, School of Nursing

Outstanding House Staff Research - *Impact of the "39 week Rule" on Neonatal Outcomes: A Statewide Analysis* by Ryan Batson, Prisma Health–Upstate, Department of Obstetrics and Gynecology; Caroline Cochrane, Prisma Health; Meredith Aragon, Prisma Health; Stella Self, Prisma Health; Molly Bedenbaugh, Prisma Health; Kacey Eichelberger, Prisma Health; Katheryn Isham, Prisma Health

Outstanding Research Team Member - Tranaka Fuqua, MBA, BSN, RN, *clinical research nurse, Prisma Health Cancer Institute*

Health Sciences Center



Abstracts

"Let's Talk": A Pilot Study of Oncology Nurse Compassion Fatigue and Burnout

Tranaka Fuqua, Prisma Health Cancer Institute; Chelsea LeNoble, Clemson University, Department of Psychology; Audrey Ann Crocker, Clemson University, Department of Health Science; Chloe Wilson, Clemson University, Department of Psychology; Elissa Johnson, Department of Psychology; Thomas Britt, Clemson University, Department of Psychology; Donald Wiper, Prisma Health–Upstate

A Chain Reaction: Middle Schoolers Reflect on their Social Environment through Acts of Kindness

Sarah F. Griffin, Clemson University; Laura J. Rolke, Clemson; Jackie Cassidy, Prisma Health; Jacqueline Forrester, Prisma Health; Mackenzie Stuenkel, Clemson University; Kerry A. Howard, Clemson University; Kerry K. Sease, Prisma Health

Addressing Burnout in a Family Medicine Residency Clinic: Scribe Model vs Traditional Care Model

Joy Shen-Wagner, Prisma Health–Upstate, University of South Carolina School of Medicine Greenville; Drew Albano, Prisma Health–Upstate, University of South Carolina School of Medicine Greenville; Joel Amidon, Prisma Health; Stephen Carek, Prisma Health; Molly Benedum, Furman University, Prisma Health

An Algebraic Approach to the Network Inference Problem

Matthew Macauley, Clemson University, Department of Mathematical Sciences

An Investigation of The Effectiveness of Virtual Agents for Family Health History Collection for Geriatric Population

Amal Ponathil, Clemson University, Department of Industrial Engineering; Jeffrey Bertrand, Clemson University; Brandon Welch, Medical University of South Carolina; Kapil Chalil Madathil, Clemson University

Analyzing the Efficacy of VR to Mitigate Acute Pain and Anxiety in Knee Arthroplasty Patients

Vishnunarayan Girishan Prabhu, Clemson University, Department of Industrial Engineering, Laura Stanley, Clemson University; Robert Morgan, Prisma Health; Josh Biro, Clemson University

Arteriovenous Access Creation for Long-Term Therapeutic Apheresis: Reassessment is Warranted

Christopher Cordes, Prisma Health; Jay Sexton, Prisma Health; Christopher Carsten, Prisma Health

Assessing Patient-Reported Outcome Measures and the Value of Musculoskeletal Improvement for Patients with Knee Disability

Alicia Oostdyk, University of South Carolina; Sarah Floyd, University of South Carolina; Melanie Cozad, University of South Carolina; John Brooks, University of South Carolina; Brian Burnikel, Prisma Health; Paul Siffri, Prisma Health

Assessment of a Bio-Adhesive Mesh System for Mesh Fixation During Hernia Repair

Melinda Harman, Clemson University, Department of Bioengineering; William Cobb, Prisma Health; Kevin Champaigne, Circa Bioscience, LLC; Lucy Lu, Clemson University; Varun Chawla, Circa Bioscience, LLC; Igor Luzinov, Clemson University; Jiro Nagatomi, Clemson University

Blood Glucose Changes in Patients Undergoing Hyperbaric Oxygen Therapy: A Retrospective Study

Dotan Shvorin, Clemson University; Michael Ramsey, Prisma Health; Ronald Pirralo, Prisma Health; Kevin Taaffe, Clemson University; Robert Hulse, Clemson University, Department of Biological Sciences; Kayla Adkins, Clemson University

Ceftriaxone versus Standard of Care for Definitive Treatment of Methicillin-Susceptible Staphylococcus aureus Infections

Jessica Snawerdt, Prisma Health, Pharmacy; Sarah Withers, Prisma Health; John Schrank, Prisma Health; Jun Wu, Presbyterian College of Pharmacy

Cementless versus Cemented Hemiarthroplasty for Displaced Femoral Neck Fractures in Elderly Patients

Andrew Poole, Prisma Health; Dean Weich, Prisma Health; Stephanie Tanner, Prisma Health–Upstate; Kyle Jeray, Prisma Health; John Adams, Prisma Health

Coating Orthopedic Implants with an Epoxy Based Ph Sensitive Layer to Image Ph Changes on Implant Surface Through Tissue Using X-Ray Excited Luminescent Chemical Imaging

Unaiza Uzair, Clemson University, Department of Chemistry; Jeffrey Anker, Clemson University, Prisma Health

Cognition in Multiple Myeloma Patients

Sara Roman, Prisma Health Cancer Institute

Compared to Chemotherapy, How Does Hormonal Therapy Affect Growth of Lean Muscle Mass?

Jason Morrow, Prisma Health Cancer Institute - Center for Integrative Oncology & Survivorship (CIOS); Emily Kibler, Clemson University; Regina Franco, Prisma Health; Pamela Cloys, Prisma Health; Noreen Denham, Prisma Health

Complete Neurologic Recovery in Severe Ethylene Glycol Poisoning with Alcohol Co-Ingestion

Ahmer Ansari, Prisma Health–Upstate, Department of Medicine; Antine Stenbit, University of South Carolina School of Medicine, Prisma Health

Computational modeling of DNA variants in Mu- and Delta-opioid receptors linked with opioid addiction risk

Mahesh Koirala, Clemson University, Department of Physics and Astronomy; H. B. Mihiri Shashikala, Clemson University; Krystina Yoder, Greenville Memorial Medical Center; William Hand, Greenville Memorial Medical Center; Emil Alexov, Clemson University

Concussion Symptom Reporting Across Age Levels and Gender

Thomas Johnson, University of South Carolina School of Medicine Greenville; Eric Bankert, Prisma Health; Franklin Sease, Prisma Health; Vicki Nelson, University of South Carolina School of Medicine, Prisma Health

Creating Space for Meaningful Dialogue: the Between Two Palms Event Program

Eliza Hardy, University of South Carolina School of Medicine Greenville; Julia Moss, University of South Carolina School of Medicine Greenville; Ann Blair Kennedy, University of South Carolina School of Medicine Greenville

Data Integration Strategies to Evaluate Clinical Relevance of Genetic Variants

Satishkumar Ranganathan Ganakammal, Clemson University, School of Nursing; Healthcare Genetics; Emil Alexov, Clemson University

Delayed Gastric Emptying Post Esophagectomy: A Single Institution Experience

Allison Frederick, University of South Carolina School of Medicine Greenville; William Lorenz, University of South Carolina School of Medicine Greenville; Stella Self, Clemson University; Christine Schammel, Department of Pathology/Pathology Associates; William Bolton, Prisma Health; James Stephenson, Prisma Health; Sharon Benor, Prisma Health

Detection of Biomarkers Using a Hydrogel Biosensor with a Biopsy Marker Clip

Uthpala Wijayaratna, Clemson University, Department of Chemistry; Sachindra D. Kiridena, Clemson University; M. D. Arifuzzaman, Clemson University; Caleb J. Behrend, OrthoArizona; Jeff Edenfield, Prisma Health; Jeffrey N. Anker, Clemson University

Developing a Knitted, Antibacterial Wound Dressing Contact Layer for Infection Management

Elizabeth Gianino, Clemson University, Department of Bioengineering

Development of a Vibrationally Optimized Football Helmet

Willaim Ferriell, Clemson University, Department of Bioengineering

Development of RunRA: A Mobile Application Designed to Improve the Active-Management of Rheumatoid Arthritis

Melanie Cozad, University of South Carolina Arnold School of Public Health; Gulzar Merchant, Prisma Health; Kaitlyn Crosby, University of South Carolina; Rasmine Baker, University of Pittsburgh

Diabetes Transition of Care Project

Stephen Franks, Prisma Health, Department of Medicine

Differentiation Between Euploid and Aneuploid Human Embryos Based on Cell-Free DNA Content and Apoptotic Gene Expression in Blastocoel Fluid-Conditioned Media

Renee Chosed, University of South Carolina School of Medicine Greenville; Arnav Lal, University of South Carolina; Jonathan Blalock, University of South Carolina; William Roudebush, University of South Carolina

Eating Behaviors in Early Childhood: Lunchtime Observations with Preschool Students

Laura J. Rolke, Clemson University; Mackenzie Stuenkel, Clemson University; Jacqueline Forrester, Prisma Health; Kerry McKenzie, Prisma Health; Sarah F. Griffin, Clemson University; Kerry K. Sease, Prisma Health

EHR/Computer Etiquette Training for Medical Learners

Meenu Jindal, Prisma Health–Upstate, Department of Medicine; April Brown, Prisma Health

Elective Induction of Labor in Nulliparous Women: A Survey of Provider Practices and Beliefs

Meredith Aragon, Prisma Health–Upstate, Department of Obstetrics and Gynecology; Caroline Cochrane, Prisma Health; Ryan Batson, Prisma Health; Stella Self, Clemson University; Molly Bedenbaugh, University of South Carolina School of Medicine Greenville; Kathryn Isham, Prisma Health; Kacey Eichelberger, Prisma Health

Evaluating Elbow Range of Motion with Smartphone App, Universal Goniometer, and Surgeon Visual Estimation

Clark Walker, Prisma Health; Michael Sims, Prisma Health; Stephanie Tanner, Prisma Health–Upstate, Department of Orthopaedics; Kyle Jeray, Prisma Health; David Lazarus, Prisma Health

Eye-tracking and Evaluation of Mobile Healthcare Applications for Rheumatoid Arthritis: A Research Synthesis

Kathryn McGowin, Furman University; Jeanine Stratton, Furman University; Melanie Cozad, University of South Carolina Arnold School of Public Health

Family Medicine Physician Perceptions on the Utilization of the Team Care Model in Patient Care

Drew Albano, Prisma Health, University of South Carolina School of Medicine Greenville, Department of Family Medicine; Joy Shen-Wagner, University of South Carolina, Prisma Health; Stephen Carek, University of South Carolina, Prisma Health

Feasibility Study of Protein Biomarkers for the Noninvasive, Rapid, and Accurate Diagnosis of Endometriosis

William Abel, University of South Carolina School of Medicine Greenville; Bruce Lessey, Prisma Health; Anna Blenda, University of South Carolina

GISTs and Bariatric Surgery: A Tale of Observation

Jocelyn Tisch, University of South Carolina School of Medicine Greenville; Zoe Rogers, Wake Forest University; Christopher Wilson, Clemson University; Christine Schammel, Department of Pathology/Pathology Associates; Steve Trocha, Prisma Health

Hazing and Mental Health in Intercollegiate Athletics

Joseph Crisman, University of South Carolina School of Medicine Greenville

Identification of the Barriers to the Care of the HIV/AIDS Patients in the Upstate Region of South Carolina: A Provider Perspective

Sahand Vafadary, Prisma Health–Upstate, Department of Family Medicine; Vicki Nelson, Prisma Health; Molly Benedum, Prisma Health; Xiyan Tan, Prisma Health; Alex Ewing, Prisma Health

Identifying the Impact of Movement and Air Disturbance in the Operating Room

Kevin Taaffe; Clemson University, Department of Industrial Engineering; Larry Fredendall, Clemson University; Robert Allen, Prisma Health; Marisa Shehan, Clemson University; Emily Huffer, Clemson University; Paige Fetchen, Clemson University; Taliyah Smith, Clemson University; Alexis Fiore, Clemson University; Alejandro Padro, Clemson University

Impact of the "39 week Rule" on Neonatal Outcomes: A Statewide Analysis

Ryan Batson, Prisma Health–Upstate, Department of Obstetrics and Gynecology; Caroline Cochrane, Prisma Health; Meredith Aragon, Prisma Health; Stella Self, Prisma Health; Molly Bedenbaugh, Prisma Health; Kacey Eichelberger, Prisma Health; Kathryn Isham, Prisma Health

Implementation of Free Clinic Service as a Training Opportunity for Emergency Medicine Residents

Julia Moss, University of South Carolina School of Medicine Greenville; Eliza Hardy, University of South Carolina School of Medicine Greenville; E. Page Bridges, Prisma Health

Improving Patient Flow in High Volume, Multi-Resource Healthcare Systems

Haleigh Alexander, Clemson University, Department of Industrial Engineering; Kevin Srimoungchanh, Clemson University; Katie Minichan, Clemson University; Morgan Smith, Clemson University; Dotan Shvorin, Clemson University, Prisma Health; Kevin Taaffe, Clemson University, Prisma Health; Michael Ramsay, Prisma Health; Eric Ossmann, Prisma Health; Ronald Pirallo, Prisma Health; Matthew Bitner, Prisma Health

Increased Opioid Use following Rotator Cuff Repair Associated with Prior Opioid Use and Surgeon Prescription Patterns

Cole Chapman, CerORTHO; Jared Hudspeth, Prisma Health; Michael Kissenberth, Prisma Health; Charles Thigpen, ATI Physical Therapy

Inpatient Link to Addiction Recovery

Kathryn Dumas, University of South Carolina School of Medicine Greenville; Kaileigh Bryne, Clemson University; Lauren Demosthenes, Prisma Health; Prerana Roth, Prisma Health

Insurance Status Influence on Discharge Location and Length of Stay After Ischemic Stroke

John Barrara, University of South Carolina School of Medicine Greenville; Taylor Lucas, University of South Carolina School of Medicine Greenville; Bryce Blum, University of South Carolina School of Medicine Greenville; Christine Schammel, Department of Pathology/Pathology Associates; Lee Madeline, Prisma Health; Kevin Kopera, Prisma Health; Shannon Sternberg, Prisma Health; Michael Lynn, Prisma Health; Ryan Hakimi, Prisma Health

Interactive Insulin Teaching by Pharmacists Prior to Hospital Discharge

Jessica Odom, Prisma Health, Pharmacy; Sandra Weber, Prisma Health; Alyson Burns, Prisma Health; Melissa Fair, Furman University; Megan Probst, Furman University; Melanie Sutherland, Furman University; Department of Nursing

Investigating the Effects of Missense Mutations in MSH2 Gene Associated with Lynch Syndrome

Bohua Wu, School of Nursing, Clemson University; Yunhui Peng, NIH; Julia Eggert, Clemson University; Veronica Parker, Clemson University; Emil Alexov, Clemson University

Is Perceived Cardiovascular Risk Associated with Biochemical Markers or Self-Rated Health Among College-Aged Adults?

Haley Park, Furman University; Elizabeth Holt, Furman University; Anna Cass, Furman University

Macrocognition: A Framework for Optimal ICU Design and Interprofessional Team Interactions--From Method to Theory Development- mHCBE

Susan O'Hara, Clemson University, School of Nursing; Patterson Emily, Ohio State University; Robin Toft Klar, New York University; Jim Fackler, Johns Hopkins School of Medicine; Judy Ascenzi, Johns Hopkins Hospital

Micromotion and Strength of the Glenoid Component in Reverse Total Shoulder Arthroplasty: Optimal Clinical Positioning with Preoperative Planning Software is Biomechanically Superior in the Simulated B2 Model

Shannon Hall, Clemson University; David Baxley, Clemson University; Michael Kissenberth, Steadman Hawkins Clinic of the Carolinas, Prisma Health; John Tokish, Mayo Clinic Arizona; Stephan Pill, Prisma Health; John DesJardins, Clemson University

Monitoring Ovine Intertrochanteric Fracture Stability with a Strain-Sensing Dynamic Hip Screw

Nathan Carrington, Clemson University, Department of Bioengineering; Paul Milhouse, Clemson University; Caleb Behrend, Virginia Tech Carillion School of Medicine; Tom Pace, Prisma Health; Kyle Jerry, Prisma Health; Jeffrey Anker, Clemson University; John DesJardins, Clemson University

Movement in Middle School - Application of the Transtheoretical Model in Assessing Physical Activity Barriers and Behaviors

Laura J. Rolke, Clemson University; Kerry A. Howard, Clemson University; Jacqueline Forrester, Prisma Health; Sarah F. Griffin, Clemson University; Tracy Waters, Furman University; Kerry Sease, Prisma Health

Non-Lethal Inhibition of *Bacteroides dorei* strains, a Clinically Relevant Species Associated with Type 1 Diabetes, using the α -Amylase Inhibitor Acarbose

Anthony Santilli, Clemson University, Department of Chemistry; Kristi Whitehead, Clemson University; Daniel Whitehead, Clemson University

Obstructive Sleep Apnea and White Matter Hyperintensities: Correlation or Causation?

Trevor Vandewater, University of South Carolina School of Medicine Greenville; Noah Schammel, University of South Carolina School of Medicine Greenville; Christopher Wilson, Clemson University; Stella Self, Clemson University; Christine Schammel, Department of Pathology/Pathology Associates; Ronald Cowley, Prisma Health; Dominic Gault, Prisma Health; Lee Madeline, Prisma Health

One Size Does Not Fit All Burnout: Investigating the Use of Profiles for Identifying and Reducing Burnout in Healthcare Leaders

Michelle Flynn, Clemson University, Psychology; Marissa Shuffler, Clemson University; Allison Traylor, Rice University; Sharon Wilson, Prisma Health; Donald Wiper, Prisma Health

Opioid Utilization in the Obstetric Setting: A Survey of Provider Practice and Opinion at the Greenville Health System

Bryan Brooks, Prisma Health, University of South Carolina School of Medicine Greenville; Alex Ewing, Prisma Health; Kacey Eichelberger, Prisma Health

Patient Perspectives on the Implementation of Group Medical Visits for Type 2 Diabetes Mellitus at a Community-Based Primary Care Clinic

Shannon Taylor, Prisma Health, Department of Family Medicine; John Emerson, Prisma Health; Jessica Odom, Prisma Health; Ann Blair Kennedy, University of South Carolina School of Medicine Greenville; Kelsey Williams, University of South Carolina

Patient Satisfaction of ERAS Perioperative Protocol in GYN-Oncology Surgery

Shaina Long, Prisma Health, Department of Obstetrics and Gynecology; Ramsey Ugarte, University of South Carolina School of Medicine Greenville; Larry Puls, Prisma Health; Jeffrey Elder, Prisma Health; Alex Ewing, Prisma Health

Perceived Activities and Participation Outcomes of a Yoga Intervention for Individuals with Parkinson's Disease: A Mixed Methods Study

Brent Hawkins, Clemson University, Parks, Recreation, and Tourism Mgmt.; Marieke Van Puymbroeck, Clemson University; Alysha Walter, Clemson University; Julia Sharp, Colorado State University; Kathleen Woschkolup, St. Francis Hospital; Enrique Urrea-Mendoza, Prisma Health, Department of Medicine; Fredy J. Revilla, Prisma Health; Arlene Schmid, Colorado State University, Fort Collins

Platelet-Activating Factor Reduces Caspase-3 Activity and Enhances Embryo Development in the Sea Urchin (*Lytechinus variegatus*)

William Roudebush, University of South Carolina School of Medicine Greenville; Arnav Lal, University of South Carolina School of Medicine Greenville; Jonathan Blalock, University of South Carolina; Renee Chosed, University of South Carolina

Pregestational Diabetes Mellitus Pilot Study with Diabetes Self-Management (DSMP) and Wireless Enabled Meter

Amanda Brauss, Prisma Health–Upstate, Department of Obstetrics and Gynecology, University of South Carolina School of Medicine–Greenville; Megan Schellinger, University of South Carolina, Prisma Health; Jessica Odom, Prisma Health; Casey Fiocchi, Prisma Health; Kathleen Fincher, Prisma Health; Hannah White, Prisma Health; Michelle Stancil, Prisma Health; Thompson Gailey, Prisma Health; Alex Ewing, Prisma Health; Allison Heustess, University of South Carolina College of Pharmacy

Prevalence of Hypertensive Blood Pressure Amongst High School Athletes

Yathavan Rajakulasingam, Prisma Health, Department of Family Medicine; Mashala Temas, Prisma Health; Thomas Berault, University of South Carolina; Keiko Cooley, University of South Carolina, Prisma Health

Psychophysiological Monitoring During Neurofeedback Training in Children with Autism Spectrum Disorder: Pilot Study

Estate Sokhadze, University of South Carolina School of Medicine Greenville, Desmond Kelly, Prisma Health; Meghan Doyle, Prisma Health; Manuel Casanova, University of South Carolina

Quantifying the Shear Modulus of 3D Printed Materials for Use in Foot Orthotics

Kyle Walker, Clemson University, Department of Bioengineering; John DesJardins, Clemson University; Bianca Montano, University of Texas El Paso

Robotic Excision of Intralobar Pulmonary Sequestration

William Lorenz, University of South Carolina School of Medicine Greenville; Allison Frederick, University of South Carolina School of Medicine Greenville; Christine Schammel, Department of Pathology/Pathology Associates; William Bolton, Prisma Health; James Stephenson, Prisma Health; Sharon Ben-Or, Prisma Health

Robotic Extended Totally Extraperitoneal (eTEP)

Approach: Evolution of Robotic Ventral Hernia Repair

Marcia Alayon-Rosario, Prisma Health, Minimally Invasive Surgery, Department of Surgery; Jeremy A. Warren, Prisma Health; Alfredo M. Carbonell, Prisma Health;

Savi Scout Radar Breast Localization: Prisma Health Experience and Outcomes

Joseph Tingen, Prisma Health, Department of Surgery; Brian McKinley, Prisma Health

Selected reaction monitoring mass spectrometry (SRM-MS) evaluation of HER2 Equivocal Breast Cancer

Krupa Merchant, University of South Carolina School of Medicine Greenville; Julie Martin, Prisma Health; K. Chung, Prisma Health; L. M. Drusbosky, NantOmics; M. H. Elliott, NantOmics; S. Reddy, NantHealth; C. Szeto, NantHealth; Jeff Edenfield, Prisma Health; Christine Schammel, Department of Pathology/Pathology Associates; David Schammel, Pathology Associates

Systematic Review of Decision Aids for Colorectal Cancer Screenings

Nyrobi Tyson, Furman University; Anna Nourse, Prisma Health; Cassie Craddock, Prisma Health; Alicia Oostdyk, Prisma Health; Meenu Jindal, Prisma Health; Matthew Hudson, Prisma Health; Melanie Cozad, Prisma Health

The Impact of Remote Telepresence Robotics (RTR) on Interprofessional Collaboration Satisfaction and Care Decisions

Janice Lanham, Clemson University, School of Nursing; Anna Katsis, Clemson University, School of Nursing; Taylor Pannal, Clemson University, School of Nursing; Anna Elise Scott, Clemson University, School of Nursing

The Knowledge, Attitude and Perception of Resident physicians in regards to Cannabis

Jessica Knapp, Prisma Health; Meenu Jindal, Prisma Health

The Transactional Model of Stress and Coping Applied to EM Physicians' Coping, Mental Health, and Job-Related Outcomes: A Qualitative Systematic Review

Karyn Jones, Clemson University, Department of Public Health Sciences; Alex Neal, George Washington University; Janessa McElfresh, Clemson University; Emily Andreasen, Medical University of South Carolina; Carlyn Owens, Trevecca University; Robert Sinclair, Clemson University; Mark Pittman, Prisma Health

Through the Eyes of Medical Students: What is Success in Medical Education? A PhotoVoice Study

Christen Hairston, Prisma Health—Upstate; Emily Northey, University of South Carolina; Susan Orr, University of South Carolina, Prisma Health

Towards a Patient-Specific Model of Multiple Myeloma

Katrina Harmon, University of South Carolina School of Medicine Greenville; Matthew Kavolus, University of South Carolina; Joshua Muccitelli, University of South Carolina School of Medicine Greenville; Sara Roman, Prisma Health; Rich Goodwin, University of South Carolina; Sergio Arce, University of South Carolina; Suzanna Fanning, Prisma Health

Towards In-Silico Measurement of Hepatic Venous Pressure as a Non-Invasive Diagnostic Tool for Predicting Portal Hypertension

Mehrdad Yousefi, Clemson University, Department of Material Science and Engineering; Ulf Schiller, Clemson University; Michael Devane, Prisma Health; Gary Abrams, Prisma Health

Understanding Community Health Needs at Monaview Elementary with the Goal of Improving Health Knowledge and Behaviors at a Title I Elementary School

Allison Kranyak, University of South Carolina School of Medicine Greenville; Karen Kemper, Clemson University; Brian Helsel, Clemson University; Kyle White, Clemson University; Sophia Lamb, Clemson University; Violet Kryshak, Clemson University; Fernando Gonzalez, University of South Carolina; Victoria Vazquez, University of South Carolina

Understanding Emergency Medicine Physicians' Physiological Response to Distractions during Emergency Department Clinical Care

Sydney Hughes, Clemson University; Kayla Adams, Clemson University; Alexandra Smith, Clemson University; Daniel Ross, Clemson University; Shivani Surusani, Clemson University; Ronald Pirallo, Prisma Health; Dotan Shvorin, Clemson University, Prisma Health; Vishnunarayan Prabhu, Clemson University; Larissa Coldebella, Prisma Health; Angelo Perino, Prisma Health

Understanding the Impact of Luminous Skylights on Physiological and Psychological Performance of Physicians in the Operational Environment of the Emergency Medicine Department

Irene Kakouras, Clemson University; Holly Coker, Clemson University; Kate Tolleson, Clemson University

Use of Web-based Intervention in Relieving the Burden of Urinary Incontinence

Nicole Davis, Clemson University, School of Nursing; Kapil Madathil, Clemson University; Cheryl Dye, Clemson University; Veronica Parker, Clemson University; Margaret Christy, Clemson University; Eve Poetzschke, Clemson University; Christina Superdock, Clemson University

Using In vitro Cadaver Simulations to Quantify Load Variability During Surgeon Passive Flexion After TKR

Zachary Hargett, Clemson University; Manuel Gutierrez, Clemson University; Kyle Snethen, Clemson University; James Cameron, Prisma Health; Kyle Jeray, Prisma Health; Rob Carlisle, Prisma Health; Melinda Harman, Clemson University

Virtual Reality as a Mental Health Intervention for Adolescent and Young Adult Cancer Patients

Joshua Biro, Clemson University, Department of Industrial Engineering

Wheezing Wisdom: Analysis and Outcomes of Adolescent Asthma Transition

Ryan Dean, Prisma Health–Upstate, Internal Medicine–Pediatrics; Russ Kolarik, Prisma Health; Sarah Hinton, Prisma Health