



Research, Innovation  
& Scholarly Endeavors

*The USF Health  
Morsani College of Medicine  
7<sup>th</sup> Annual Gallery of Scholarship  
celebrates the breadth and depth of  
scholarly activity by our students.  
We anticipate that these experiences  
have broadened our students' horizons  
such that they have a greater understand-  
ing of, and are sensitive to, the medical  
journeys of their patients.  
Ultimately, we hope that our students  
will be lifelong scholars as they  
move forward in their careers.*

*Class of 2018*

Gallery of Scholarship

**Students who have been inducted into the Robert A. Good Honor Society (RGHS) are acknowledged by the inclusion of the RGHS Discovery Torch.**



**Anam Ahmed, SELECT**

**Capstone:** Evaluating Existing Efforts to Implement Quality Indicators in Behavioral Health Settings

**Mentor:** Edward Norris, MD, LVHN Dept. of Psychiatry

**Katherine Allen, Core/Medical Education**

**SCP Capstone:** Comparison of Medical Student Burnout Rates in a Pass/Fail vs. Four-Tiered Pre-Clerkship Grading System

**Mentor:** Danielle Gulick, PhD, USF Dept. of Molecular Medicine

**Brian Atkinson, Core/Health Disparities**

**SCP Capstone:** Review of Hypertension Management at USF BRIDGE Clinic

**Mentor:** Eduardo C. Gonzalez, MD, USF Dept. of Family Medicine

**Aleksandra Bacewicz, SELECT**

**Capstone:** A Multi-Methodological Examination of Perceptions Surrounding Advance Care Planning (ACP)

**Mentor:** Nicole Defenbaugh, PhD, LVHN Dept. of Family Medicine

**Timothy Batchelor, SELECT**

**Capstone:** Lack of Gender Differences in Prevalence of Homelessness in the LVHN Emergency Department Population

**Mentor:** Marna Greenberg, DO, MPH, LVHN Dept. of Emergency Medicine

**Elizabeth Beaty, SELECT**

**Capstone:** Inherent Gender Bias in Medicine: Outcomes of Providing Implicit Bias Education to Third Year Medical Students

**Mentor:** Kristin Bresnan, MD, LVHN Dept. of Family Medicine

**Adarsh Bellur, Core/Biomedical Research**

**SCP Capstone:** Trends & Outcomes in the Treatment of Peripheral Arterial Disease Among the Elderly Population in the State of Florida

**Mentor:** Peter R. Nelson, MD, MS, USF Depts. Molecular Pharmacology & Physiology and Surgery

**Michael Binner, Core/Innovation, Entrepreneurship, & Business in Medicine**

**SCP Capstone:** Residual Curvature After Penile Prosthesis: The Role of the Peyronie's Patch Grafts

**Mentor:** Rafael E. Carrion, MD, USF Dept. of Urology

**Vanessa Bray, Core/ Medical Humanities**

**SCP Capstone:** Pediatric Dilemmas in Visual and Verbal Media Representations

**Mentor:** Vinita Kiluk, MD, USF Dept. of Pediatrics

**O'Shaine Brown, Core/International Medicine**

**SCP Capstone:** Seroepidemiology of Hepatitis among Patients Receiving Care at Kasturba Hospital in Mumbai India

**Mentors:** Rahul Mhaskar, MPH, PhD USF Dept. of Internal Medicine and Lynette Menezes, PhD, AVP for Medicine International

## Special Thanks

Charles Lockwood, MD, MHCM

Senior Vice President, USF Health

Dean, USF Health Morsani College of Medicine

Bryan A. Bognar, MD, MPH, FACP

Vice Dean for Educational Affairs

USF Health Morsani College of Medicine

Stephen B. Liggett, MD

Associate Vice President for Research

USF Health

**Chelsea Torres, SELECT**

**Capstone:** 30-Day Readmission Rate Analysis in the Lehigh Valley Children's Hospital  
**Mentor:** Liborio LaRussa, MD, LVHN Dept. of Pediatrics

**Jerry Trotter, Core**

**Title:** Evaluating the Attentional Bias to Social Threats in Persons with Social Anxiety Disorder  
**Mentor:** Glenn Currier, MD, MPH, USF Dept. of Psychiatry and Behavioral Neurosciences

**Joseph Wasselle, SELECT**

**Capstone:** Implementation of a Surgical Site Infection Bundle at the LVHN Children's Hospital  
**Mentor:** Marybeth Browne, MD LVHN Dept. of Pediatric Surgery

**Cristina Calogero, SELECT**



**Capstone:** Implementing a Screening Tool in the Emergency Room as a Way to Detect the Prevalence of Homelessness and Better Care for the Homeless Population  
**Mentor:** Marna Greenberg, DO, MPH, LVHN Dept. of Emergency Medicine

**Nicholas Castner, Core**

**Title:** Interstitial Mycosis Fungoides: A Rare Histopathological Variant of the Most Common Cutaneous T-Cell Lymphoma  
**Mentor:** Lucia Seminario-Vidal, MD, PhD, USF Dept. of Dermatology

**Zachary Christopher, Core/Biomedical Research**

**SCP Capstone:** Pre-Referral Biopsies of Soft Tissue Sarcoma Do Not Delay Time to Treatment at a Cancer Center  
**Mentor:** David Joyce, MD, Sarcoma Program  
H. Lee Moffitt Cancer Center

**Leah Clark, Core/ Biomedical Research**

**SCP Capstone:** Feeding Infants with Neonatal Abstinence Syndrome: Finding the Sweet Spot  
**Mentor:** Kathleen Armstrong, PhD, NCSP, USF Dept. of Pediatric Psychology

**Jordan Davies, SELECT**

**Capstone:** Information Seeking Behavior of Providers in Surgical Specialties at a Community Academic Medical Center  
**Mentor:** Bryan Kane, MD LVHN, Dept. of Emergency Medicine

**Kareem Elsayed, SELECT**



**Capstone:** Addressing the Healthcare Needs of the Lehigh Valley Homeless Population in the Emergency Department  
**Mentor:** Marna Greenberg, DO, MPH, LVHN Dept. of Emergency Medicine

**Shailaja Emani, Core/International Medicine**

**SCP Capstone:** Retrospective Analysis of the Safety and Efficacy of Intracascular WEB Device in the Management of Cerebral Aneurysms at Hull Royal Infirmary  
**Mentor:** Paul Maliakal, MBBS, MRCP, FRCR, Neuro-Radiology  
Hull Royal Infirmary, UK

**Garrett Fitzpatrick, Core/Biomedical Research**

**Capstone:** Hepatocellular Carcinoma with Small Cell Histology: A Rare Mimic of Metastatic Tumors Involving the Liver  
**Mentor:** Kun Jiang, MD, PhD, Anatomic Pathology Program  
H. Lee Moffitt Cancer Center

**Alec Freling, SELECT**

**Capstone:** Multifactorial Approach to Opioid Abuse within the Emergency Department  
**Mentor:** Robert Cannon, DO, LVHN Dept. of Emergency Medicine

**Faris Galambo, Core/Biomedical Research**



**SCP Capstone:** Development of a Co-Culture Injury Model for Studying Vascular Smooth Muscle Cell Migration in Vitro  
**Mentor:** Peter R. Nelson, MD, MS, USF Depts. Molecular Pharmacology & Physiology and Surgery

**Alena Golubkova and Janet Lee, Core/Medical Humanities**

**SCP Capstone:** Project Trust: A Qualitative Study of Physician Trust in Patients  
**Mentor:** Fred Slone, MD, USF Dept. of Internal Medicine

**Naumaan Hafeez, SELECT**

**Capstone:** Physician Burnout, EMR Usage, and Factors Related to Burnout

**Mentor:** J. Howard DeHoff, MD, LVHN Dept. of Internal Medicine

**Ainslee Juarbe, SELECT**

**Capstone:** Empathy, Burnout, and Emotional Intelligence in Incoming USF Pharmacy and Medical Students

**Mentor:** Jeanne Jacoby, MD, LVHN Dept. of Emergency Medicine

**Vidhya Krishnan, SELECT**

**Capstone:** Aspirin for Prevention of Preeclampsia: The Impact of Recommendation Variations from 6 Professional Guidelines on Missed Opportunities for Prophylaxis

**Mentor:** John Smulian, MD, MPH, LVHN Department of Maternal Fetal Medicine

**Alicia Lew, Core/Medical Education**

**SCP Capstone:** The Significance and Efficacy of Teaching About Health Disparities in Pediatrics Residency

**Mentor:** Amy Weiss, MD, MPH, USF Dept. of Pediatrics

**Matthew Mancao, SELECT**

**Capstone:** Identifying Preoperative Factors for the Successful Bariatric Surgery Patient

**Mentor:** Elaine Banerjee, MD, MPH, LVHN Dept. of Family Medicine

**Megan Melody, Core/Biomedical Research**

**SCP Capstone:** Defining Acute Myeloid Leukemia Ontogeny in Older Patients

**Mentor:** Rami Komrokji, MD, Malignant Hematology Program H. Lee Moffitt Cancer Center

**Amanda Copenhaver Moale, Core/Health Disparities**

**SCP Capstone:** Educational Intervention to Enhance Clinician Awareness of Christian, Jewish and Islamic Teachings around End-of-Life Care

**Mentors:** Rab Razzak, MBBS, MD Palliative Medicine Johns Hopkins Hospital and Rahul Mhaskar, MPH, PhD, USF Evidence Based Medicine and Health Outcomes

**Bryce Montané, Core**

**Title:** Comparison of Outcomes after Robotic-Assisted Lobectomy for Pathologic Early versus Late Stage Primary Lung Cancer

**Mentor:** Eric M. Toloza, MD, PhD, Thoracic Surgical Oncology Program H. Lee Moffitt Cancer Center

**Kevin Morgan, Core/Biomedical Research**

**SCP Capstone:** Cardiovascular Complications and Mortality Determinants in Near Drowning Victims: A 5-year Retrospective Analysis

**Mentor:** Enrico M. Camporesi, MD, Florida Gulf-to-Bay Anesthesiology

**Yohan Perera, Core/International Medicine**

**SCP Capstone:** Prevalence of Elevated Intraocular Pressure In Rural Southern Zambia

**Mentor:** Lynette Menezes, PhD, AVP for Medicine International

**John Petosa, SELECT**

**Capstone:** An Analysis of Concussion Management within the Lehigh Valley Health Network Emergency and Pediatric Departments: Needs Assessment and Provider Based Educational Handout

**Mentor:** Neilson Mathews, MD, LVHN Dept. of Family & Sports Medicine

**Abby Pribish, Core/Medical Education**

**Capstone:** Tampa Bay Street Medicine: A Student-Run Street Medicine Organization at the University of South Florida

**Mentor:** Lucy Guerra, MD, USF Dept. of Internal Medicine

**Julia Rauchfuss, Core/Health Disparities**

**SCP Capstone:** fHGeneration: Sustaining the Cedro Galan Health Initiative Through Careers in Healthcare

**Mentor:** Elimarys Perez-Colon, MD, USF Dept. of Internal Medicine and Pediatrics

**Sarah Rawi, SELECT**

**Capstone:** The Effects of Depression on Lehigh Valley Health Network's Commercial and Medicare High-Risk COPD Population for Quality and Utilization Outcome Improvement

**Mentor:** Mark Wendling, MD, LVHN Dept. of Family Medicine

**Ricardo Rendel, Core/Health Disparities**

**SCP Capstone:** Improving the Competitiveness of Underserved Underrepresented Minorities Applying to Health Professional School

**Mentors:** Shirley Smith, MA, and Kevin Casey, MEd, USF Student Diversity & Enrichment (OSDE)

**Carrie Ryan, Core**

**Title:** Transthoracic Anastomotic Leak after Esophagectomy: No Longer a Catastrophe

**Mentor:** Martin D. McCarter, MD, Dept. of Surgical Oncology University of Colorado

**Kaela Schultz and Brian Samuels, Core/International Medicine**

**SCP Capstone:** ERCP Indications and Utilization Trends at Kaen Hospital

**Mentor:** Lynette Menezes, PhD, AVP for Medicine International

**Priscilla Shen, SELECT**

**Capstone:** Update to the QI Assessment of Attending Physician Burnout at Lehigh Valley Health Network (LVHN)

**Mentor:** Suzanne Templer, DO, LVHN Dept. of Infectious Disease

**Monica Stewart, SELECT**

**Capstone:** Information Seeking Behaviors of LVHN Providers: Implications for Future Educational and Resource Interventions

**Mentor:** Bryan Kane, MD, LVHN Dept. of Emergency Medicine

**Lauren Terpak, Core/Medical Education**

**SCP Capstone:** Pre-Collegiate Anatomy and Physiology Curriculum

**Mentor:** Danielle Gulick PhD, Dept. of Molecular Medicine

**Kelly Thomas, SELECT**

**Capstone:** Retrospective Study Assessing Rate of False Positive Endoscopic Retrograde Cholangiopancreatography Performed for Choledocholithiasis and Associated Complications

**Mentor:** Shashin Shah, MD, LVHN Dept. of Medicine & Gastroenterology

**Kavian Toosi, Core**

**Title:** Upstaging and Survival after Robotic-assisted Thoracoscopic Lobectomy for Non-Small Cell Lung Cancer

**Mentor:** Eric M. Toloza, MD, PhD Thoracic Surgical Oncology Program, H. Lee Moffitt Cancer Center