NEW STUDY - Silver AMI

Silver-AMI is a wide scale observational, mixed-methods study of the older (≥75) population examining recovery after a heart attack. The study involves different sets of activities to gain a general understanding of daily lifestyle, memory, and mood prior to cardiovascular incidence. This test employs various methods such as grip strength testing, memory assessment and short distance ambulation. The objective of the study is to give more research attention to the significantly underrepresented age demographic in patients with acute myocardial infarctions.

Through collaboration between MACRO, Yale University and other hospitals across the nation, this study aims to elucidate understanding for the development of recovery strategies in these older patients following a heart attack.

MACRO participation began in March 2015 and has successfully enrolled 5 subjects. Dr. Daniel Forman is the Principal Investigator along with Dr. Marc Simon, and most recently Dr. Saul Silver.

Clinical Research Intern Fundraiser

Thank you to all the clinical staff that assists with research. Your cooperation is vital to our mission of improving care for acutely ill patients through scientific study. We are always available. Please call with any questions or potential candidates for a research study.

Page: (Presby In-house) 7777
Or Long-range 412-958-0957

Save The Date!
June 9, 2015
7:00 PM
220 South Highland Avenue
A dinner fundraiser for our Pitt undergraduate clinical research interns
$40 suggested donation
MACRO Research Students Head to Medical School

Isha Vasudeva

Isha graduated Summa Cum Laude from the University of Pittsburgh in December of 2014 with a Bachelor's of Science in Psychology and a minor in Chemistry. Isha graduated as a member of Phi Beta Kappa Honor Society and Alpha Delta Pi Sorority.

Before joining MACRO she conducted research on nicotine abuse with the Psychology and Neuroscience Departments and was involved in the Pitt Pathfinders organization. While studying at Pitt, Isha was a MACRO Research Assistant for a year. She continued to work with MACRO after her graduation as a Research Specialist and will be beginning medical school at Pitt this fall.

She hopes to practice as an Obstetrician and is very excited to see where her future takes her.

Isha’s interests include: cooking, tennis and Pens Hockey

Michal Hammond

Michal Hammond graduated from the University of Pittsburgh with an Emergency Medicine degree. While studying at Pitt, Michal was a MACRO Research Assistant for a year. She continued to work with MACRO after her graduation as a Research Specialist and will be attending Ross University Medical School in Roseau, Dominica this summer. While she is extremely excited about her move and acceptance, Michal is sad to leave her family at MACRO.

Michal hopes to be back in Pittsburgh in the future as an Emergency Medicine physician.

Barbara Early Receives Chancellor’s Award for Staff for Excellence in Service to the University

The Department of Critical Care Medicine is proud to congratulate Barbara Early on being a recipient of the 2015 Chancellor’s Award for Staff for Excellence in Service to the University. This is the highest award that the University of Pittsburgh grants to staff members in recognition of their outstanding contributions to the University at large.

Read the full story.
Peter Adams, Stacy Stull, and Danyelle Fraser presented their poster *The MACRO Research Assistant Program: A Winning Solution for Acute Care Research and Undergraduate Students* at the 4th Annual Fink Day on March 3rd.

Their work focused on the history, development, and results of the MACRO Clinical Research Intern Program, which employs University of Pittsburgh students as essential component of our research operations. MACRO interns screen the UPMC Presbyterian and Mercy Emergency Departments for eligible patients, facilitate enrollment in select studies, interact with multiple acute care providers to ensure protocol execution, and many other important tasks. Simultaneously, our research interns obtain valuable experiential and didactic education, with 31 going to medical and other healthcare graduate schools over the last 6 years.

**MACRO enrolls 24/7, even on weekends!**

MACRO Coordinators/Clinical Research Interns have enrolled patients in 6 of our studies over the last week and a half. Studies included ATACH II, GRAIL, Progress, Silver AMI, ProACT and PAMPer (see Actively Recruiting Studies on page 3 for a brief description on each study).

**MACRO enrolls 24/7, even on weekends! Clinician referrals always appreciated!**
Actively Recruiting Studies

Presby/Montefiore ICUs
- **EUPHRATES**—Endotoxin filtration using dialysis circuit for septic patients.
  PI – David Huang
- **GRAIL** – A study for prevention of cytomegalovirus (CMV) in patients, who have an established respiratory failure, including ALI, associated with either severe sepsis or trauma.
  PI – Scott Gunn
- **ProGReSS AKI ConsequenceS** – A study looking at the long-term effects of sepsis with a focus on acute kidney injury and cardiovascular outcomes.
  PI – John Kellum & Sachin Yende
- **SILVER-AMI** – Risk Stratification in Older Persons with Acute Myocardial Infarction
  PI – Daniel Forman
- **START** – Assess the safety and efficacy of hMSCs in critically ill patients with Acute Respiratory Distress Syndrome (ARDS)
  PI – Michael Donahoe & Bryan McVerry

Presby/Montefiore Floors
- **ProDiuS** – A study to evaluate if taking diuretics in a standardized fashion could improve health outcomes in patients with cardiorenal failure or cardiorenal syndrome.
  PI – Kelly Liang
- **SILVER-AMI** – Risk Stratification in Older Persons with Acute Myocardial Infarction
  PI – Daniel Forman

Presby Emergency Department
- **ATACH II** – Aggressive vs. standard Blood Pressure Reduction in Hypertensive Intracerebral Hemorrhage.
  PI – Bradley Molyneaux
- **EPIC-MST-188** – The purpose of this research study is to learn if MST-188 can decrease the amount of time patients with Sickle Cell Disease (SCD) experience a Vaso-Occlusive Crisis (VOC).
  PI – Laura Decastro, Co-I – Margaret Hsieh
- **EPR-CAT** – Feasibility of Emergency Preservation and Resuscitation for Cardiac Arrest from Trauma.
  PI – Raquel Forsythe
- **PAMPer** – A study to see if giving a plasma transfusion early in the course of treatment would help lower mortality of severely injured patients that lose a lot of blood (hypovolemic shock).
  PI – Jason Sperry
- **POINT** – To determine the safety and effectiveness of the combination of low-dose aspirin and clopidogrel (Plavix®) in reducing the risk of stroke, heart attacks and other complications in patients who have just had a TIA or minor ischemic stroke.
  PI – Vivek Reddy
- **ProACT** – The study objective is to target emergency department (ED) patients with clinically diagnosed lower respiratory tract infection (LRTI) and test the effects of implementation of a procalcitonin antibiotic guideline for LRTI.
  PI – Aaron Brown
- **SHINE** – A trial designed to test the safety and efficacy of tight glucose management (glu 80-130mg/dL) via continuous infusion of insulin versus control therapy (glu <180mg/dL) via subcutaneous insulin injections in patients that present with hyperglycemia after an acute ischemic stroke.
  PI – Lori Shutter
- **STAAMP** – A study to determine if prehospital infusion of tranexamic acid in patients at risk for bleeding will reduce the incidence of 30 day mortality.
  PI – Jason Sperry
- **STONE** – A study to determine the effect of tamsulosin on the proportion of patients passing a kidney stone as determined by patient report.
  PI – Allan Wolfson

MERCY Emergency Department
- **ProACT** – The study objective is to target emergency department (ED) patients with clinically diagnosed lower respiratory tract infection (LRTI) and test the effects of implementation of a procalcitonin antibiotic guideline for LRTI.
  PI – Aaron Brown
- **SHINE** – A trial designed to test the safety and efficacy of tight glucose management (glu 80-130mg/dL) via continuous infusion of insulin versus control therapy (glu <180mg/dL) via subcutaneous insulin injections in patients that present with hyperglycemia after an acute ischemic stroke.
  PI – Lori Shutter

Shadyside Emergency Department
- **POINT** – To determine the safety and effectiveness of the combination of low-dose aspirin and clopidogrel (Plavix®) in reducing the risk of stroke, heart attacks and other complications in patients who have just had a TIA or minor ischemic stroke.
  PI – Vivek Reddy