Clinical ICU medicine:

Mike McCurdy (drmccurdy@gmail.com):

Dr. McCurdy's clinical research focus is on the diagnosis and treatment of septic shock, including optimal resuscitation strategies and use of angiotensin II as a vasopressor. Dr. McCurdy is also interested in applications of telemedicine to the ICU, critical care delivery in resource-limited settings, and the analysis of the microcirculation in inflammatory states and shock.

Highlighted Publications:


Links:
Dr. Netzer is formally trained in pulmonary and critical care medicine and clinical epidemiology and is Director of Clinical Research for the Pulmonary and Critical Care Medicine Division. His past research focused on risk factors associated with worse outcomes in ARDS. His current research is focused on identifying sources of morbidity among family members of patients in the intensive care unit, concentrating on using validated measures to quantify potential deficits potentially compromising effective decision-making. He serves as Director of Family-Centered ICU care for the University of Maryland Medical Center.

Highlighted Publications:

Links:
Faculty webpage: http://www.medschool.umaryland.edu/profiles/Netzer-Giora/
**Carl Shanholtz** ([Cshanhol@som.umaryland.edu](mailto:Cshanhol@som.umaryland.edu)):

Dr. Shanholtz has had a longstanding interest in improving management of critically ill patients and has a long and successful record of clinical research in critical illness in general, and acute respiratory distress syndrome specifically. Together Dr. Roy Brower, Dr. Shanholtz conducted the phase II clinical trial of low tidal volume ventilation in ARDS on which the ARDSNet ALVEOLI study was based and he has been site director for ARDSnet-I and II. Dr. Shanholtz also studies pain management/sedation pathways and pain assessment in critically ill patients, methods to reduce fluid administration to critically ill patients, and is a co-investigator on Dr. Hasday’s clinical trial of therapeutic hypothermia in ARDS patients.

Highlighted Publications:


Links:


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**Deb Stein** ([dstein@umm.edu](mailto:dstein@umm.edu)):

Dr. Stein’s research is focused on ventilator strategies to prevent respiratory failure following trauma, testing of continuous automated vital sign capture for prediction of outcome following injury and studies of physiological responses to balloon occlusion in hemorrhagic shock.

Highlighted Publications:


Links:
Med School faculty page: http://www.medschool.umaryland.edu/profiles/Stein-Deborah/

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**Michael Terrin (MTERRIN@som.umaryland.edu):**

Dr. Terrin is a pulmonologist and formally trained epidemiologist and clinical trialist who has mentored multiple physicians in the design and execution of large clinical trials. He has been Principal Investigator of the Administrative and Data Coordinating Centers for several large and successful NIH studies including the NHLBI-sponsored Prospective Investigation of Pulmonary Embolism Diagnosis (PIOPED), the Multicenter Study of Hydroxyurea in Sickle Cell Anemia (MSH), and the NHLBI-sponsored Functional Outcomes in Cardiovascular Patients Undergoing Surgical Hip Fracture Repair (FOCUS) Clinical Trial, the NIA-sponsored Non-Invasive Trial of Abdominal Aortic Aneurysm Clinical Trial (N-TA^3CT), NICHD-sponsored AZIP trial, and the NHLBI Progenitor Cell Biology Consortium (PCBC) Administrative Coordinating Center. He is an internationally recognized expert in study design, study organization and management, data management, and data analysis.

Highlighted Publications:


Links:
Med School faculty page: http://www.medschool.umaryland.edu/profiles/Terrin-Michael/