

**CALIFORNIA THORACIC SOCIETY
SOUTHERN CALIFORNIA
ANNUAL EDUCATIONAL CONFERENCE**

**CRITICAL CARE UPDATES:
LIBERATION, PADIS, PCIS AND
BURNOUT**

FRIDAY, OCTOBER 4, 2019

**REGISTRATION, EXHIBITS,
AND BREAKFAST**

Friday, October 4, 2019 – 7:30 a.m. – 8:00 a.m.

WELCOME AND PRE-TEST

**George Su, MD
UC San Francisco**

**Michelle Cao, DO
Stanford University**

Friday, January 18, 2019 – 8:00 a.m. – 8:10 a.m.



UNPLANNED INTUBATION

Neil R. MacIntyre, MD
Duke University

SPONSORED BY RESPIRATORY COMPROMISE INSTITUTE

Friday, October 4, 2019 – 8:10 a.m. – 8:40 a.m.

Neil R. MacIntyre, MD is a Professor of Medicine and Medical Director of Respiratory Care Services at Duke University. He received his MD degree from Cornell University, did an internal medicine residency at Cornell-NY Hospital and a pulmonary fellowship at UCSF. In his 31 year career, he has been principal investigator or co-principal investigator on over 37 clinical trials that have enrolled hundreds of patients. Among the most important of these have been the NIH funded ARDS Network evaluating many aspects of respiratory failure, the National Emphysema Treatment Trial (NETT) evaluating lung volume reduction surgery for emphysema and the Long Term Oxygen Treatment Trial (LOTT) evaluating oxygen therapy in COPD patients. He has held a number of national and international leadership positions, including the chair of the large ACCP/SCCM/AARC Evidence Based Guidelines Committee for Ventilator Weaning, the chair of the joint ATS/ERS Committee to Standardize DLCO, the chair of the ACCP Mechanical Ventilation Simulation Program, and on the steering/writing committees of ATS and AACVPR addressing pulmonary rehabilitation and exercise assessment.

UPDATES IN ASTHMA VENTILATOR CARE

To Be Announced

Friday, October 4, 2019 – 8:40 a.m. – 9:10 a.m.



LIBERATION, ASTHMA, AND OXYGEN: AN RT PERSPECTIVE

**Justin Scott Phillips
RCP, RRT-ACCS
University of California at
San Francisco**

Friday, October 4, 2019 – 9:10 a.m. – 9:40 a.m.

Justin Phillips is a Adult Critical Care Respiratory Therapist for the University of California San Francisco, Department of Anesthesia at Zuckerberg San Francisco General Hospital and Trauma Center (ZSFG). There, he currently serves as a bedside therapist and educator. Justin is a lecturer for the Critical Care Residency Program at ZSFG on the topics of Mechanical Ventilation Mechanics and ARDS management. Additionally, he is Adjunct Faculty for the Respiratory Care Program at Ohlone College for Health Sciences and Technology. Justin is a published researcher and has spoken nationally at a number of respiratory and critical care conferences on the subjects of strategic ventilation practices and the use of non-invasive end-tidal monitoring.

BREAK AND EXHIBITS

Friday, October 4, 2019 – 9:40 a.m. – 10:00 a.m.

PADIS (Pain, Agitation/Sedation, Delirium, Immobility, and Sleep) SCCM Guidelines



Update, ICU Metrics, and Mobility Strategies – Part I

**Juliana Barr, MD
Stanford University**

Friday, October 4, 2019 – 10:00 a.m. – 10:30 a.m.

Dr. Barr is currently an Associate Professor of Anesthesia in the Medical Center Line at Stanford, and a Staff Anesthesiologist and Intensivist at the VA Palo Alto Medical Center. She has a Bachelors of Science Degree in Biomedical Engineering from the University of Southern California, and received her MD degree from Johns Hopkins. She is board certified in internal medicine, anesthesiology, and critical care medicine. After completing a post-doctoral research fellowship in clinical pharmacology at Stanford, Dr. Barr joined the Stanford faculty in the Department of Anesthesia and became a staff anesthesiologist and intensivist at the VA Palo Alto Health Care System in 1992. Dr. Barr's research interests include the mathematical modeling of the clinical pharmacology of sedatives and opioids commonly administered to ICU patients, and ICU outcomes research. Dr. Barr has published over 50 peer-reviewed manuscripts and book chapters. Dr. Barr has over 25 years of experience in critical care leadership, innovation, quality improvement, education, and research. She is passionate about improving the lives of critically ill patients.



PADIS Updates, ICU Metrics, Mobility Strategies Part II

**Javier Lorenzo, MD
Stanford University**

Friday, October 4, 2019 – 10:30 a.m. – 11:00 a.m.

Dr. Javier Lorenzo received his medical degree, and completed residency and fellowship in Stanford University. He is currently the Associate Division Chief of the Anesthesia Critical Care Medicine Division in the Department of Anesthesia, Pain and Perioperative Medicine in Stanford Medical School. His clinical interest includes quality and process improvement, medical education, and clinical informatics.



PADIS: ABCDEF bundle +G(ood Sleep)

**Biren B. Kamdar, MD, MBA, MHS
University of California San Diego**

Friday, October 4, 2019 – 11:00 a.m. – 11:30 a.m.

Biren Kamdar is an assistant professor and health services researcher at the University of California, San Diego. He completed his medical school and internal medicine residency at Vanderbilt, where he developed an interest in delirium in the ICU. During his pulmonary/critical care fellowship at Johns Hopkins University, Biren received an NIH F32 award to evaluate a 201-day sleep-promoting intervention in the medical ICU. After fellowship, Biren was at UCLA for 5 years, where he was awarded a UCLA CTSI KL2 award. Last year, Biren moved to UC San Diego where he was awarded the prestigious K76 Paul B. Beeson Emerging Leaders Career Development Award from the National Institutes on Aging.

Biren's career passion involves developing, refining, and evaluating commonsense multicomponent interventions to improve sleep-wake rhythms, mobility, delirium, and other important outcomes in critically ill patients.

PADIS Panel Discussion

Juliana Barr, MD

Javier Lorenzo, MD

Biren B. Kamdar, MD, MBA, MHS

Friday, October 4, 2019 – 11:30 a.m. – 12:00 p.m.

LUNCH AND EXHIBITS

Friday, October 4, 2019 – 12:00 p.m. – 1:00 p.m.



The Post-Intensive Care Syndrome (PICS)

Marc Moss, MD
University of Colorado
Past-ATS President

Friday, October 4, 2019 – 1:00 p.m. – 1:30 p.m.

Marc Moss is the Roger S. Mitchell Professor of Medicine, Vice Chair of Clinical Research for the Department of Medicine, and Interim Head of the Division of Pulmonary Sciences and Critical Care Medicine at the University of Colorado School of Medicine. Dr. Moss has a longstanding interest in critical care-related research and he has held continuous NIH funding as a Principal Investigator for over 19 consecutive years. More specifically, Dr. Moss's research interests include identifying new treatment modalities for patients with the Acute Respiratory Distress Syndrome (ARDS), exploring the diagnosis and treatment of neuromuscular dysfunction in critically ill patients who require mechanical ventilation, and studying burnout syndrome, posttraumatic stress disorder, and wellness in critical care healthcare professionals, specifically ICU nurses. Dr. Moss' research on wellness is funded by the NIH and he recently received funding from the National Endowment of the Arts. Dr. Moss is the principal investigator for the Colorado center in the NHLBI sponsored Prevention and Early Treatment of Acute Lung Injury (PETAL) network. Based on his expertise in clinical/translational research and mentoring, Dr. Moss served as the Program Director for the Education, Training, and Career Development Core of the Colorado Clinical Translational Sciences Institute (CCTSI) from 2008-2016. More recently, he served as the President of the American Thoracic Society from 2017-2018.



Practical Implementation of PICS Programs

Dina Bates, MD
Scripps Health and
University of California San Diego

Friday, October 4, 2019 – 1:30 p.m. – 2:00 p.m.

Dr. Dina M. Bates received her medical degree from the University of Maryland School of Medicine in 2008. She stayed in Baltimore for another four years to complete her residency in Internal Medicine and a hospitalist year in the Intermediate Care Unit, all at the University of Maryland Medical Center. Dr. Bates then moved across the country to Southern California, where she completed her fellowship in Pulmonary & Critical Care Medicine at UC San Diego Health. Currently, Dr. Bates is on staff at Scripps Mercy Hospital, San Diego.

BREAK AND EXHIBITS

Friday, October 4, 2019 – 2:00 p.m. – 2:20 p.m.



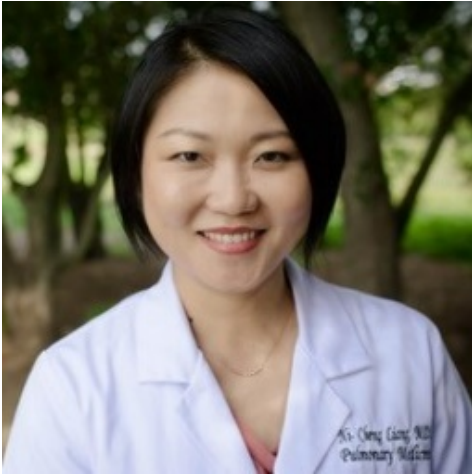
ICU Burnout – Part I: ICU Burnout and Organizational Solutions

Marc Moss, MD
University of Colorado and past-ATS President

Friday, October 4, 2019 – 2:20 p.m. – 2:50 p.m.

Marc Moss is the Roger S. Mitchell Professor of Medicine, Vice Chair of Clinical Research for the Department of Medicine, and Interim Head of the Division of Pulmonary Sciences and Critical Care Medicine at the University of Colorado School of Medicine. Dr. Moss has a longstanding interest in critical care-related research and he has held continuous NIH funding as a Principal Investigator for over 19 consecutive years. More specifically, Dr. Moss's research interests include identifying new treatment modalities for patients with the Acute Respiratory Distress Syndrome (ARDS), exploring the diagnosis and treatment of neuromuscular dysfunction in critically ill patients who require mechanical ventilation, and studying burnout syndrome, posttraumatic stress disorder, and wellness in critical care healthcare professionals, specifically ICU nurses. Dr. Moss' research on wellness is funded by the NIH and he recently received funding from the National Endowment of the Arts. Dr. Moss is the principal investigator for the Colorado center in the NHLBI sponsored Prevention and Early Treatment of Acute Lung Injury (PETAL) network. Based on his expertise in clinical/translational research and mentoring, Dr. Moss served as the Program Director for the Education, Training, and Career Development Core of the Colorado Clinical Translational Sciences Institute (CCTSI) from 2008-2016. More recently, he served as the President of the American Thoracic Society from 2017-2018.

ICU Burnout – Part II: Individual Factors Related to Healthcare Professional Burnout



**Ni-Cheng Liang, MD
Coastal Pulmonary Associates
and
University of California
San Diego**

Friday, October 4, 2019 – 2:50 p.m. – 3:20 p.m.

Dr. Ni-Cheng Liang is the Director of Pulmonary Integrative Medicine at Coastal Pulmonary Associates affiliated with the Scripps Health Network. She also serves as a Voluntary Assistant Professor of Medicine at the University of California San Diego School of Medicine while volunteering for the UCSD Student-Run Free Clinic for underserved patients. She is passionate about promoting healthcare professional wellness, and has developed curricula while teaching mindfulness to patients, healthcare administrators, professionals and their students. She has given local, regional, and national experiential presentations on physician wellness and mindfulness since 2012, and most recently for the 2019 American Thoracic Society International Conference. She was awarded the 2019 American Lung Association San Diego Lung Health Provider of the Year and Outstanding Mothers Award.

ICS and ICU Burnout: Faculty Panel Discussion

Marc Moss, MD
Ni-Cheng Liang, MD
Dina Bates, MD

Friday, October 4, 2019 – 3:20 p.m. – 3:50 p.m.

CLOSING, POST TEST AND BREAK

**George Su, MD
UC San Francisco**

Friday, October 4, 2019 – 3:50 p.m. – 4:10 p.m.

**MEET THE PROFESSORS:
Dr. Light, Dr. Moss, Dr. Barr and Dr. Leard;
Fellows, residents, students,
early career physicians**

**Moderators: Shazia Jamil, MD: Scripps Clinic and
University of California San Diego; Nicholas Kolaitis,
MD, University of California San Francisco; and
Angela Wang, MD, Scripps Clinic**

Friday, October 4, 2019 – 4:10 p.m. – 5:00 p.m.