THE AMERICAN COLLEGE OF CRITICAL CARE MEDICINE



34th Annual Convocation of Fellows



Society of Critical Care Medicine

The Intensive Care Professionals

Awards and Grants Presentation

Sunday, the Twenty-Second of January Two Thousand Twenty-Three 6:00 P.M.

> Hilton Union Square Grand Ballroom Salon B San Francisco, California

Research Awards Presentation

Saturday, the Twenty-First of January Two Thousand Twenty-Three 12:30 P.M.

Convention Center
Room 4
San Francisco, California

THE AMERICAN COLLEGE OF CRITICAL CARE MEDICINE

When the American College of Critical Care Medicine (ACCM) was created in 1988, the Society of Critical Care Medicine (SCCM) began a tradition dedicated to the recognition of excellence.

ACCM is committed to fostering the highest goals of multiprofessional critical care, honoring individuals whose achievements and contributions demonstrate personal commitment to these goals, promoting a forum for the development of collaborative practice among the specialties and professions providing critical care, and providing SCCM with a consultative body possessing recognized expertise in the practice of critical care.

The prestigious designations of Fellow of the American College of Critical Care Medicine (FCCM) and Master of Critical Care Medicine (MCCM) honor practitioners, researchers, administrators, and educators who have made outstanding contributions to the collaborative field of critical care. ACCM includes nurses, pharmacists, physicians, respiratory therapists, and other healthcare professionals who are all experts in their fields.

As an organization devoted to creating a greater understanding of critical care, ACCM emphasizes quality management in the practice and administration of critical care, focuses on leadership, and underscores the importance of fostering partnerships, humane caring, communication, and public opinion involving critical care.

Musical Selections

PROCESSIONAL

The processional music, "Call of the Champions," was composed by John Williams for the 2002 Winter Olympics, held in Salt Lake City, Utah, USA. Williams conducted the Utah Symphony Orchestra and the Mormon Tabernacle Choir in this performance. The work begins with a call of "Citius, Altius, Fortius," the official Olympic motto. These three Latin terms are repeated several times throughout the work and translate to "Swifter, Higher, Stronger." The Roman word "Clarius" was added to the triad at the end of the theme and represents intelligence and clarity of mind. This work was selected because these terms are indicative of the attributes of a Fellow of the American College of Critical Care Medicine.

RECESSIONAL

The theme for the recessional is one of the most recognized themes of its time, from the final scene of the original Star Wars movie. A leitmotif, it too was composed by John Williams and is associated with aspiration, heroism, and adventure. This theme is fitting for this occasion since the Fellows of the American College of Critical Care Medicine have been referred to as the Jedi Knights of critical care—individuals with a strong commitment to their mission and dedicated to a life of service. It is performed here for the awards ceremony by the London Symphony Orchestra.

Program

ACADEMIC PROCESSION*

Master Candidates
Fellowship Candidates
Council of the Society of Critical Care Medicine
Board of Regents of the American College of Critical Care Medicine
Chair, Credentials Committee

WELCOME AND INTRODUCTION OF THE DAIS PARTY

William E. Dager, PharmD, BCPS, MCCM Chancellor, American College of Critical Care Medicine

AWARDS AND GRANTS PRESENTATION

Sandra L. Kane-Gill, PharmD, MSc, FCCP, FCCM President, Society of Critical Care Medicine

PRESENTATION OF MASTERS OF CRITICAL CARE MEDICINE

William E. Dager, PharmD, BCPS, MCCM Chancellor, American College of Critical Care Medicine Sandra L. Kane-Gill, PharmD, MSc, FCCP, FCCM President, Society of Critical Care Medicine

PRESENTATION OF NEW FELLOWS

Martin J. Ohlinger, RPh, PharmD, BCCCP, FCCM Chair, Credentials Committee American College of Critical Care Medicine

CONFERRING OF FELLOWSHIP

William E. Dager, PharmD, BCPS, MCCM Chancellor, American College of Critical Care Medicine

PRESENTATION OF CHANCELLOR'S RECOGNITION AWARD

Mark E. Nunnally, MD, FCCM Vice-Chancellor, American College of Critical Care Medicine

RECESSIONAL*

*The audience is requested to stand during the Academic Procession and the Recessional.

The audience is invited to honor the Fellows and Masters of Critical Care Medicine and award and grant recipients at a reception immediately following the ceremony.

Society of Critical Care Medicine

COUNCIL

Sandra L. Kane-Gill, PharmD, MSc, FCCP, FCCM, President Vinay M. Nadkarni, MD, FCCM, President-Elect Lauren R. Sorce, PhD, RN, CPNP-AC/PC, FCCM, Treasurer Jose L. Pascual, MD, PhD, FCCM, Secretary Greg S. Martin, MD, MSc, FCCM, Past President Sheila A. Alexander, PhD, BSN, RN, FCCM Donna L. Armaignac, CCNS, CCRN-K, PhD Marie R. Baldisseri, MD, MPH, FCCM Jeffrey F. Barletta, PharmD, FCCM Cherylee W.J. Chang, MD, FCCM Jose L. Diaz-Gomez, MD, FCCM Amy L. Dzierba, PharmD, BCCCP, FCCM Laura E. Evans, MD, MS, FCCM Anthony T. Gerlach, PharmD, FCCM Kyle J. Gunnerson, MD, FCCM Thomas A. Nakagawa, MD, FCCM Pauline K. Park, MD, FCCM Gloria M. Rodriguez-Vega, MD, MCCM Asha N. Shenoi, MD, FCCM Samuel A. Tisherman, MD, FCCM

HONORARY MEMBERS

William E. Dager, PharmD, BCPS, MCCM, Chancellor, American College of Critical Care Medicine

Mark E. Nunnally, MD, FCCM, Vice-Chancellor, American College of Critical Care Medicine

David S. Shapiro, MD, MHCM, FCCM, *Chair*, *Chapters Alliance*

David J. Martin, CAE, CEO/Executive Vice-President

American College of Critical Care Medicine

BOARD OF REGENTS

William E. Dager, PharmD, BCPS, MCCM, *Chancellor*Mark E. Nunnally, MD, FCCM, *Vice-Chancellor*

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Julie Winkle, MD, FCCM, *Past Chancellor*Douglas F. Naylor Jr, MD, MCCM

Mary J. Reed, MD, FCCM

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Lori A. Shutter, MD, FCCM

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> Wendy R. Greene, MD, FCCM Felix Khusid, BS, RRT, FCCM

Sophia C. Rodgers, DNP, MSN, ACNP, FCCM

Michael J. Sterling, MD, FCCM

M. Hossein Tcharmtchi, MD, FCCM

Lisa M. Weavind, MD, MBBCh, FCCM

Brian T. Wessman, MD, FCCM

Awards

ASMUND S. LAERDAL MEMORIAL LECTURE AWARD

Sponsor: Laerdal Foundation for Acute Medicine Commemorates Asmund S. Laerdal, creator of the Resusci Anne model used in cardiopulmonary resuscitation training procedures, and recognizes an individual for his/her extensive involvement in resuscitation research and publishing

Robert M. Sutton, MD, FCCM

BARRY A. SHAPIRO MEMORIAL AWARD FOR EXCELLENCE IN CRITICAL CARE MANAGEMENT

Sponsor: Barry A. Shapiro Memorial Award Fund Recognizes an individual who has made significant contributions to the design and/or implementation of an evidence-based practice that has significantly impacted clinical, operational, or fiscal outcomes within his/her area of responsibility

Iana A. Stockwell, MD, FCCM

CHAPTERS ALLIANCE EXCELLENCE AWARD

Sponsor: Chapters Alliance

Recognizes a chapter for its exceptional work by being in good standing; holding regular academic activities; providing mentorship in areas of academics, patient care, research, and professional growth; providing outcomes measurements and reporting; and demonstrating continued importance in the development and growth of the chapter

Michigan Chapter

DISTINGUISHED INVESTIGATOR AWARD*

Sponsor: American College of Critical Care Medicine Recognizes an established and active SCCM clinical investigator for meritorious and pioneering clinical research in critical care who has significantly contributed to the understanding of disease or treatment of patients

Craig M. Coopersmith, MD, FACS, MCCM

Title of Presentation: An (Unexpected) Career as a Clinician/Scientist:

Lessons Learned on the Journey

*Presented during the ACCM Distinguished Investigator Award and SCCM-Weil Research and Discovery Grant Presentation

DISTINGUISHED SERVICE AWARD

Sponsor: Society of Critical Care Medicine
Recognizes SCCM members who have made exceptional leadership
contributions that have furthered the vision and mission of SCCM over
a period of time

Ognjen Gajic, MD, FCCM Tudy M. Hodgman, PharmD, BCPS, FCCM Ashish K. Khanna, MD, MS, FCCM Greg S. Martin, MD, MSc, FCCM Julie M. Winkle, MD, FCCM

DR. JOSEPH AND RAE BROWN AWARD

Sponsor: Pennsylvania Chapter of the Society of Critical Care Medicine

Recognizes an SCCM member who has significantly advanced multiprofessional, quality care for critically ill and injured patients at the regional or local level

Alex D. Loarca, MD

DRS. VIDYASAGAR AND NAGAMANI DHARMAPURI AWARD

Sponsors: Drs. Vidyasagar and Nagamani Dharmapuri Recognizes an SCCM member for sustained exemplary and pioneering achievements in the care of critically ill and injured infants and children Jayashree Muralidharan, MD, DNB, FIAP, FCCM

FAMILY-CENTERED CARE INNOVATION AWARD

Sponsor: Society of Critical Care Medicine
Recognizes innovations that improve the care provided to critically ill
and injured patients and their families

Cedars Sinai Medical Center Neuroscience ICU Family Room Project Los Angeles, California, USA

GRENVIK FAMILY AWARD FOR ETHICS

Sponsor: Grenvik Family Memorial Fund
Established in memory of Christer Grenvik, MD, to honor an
SCCM member who has promoted the ethical and humane delivery of
critical care

K. Sarah Hoehn, MD, MBe

ICU HEROES AWARD*

Sponsor: Society of Critical Care Medicine
Recognizes that a patient and family are an integral part of ICU care
and awards an ICU patient, the family, and the multiprofessional team
that delivered the care

Levi Oattes, Patient
Amy Oattes, Wyatt Oattes, BJ Bear, Family
Joshua A. Marks, MD, ICU Director

Rowen Cartmill, Patient
Mauria Cartmill, Craig Cartmill, Family
Wendy Hasson, MD, ICU Director
Omar Bhutta, MD, Chris Whorly, RN, Clinical Staff

* Presented during the Opening Session

AWARDS (CONTINUED)

INNOVATION IN EDUCATION AWARD

Sponsor: Society of Critical Care Medicine

Honors an educator or team of educators who demonstrate(s) excellence
and creativity in the development of an innovative educational program

Children's Hospital of Philadelphia Project POINTER (PICU Overnight INTerprofessional Education of Residents) Philadelphia, Pennsylvania, USA

LIFETIME ACHIEVEMENT AWARD*

Sponsor: Society of Critical Care Medicine Honors an individual who has demonstrated a lifetime of meritorious contributions to the field of critical care through the advancement of medical science, medical education, or medical care

> John C. Marshall, MD, FRCSC, FACS *Presented during the Opening Session

NORMA J. SHOEMAKER AWARD FOR CRITICAL CARE NURSING EXCELLENCE

Sponsor: Society of Critical Care Medicine
Honors Norma J. Shoemaker, RN, MN, FCCM, SCCM's first
executive director, and recognizes an SCCM nurse member who
demonstrates excellence in critical care clinical practice, education, and/
or administration

Marilia I. Diaz Correa, RN, MSN, FCCM

PATIENT SAFETY FIRST! AWARD

Sponsor: Society of Critical Care Medicine
Recognizes a unit or program that demonstrates novel, effective patient
safety initiatives for critically ill and injured patients
Cincinnati Children's Hospital Medical Center
PICU Chain of Survival Program
Cincinnati, Ohio, USA

SAFAR GLOBAL PARTNER AWARD

Sponsor: Society of Critical Care Medicine Recognizes an individual, hospital, or organization that expands the global reach of SCCM

Jorge L. Hidalgo, MD, MACP, MCCM

SHUBIN-WEIL MASTER CLINICIAN/TEACHER: EXCELLENCE IN BEDSIDE TEACHING AWARD

Sponsor: Weil Family Foundation
Recognizes an SCCM member who is a role model in both the teaching
and ethical practice of critical care and who has substantially furthered
the expert and appropriate use of life support interventions
Melissa E. Brunsvold, MD, FCCM

Research Grants

SCCM-WEIL RESEARCH GRANT

Funded by the SCCM-Weil Research Trust

Awarded to SCCM members who focus on basic, translational, or
clinical research to sponsor research efforts that will improve patient care
in the ICU and after discharge

Developing a Treatment for Delayed Cerebral Injury After
Aneurysmal Subarachnoid Hemorrhage
Jose Javier Provencio, MD, FCCM
University of Virginia

Metabolic Crosstalk in Acute Lung Injury Between Alveolar
Macrophages and Epithelium
Christine Vohwinkel, MD
University of Colorado

DISCOVERY RESEARCH GRANT

Funded by the Society of Critical Care Medicine
Awarded to SCCM members as new pilot grants to support multiinstitutional critical care research studies and is supported by Discovery,
the Critical Care Research Network

Study of Physician Cognitive Load and Work in the ICU
Ankita Agarwal, MD, MSc
Emory University

SCCM Section Awards and Grants

ANESTHESIOLOGY SECTION CONGRESS SCHOLARSHIP

Sponsor: Anesthesiology Section of the
Society of Critical Care Medicine
Prone Ventilation in Intubated COVID-19 Patients: Systematic Review
and Meta-analysis

Mohamed Fayed, MD

CLINICAL PHARMACY AND PHARMACOLOGY SECTION CONGRESS SCHOLARSHIP AWARD

Amanda Leong, BSc (Pharm), ACPR Lauren Caldwell, PharmD, BCCCP

CLINICAL PHARMACY AND PHARMACOLOGY SECTION

DISTINGUISHED SERVICE AWARD

Sponsor: Clinical Pharmacy and Pharmacology Section of the Society of Critical Care Medicine Tyree H. Kiser, PharmD, BCCCP, FCCM

CLINICAL PHARMACY AND PHARMACOLOGY SECTION INNOVATIONS IN PATIENT AND MEDICATION SAFETY AWARD

Sponsor: Clinical Pharmacy and Pharmacology Section of the Society of Critical Care Medicine

A Pilot Study Evaluating Midpoint Vancomycin Concentrations to Estimate Area Under the Curve

Lama Nazer, PharmD, BCPS, FCCM

CLINICAL PHARMACY AND PHARMACOLOGY SECTION CONGRESS SCHOLARSHIP

Sponsor: Clinical Pharmacy and Pharmacology Section of the Society of Critical Care Medicin

Safety of Rapid Administration of Peripheral 3% Hypertonic Saline For Neurologic Emergencies

Erin D. Wieruszewski, PharmD, BCCCP

CLINICAL PHARMACY AND PHARMACOLOGY SECTION YOUNG PHARMACIST INVESTIGATOR AWARD

YOUNG PHARMACIST INVESTIGATOR AWARD Sponsor: Clinical Pharmacy and Pharmacology Section of the

Society of Critical Care Medicin

Incidence of Acute Kidney Injury in Traumatic Brain Injury Patients
Treated with Hypertonic Saline

Jessica Briscoe, PharmD

EMERGENCY MEDICINE SECTION CONGRESS SCHOLARSHIP

Sponsor: Emergency Medicine Section of the Society of Critical Care Medicine

Retrospective Review of Outcomes in Pediatric DKA: Early Versus Late Long-Acting Insulin

Rahul K. Pandey, MD

Standard Versus Low-Dose Levetiracetam for Seizure Prophylaxis in Elderly Traumatic Brain Injuries

Alison Merkel, PharmD

Soft Tissue Infection: Propensity Score Matching of Outcome With or Without Hyperbaric Treatment

William Teeter, MD

EMERGENCY MEDICINE SECTION IN-TRAINING AWARD

Evaluation of Phenobarbital For Prevention of Alcohol Withdrawal in Trauma Patients Lindsey M. Kip, PharmD, BCPS

EMERGENCY MEDICINE SECTION EARLY CAREER AWARD

Rocuronium Versus Succinylcholine in the Traumatically Injured Brain: A Pilot Study

Marc McDowell, PharmD

INTERNAL MEDICINE SECTION CONGRESS SCHOLARSHIP

Sponsor: Internal Medicine Section of the Society of Critical Care Medicine Developing a Procedural Competency-Based Assessment Tool for the Intensive Care Unit

August Longino, MD, MPH

Pulmonary Fibrosis in Patients Surviving ARDS Pneumonia of COVID-19 and Non-COVID-19 Etiologies

Jamie L. Sturgill, PhD

Exploring a Novel Candidate Pathophysiologic Basis for Delirium in the Critically Ill

Steven Roy, MD

Effects of Delayed Second Dose Antibiotic Administration in Patients With Septic Shock

Jennifer Walling, PharmD, BCPS

A Novel Hospital Capability Measure Outperforms Case Volume in Explaining Sepsis Mortality

Uchenna R. Ofoma, MD, MS

Change in Attitude From Central to Peripheral Vasopressor
Administration

Sany Kumar, MD, MBBS

IN-TRAINING SECTION CONGRESS SCHOLARSHIP

Sponsor: In-Training Section of the Society of Critical Care Medicine

Ultrasound-Estimated Laryngeal Air Column Width Predicts Post-Extubation Stridor in Children

William Burton, MD

Association of Blood Pressure With Neurologic Outcome After Pediatric Cardiac Arrest Resuscitation

Adam M. Ushpol

SCCM Section Awards and Grants (continued)

NEUROSCIENCE SECTION CONGRESS SCHOLARSHIP

Sponsor: Neuroscience Section of the Society of Critical Care Medicine Choosing Wisely: A QI Initiative to Reduce Daily Labs in the Neuroscience ICU

Jessica Werdel, PhD, ACNP

Optic Nerve Sheath Diameter as a Predictor of Brain Swelling in Pediatric Cerebral Malaria

Madiha Raees, MD

NURSING SECTION CONGRESS SCHOLARSHIP

Sponsor: Nursing Section of the Society of Critical Care Medicine Exploring the Role of Social Determinants of Health on Readmissions After Sepsis

Reba Umberger, PhD, MS, RN, CCRN-K

Inflammatory Biomarker Trajectories and New Functional Morbidity in Pediatric Sepsis Survivors

Mallory A. Perry-Eaddy, PhD, RN, CCRN

Transtracheal Ultrasound as a Tool for Predicting Endotracheal Tube Malposition

Brianna Garcia, AGACNP-BC

OSTEOPATHIC MEDICINE SECTION CONGRESS SCHOLARSHIP

Sponsor: Osteopathic Medicine Section of the Society of Critical Care Medicine Escaping the Traditional: Using an Escape Room as an Innovative Tool to Teach CRM Principles

Robert Parker, DO

PEDIATRICS SECTION CONGRESS SCHOLARSHIP

Sponsor: Pediatrics Section of the Society of Critical Care Medicine Respiratory Failure Mortality by Race and Ethnicity in Critically Ill Children

John Mulcaire-Jones, MD

Evaluation of Automated Finger Compression for Capillary Refill Time Measurement in Pediatrics

Amanda Nickel, MSc, RRT, RRT-NPS, RRT-ACCS

Viral DNAemia Is Associated With Mortality in Pediatric Patients With Severe Sepsis

Stephanie Cabler, MD

Assessing Diversity, Equity, and Inclusion Education in Pediatric Critical Care Fellowship Training Nonyerem Acholonu, MD

PHYSICIAN ASSISTANT SECTION CONGRESS SCHOLARSHIP

Sponsor: Physician Assistant Section of the Society of Critical Care Medicine Enhancing Neurocritical Care Education Through Multidisciplinary Simulation Training

Lauren Lacovara, PA-C

RESEARCH SECTION CONGRESS SCHOLARSHIP

Sponsor: Research Section of the Society of Critical Care Medicine

Continuation of ICU-Initiated Amiodarone in Survivors of Critical

Illness

Michael Kenes, PharmD, BCPS, BCCCP

Machine Learning for the Development of a Novel PE Prediction Tool in Critically Ill Patients

Sandhya Ashokkumar, MD

Drag-Reducing Polymers Transform any Resuscitation Fluids Into Neuroprotective

Denis Bragin, PhD

Leveraging the SCCM Discovery VIRUS COVID-19 Registry to Evaluate Drug Repurposing Research Dataset

Smith Heavner, PhD, RN

Comparison of the Prognostic Value of Pulmonary Dead Space Proxies in COVID-19 ARDS Outcomes

Ian Jaffe, BS

RESPIRATORY CARE SECTION CONGRESS SCHOLARSHIP

Sponsor: Respiratory Care Section of the Society of Critical Care Medicine

Evaluation of Automated Finger Compression for Capillary Refill Time Measurement in Pediatrics

Amanda Nickel, MSc, RRT, RRT-NPS, RRT-ACCS

Quality of Bag-Mask Ventilation in Critically Ill Children

Natalie Napolitano, MPH, RRT-NPS

Discrimination and Calibration of Predictive Scores of Mortality in ECMO for Patients With COVID-19

Ivan A. Huespe, MD

SURGERY SECTION CONGRESS SCHOLARSHIP

Sponsor: Surgery Section of the Society of Critical Care Medicine Still Not SAFE: A Propensity Score Matched Analysis of Colloid Use in Traumatic Brain Injury

Matthew Li, PharmD, BCPS, BCCCP

Methicillin-Resistant Staphylococcus aureus Nares Screen Leads to Vancomycin De-escalation in Trauma

Lillian T. Bellfi, PharmD, BCCCP

Comparative Cohort Study of Reversal Agents for Bleeding Associated
With Factor Xa Inhibitors

Matthew Painter, MD

UNIFORMED SERVICES SECTION CONGRESS SCHOLARSHIP

Sponsor: Uniformed Services Section of the Society of Critical Care Medicine Skin Sloughing Disorder Patients Are Twice as Likely to Die as Burn Patients

Jason Nam, MD, MPH

Prevention of Pressure Injuries During Military Aeromedical Evacuation or Prolonged Field Care: RCT

Elizabeth Bridges, PhD, RN, MSN, CCNS, FCCM

Presidential Citation Award Recipients

Sponsor: Society of Critical Care Medicine
Recognizes SCCM members who have made extraordinary contributions
of time, energy, and resources to SCCM during the previous year

Qalab Abbas, MBBS

Enyo Ablordeppey, MD, MPH, FACEP, FCCM

Christopher D. Adams, PharmD, BCPS, BCCCP, FCCM Michael S.D. Agus, MD, FCCM

Evelyn Akuamoah-Boateng, RRT, RRT-ACCS

Kwame A. Akuamoah-Boateng, DNP, ACNP-BC, FCCM

Folashade Alabi, PharmD, BCCCP, RPh

Earnest Alexander Jr, PharmD, FCCM

Kaitlin M. Alexander, PharmD

Tuqa Alkhateeb, MS, PharmD, PhD

Gil B. Allen, MD, FCCM

Javier Amador-Castaneda, BS, RRT

Mahmoud A. Ammar, PharmD, BCPS, BCCCP, FCCM Maighdlin Anderson, DNP, ACNP-BC, FCCM

Laura Andrick, PharmD, BCCCP

George L. Anesi, MD

Amita Avadhani, ACNP, CCRN, DNP, PhD, FCCM

Wedad B. Awad, PharmD, BCPS

Sarah E. Bain, MD

Arun Bansal, MD, MRCPCH, MAMS, FRCPCH, FCCM

Nicholas A. Barker, PharmD, BCCCP, RPh

Erin F. Barreto, PharmD, MSc, FCCM

Rajit Basu, MD, MS, FCCM

Elizabeth J. Beckman, PharmD, BCPS, BCCCP, BCPPS

Carolyn Magee Bell, PharmD, BCCCP

Talia K. Ben-Jacob, MD, MSc, FCCM

Courtney Bennett, DO, FACC

Suzanne Bennett, MD, FCCM

Karen Berger, PharmD, BCPS, BCCCP, FASHP, FCCM

Audis Bethea, PharmD, BCPS, BCCCP

Pavan Bhatraju, MD, MS

Nicholas G. Bircher, MD, FCCM

Barbara A. Birriel, PhD, ACNP-BC, FCCM Brittany D. Bissell, PharmD, BCPS, BCCCP, PhD, FCCM

Edward A. Bittner, MD, PhD, MSEd, FCCM

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Meredith F. Bone, MD

Christopher Todd Borchers, ACNP

Donald L. Boyer, MD, MSEd

Hannah Brokmeier, PharmD

Anne R. Tanner Brown, PharmD, BCCCP, FCCM

Ann-Marie Brown, RN, CCRN, CPNP, PhD, CNE, FCCM

Caitlin S. Brown, PharmD, BCCCP, FCCM

Daniel R. Brown, MD, PhD, FCCM

Judah Brown, PharmD, BCCCP

William T. Browne, MD, FCCM

Lan N. Bui, PharmD, BCPS, MPH

Marilyn N. Bulloch, PharmD, BCPS, SPP, FCCM

Jeffrey P. Burns, MD, MPH

Sigrid Burruss, MD

Lauren Caldwell, PharmD, BCCCP

David L. Carpenter, PA-C, JM, FCCM Breanna Lyn Carter, PharmD, BCPS, BCCCP Ira M. Cheifetz, MD, FCCM Jen-Ting (Tina) Chen, MD, MS Katleen Wyatt Chester, PharmD, BCCCP, BCGP J. Perren Cobb, MD, FACS, FCCM Melanie Smith Condeni, PharmD, BCPS, BCCCP Michael J. Connor Jr, MD Lori A. Cox, MSN, ACNPC, FCCM Elliott D. Crouser, MD Rhonda L. D'Agostino, ACNP, FCCM Valerie Danesh, PhD, RN, FCCM Danielle D'Emilia DeCourcey, MD, MPH Gozde Demiralp, MD Ashley D. DePriest, LD, MS, RD, CNSC, FCCM Ranjit Deshpande, MD, FCCM Maya Dewan, MD, MPH Jose J. Diaz Jr, CNS, MD, FACS, CPE, FCCM Daniel A. Diedrich, BS, MD Deepali Dixit, PharmD, BCPS, BCCCP, FCCM Molly E. Droege, PharmD Jeremiah J. Duby, PharmD, BCPS, BCCCP, FCCM Amanda E. Edwards, PA-C, MSc Muhammad Effendi, PharmD, BCCCP Philip A. Efron, MD, FACS, FCCM Timothy J. Ellender, BSN, MD, FCCM Lillian L. Emlet, MD, MS, FCCM Kellyn Engstrom, PharmD, MPH Annette M. Esper, MD, MSc Nicholas A. Ettinger, MD, PhD, FAAP, FCCM Elizabeth A. Farrington, BCNSP, BCPS, FCCM David M. Ferraro, MD, FCCM Saul Flores, MD, FCCM Marlena A. Fox, PharmD, BCPS, BCCCP Madison Fratzke, RRT, RRT-ACCS Amado X. Freire, MD, MPH, FCCM Gerard J. Fulda, MD, FACS, MCCM Samuel M. Galvagno Jr, DO, MS, PhD, FCCM Antonio J. Gandra D'Almeida, MD, MDM, FACS, FCCM Anjali Garg, BS, MD Rita Gayed, PharmD, BCCCP Hayley B. Gershengorn, MD, ATSF, FCCM Varsha P. Gharpure, MD, FAAP, FCCM Alberto Goffi, MD Jeffrey P. Gonzales, PharmD, BCPS, BCCCP, FCCM Donnie B. Goodwin, BSN, MSN, ACNP Katarzyna Gosek, PharmD, BCCCP Rob Grabenkort, PA, MMSc, FCCM Ana Lia Graciano, MD, FCCM Jaime L. Gray, PharmD, BCCCP, FCCM Emily Green, PharmD, BCCCP, MSHS Rebecca Greene, PharmD, BCCCP Wendy R. Greene, MD, FACS, FCCM Carrie L. Griffiths, PharmD, BCCCP, FCCM Ravindra A. Gupta, MD, FCCP, FASA Payal K. Gurnani, PharmD, BCPS, BCCCP, FCCM Mark W. Hall, MD, FCCM Leslie A. Hamilton, PharmD, BCPS, BCCCP, FCCP, FNCS, FCCM

Presidential Citation Award Recipients (continued)

Mojdeh S. Heavner, PharmD, BCPS, BCCCP Jason Hecht, PharmD, BCPS, BCCCP, FCCM Vitaly Herasevich, MD, PhD, FCCM Lizzette Hernaiz, ACNP, MSN, FNP-C Kristie A. Hertel, ACNP, CCRN, MSN, FCCM Eliotte Hirshberg, MD, MS, FCCM Andre Holder, MD, MS Steven M. Hollenberg, MD, FACC, FAHA, FCCP, FCCM Kimia Honarmand, MD, MSc, BSc(Hons), FRCPC Russ Horowitz, MD, RDMS Remi Hueckel, DNP, CHSE, CPNP-AC Kristian Hunt, ACNP, BSN Robert C. Hyzy, MD, MCCM Lauren A. Igneri, PharmD, BCPS, BCCCP, FCCM Sharon Y. Irving, CRNP, MSN, PhD, PNP, FCCM Sidra Ishaque, MD, FC, PS Craig S. Jabaley, MD, FCCM Daniel W. Johnson, MD, FCCM Peter N. Johnson, PharmD, BCPPS, FPPA, FASHP, FCCM Ah Hyun Jun, PharmD, BCCCP Jason M. Kane, MD, MS, FCCM Kianoush Kashani, MD, MS, FASN, FCCP Rahul Kashyap, MD, MBA George Kasotakis, MD, MPH, FACS, FCCM Joshua B. Kayser, MD, MPH, MBE, FCCM Lynn A. Kelso, DNP, FCCM Ashish K. Khanna, MS, MD, FCCP, FASA, FCCM Keith Killu, MD, FCCM Amy Kiskaddon, PharmD, BCPPS John C. Klick, MD, FCCM Rachel Kohn, MD Nikoleta S. Kolovos, MD Brian J. Kopp, PharmD, BCPS, BCCCP, FCCM Desiree E. Kosmisky, PharmD, BCCCP, FCCM Christian L. Kressin, PharmD, BCCCP James S. Krinsley, MD, FCCM Meghan B. Lane-Fall, MD, MS, FCCM Michael J. Lanspa, MD, MS, FCCM Jarone Lee, MD, MPH, FCCM Jong O. Lee, MD, FACS, FCCM Pamela A. Lipsett, MD, MHPE, MCCM Steven J. Lisco, MD, FCCM Micah T. Long, MD Mary E. Lough, PhD, RN, CCNS, FAAN, FCCM Monica I. Lupei, MD Elizabeth Mahanna-Gabrielli, MD Jennifer Marsh, PharmD Niels D. Martin, MD, FCCM Ryan C. Maves, MD, FCCM Michael Mazzeffi, MD, MPH Paul J. McCarthy, MD, FCCM Diane C. McLaughlin, AGACNP-BC, DNP, FCCM Emily M. McRae, ACNP, DNP, CPNP-AC/PC, FCCM Heather Meissen, ACNP, CCRN, FCCM

Walls C. M. L. D. ECOM
William S. Miles, MD, FCCM
Paul K. Mohabir, MD, FCCM
Chet A. Morrison, MD, FACS, FCCM
Vikramjit Mukherjee, MD
Jodi E. Mullen, MS, CCRN-K, CCNS, FCCM
Claire V. Murphy, PharmD, BCPS, FCCM
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Ndidi L. Musa, MD, FCCM
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Mukul Sehgal, MD
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Lindsey Sellers, PharmD
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Steven L. Shein, MD, FCCM
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RESEARCH AWARDS CEREMONY

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ABSTRACT-BASED AWARDS

IN-TRAINING AWARD

#38 Critically Ill Children With Severe Sepsis Often Have Sub-Target Meropenem Levels Early in Therapy Kelli Michelle Paice, Sonya Tang Girdwood, Kathryn Pavia, Tomoyuki Mizuno, Peter Tang, Calise Curry, Abigayle Gibson, Rhonda Jones, Erin Stoneman, Toni Yunger, Min Dong, Alexander Vinks, Jennifer Kaplan

YOUNG INVESTIGATOR AWARD

#50 Length of Pre-ECMO Mechanical Ventilation Is Not Associated With Mortality in Patients With COVID-19 Chengda Zhang, Bishoy Zakhary, Nicole White, Silver Heinsar, Aidan Burrell, Akram Zaaqoq, Jeffrey Jacobs, Heidi J. Dalton, Ahmed Labib, Jacky Suen, Silvia Mariani, Gianluigi Li Bassi, John Fraser, Giles Peek

GOLD MEDAL AWARD

#37 Antipsychotics and QTc Interval in the ICU: Analysis of a Randomized Clinical Trial

Joanna Stollings, Christina Boncyk, Wencong Chen, Rameela Raman, Deepak Gupta, Erika Rivera, Amelia Maiga, Shayan Rakhit, Pratik Pandharipande, E. Wesley Ely, Timothy Girard, Mayur Patel

SILVER MEDAL AWARD

#24 Identification of Molecular Endotypes in Two Cohorts of Pediatric ARDS Nadir Yehya, Matthew Zinter, Jill Thompson, Michelle J. Lim, Mark Hanudel, Mustafa Alkhouli, Matthew Alder, Daniel McKeone, E. Scott Halstead, Pratik Sinha, Anil Sapru

BRONZE MEDAL AWARD

#14 Longitudinal Functional Outcomes in Abusive Head
Trauma Versus Accidental Traumatic Brain Injury
Caitlin McNamara, Anne Kalinowski, Christopher Horvat,
Dennis Simon, Barbara Gaines, Ward Richardson, Rachel
Berger, Ericka L. Fink

STAR RESEARCH AWARDS

- #1 Ultrasound Screening for Vocal Cord Dysfunction After Congenital Heart Surgery in Children
 Niranjan Vijayakumar, Daniel Hames, Nataly Montano
 Vargas, Jason S. Kerstein, Kimberly Mills
- #2 Comparison of Factor Products for Treatment of Bleeding Related to Cardiac Surgery Lauren M. Caldwell, Megan Van Berkel Patel, Rima Bhakta, Neha Naik, Cimaron Neel, David Knowles
- #3 Phase 2 Study Interim Results of RBT-1 Effect on Postoperative Course in Elective CABG/Valve Surgery Andre Lamy, Roland Assi, Craig Brown, Arman Arghami, Charles Mack, Michael Jessen, Julian Smith, Mohamed Marzouk, T Benton Washburn, David Savage, Alonso Collar, Vincent Scavo, Jayme Bennetts, Richard Zager, Chao Wang, Philip Lavin, Stacey Ruiz, Bhupinder Singh
- #4 Validation of Heparin-Induced Thrombocytopenia Risk Stratification Tools in Post-Surgical Patients Shahristan Rashid, Sabrina Dunham, Kendra Spilkin, Tudy Hodgman, Rahul Kashyap
- #5 Pulse Methylprednisolone Versus Dexamethasone in COVID-19: A Multicenter Cohort Study
 Atsuyuki Watanabe, Ryota Inokuchi, Toshiki Kuno, Kazuaki Uda, Jun Komiyama, Motohiko Adomi, Yoshiko Ishisaka, Toshikazu Abe, Nanako Tamiya, Masao Iwagami
- #6 The MRSA PCR Nasal Swab: A Tool for Antimicrobial Stewardship in Critically Ill Pediatric Patients

 Lexi M. Crawford, Vera Pertsovskaya, Anqing Zhang, Rana Hamdy
- #7 Assessment of Readmission Risk Factors After Index
 Hospital Discharge for COVID-19 Patients
 Vikas Bansal, Aysun Tekin, Romil Singh, Nikhil Sharma, Juan
 Pablo Domecq Garces, Rodrigo Cartin-Ceba, Syed Anjum
 Khan, Devang Sanghavi, Abigail T. La Nou, Nitesh K. Jain,
 Roman Melamed, Ashish K. Khanna, Amy B. Christie, Valerie
 M. Banner-Goodspeed, Donna Armaignac, Umamaheswara
 Raju, Murtaza Akhter, Yasir Tarabichi, Vishakha K. Kumar,
 Rahul Kashyap
- #8 Achieving Targeted Vancomycin Levels in Augmented Renal Clearance
 Sydney Wilson, Ashley Holmes, Laura Aragon, Nick Bennett,
 Tyler Barnes, Leo Andrew Benedict
- #9 Implementation of 2HELPS2B Seizure Risk Score: A High-Value Approach to Seizure Detection in the ICU Emily Fink, Fazila Aseem, Jessica Werdel, John Whalen, Parin Nanavati, Clio Rubinos, Angela Wabulya, Suzette LaRoche, Casey Olm-Shipman
- #10 Profound Increases in Neurointact Patient Survival for Nonshockable (Asystole/PEA) Cardiac Arrests

 Paul E. Pepe, Johanna C. Moore, José Labarère, Charles J.

 Lick, Bayert J. Salverda, Lauren D. Emanuelson, Paul C.

 Nystrom, Ryan Quinn, Brent A. Parquette, Keith Lurie, Joseph E. Holley, Peter M. Antevy, Remle P. Crowe, Kenneth A.

 Scheppke, Guillaume Debaty

- #11 Neuroprotective Effects of Pharmacologic Agent JTE-013
 After Cardiac Arrest in Rats
 Xiaofeng Jia, Xiao Liu, Subash Marasini, Lauren Colliver, Jian
 Du
- #12 Incidence of Acute Kidney Injury in Traumatic Brain Injury
 Patients Treated With Hypertonic Saline

 Jesse Briscoe, Megan Van Berkel Patel, R. Chace Hicks, Nadia
 Froehling, Darren Hunt, Jessica Parker, Breanna L. Carter
- #13 Infants as Likely to Progress to Brain Death After OHCA as Children: Secondary Analysis PBDCA Study
 Charlene Pringle, Matthew Henry, Stephanie Filipp, Elber
 Yuksel Aydin, Nicolas Chiriboga, Kailea Zelinka, Lorena
 Smith, Yudy Fonseca, Jose Irazuzta, Matthew J. Gurka,
 Meredith C. Winter
- #15 Serum Tau and p-Tau as a Diagnostic and Prognostic Tools for Pediatric Traumatic Brain Injury

 Jennifer Munoz Pareja, Maria Mateo Chavez, Juan Pablo

 De Rivero Vaccari, Maria Kerrigan, Charlene Pringle, Firas

 H. Kobeissy, Kourtney K. Guthrie, Joslyn Gober, Rajderkar

 Dhanashree, Nora AlFakhri, Jennifer Coto, Paula Karina

 Perez, Heather J. McCrea, Chad M. Thorson, Kristine H.

 O'Phelan, Juan P. Solano, Kathryn Swaby, Ricardo Loor

 Torres, Kevin K. Wang
- #16 FGF21 Therapy Attenuates Ischemia-Mediated
 Downregulation of Neuroprotective RBM3 in Newborn
 Mice
 Jeremy Herrmann, Kiersten Gorse, Gabriela Berger, Vincent
 Vagni, Keri Janesko-Feldman, Patrick M. Kochanek, Travis
 Jackson
- #17 Palliative Medications at Terminal Extubation: A Secondary Analysis From DONATE Study Data
 Tripathi Sandeep, Laksana Eugene, Michael McCrory,
 Stephanie Hsu, Alice Zhou, David Ledbetter, Melissa Aczon,
 Kimberly Burkiewicz, Sareen Shah, Linda Siegel, Nina A.
 Fainberg, Katie Morrow, Michael Avesar, Harsha Chandnani,
 Jui Shah, Charlene Pringle, Meredith C. Winter
- #18 Epidemiology of Noninvasive and Invasive Mechanical Ventilation Use for Children at the End of Life Deirdre Puccetti, Steven Staffa, Jeffrey Burns
- #19 Patient-Reported Quality of Life and Identified Goals for Improvement During ICU Recovery Shannon Piche, Annie B. Johnson, Emily Schmitt
- #20 Dignity-Related Distress Among the Critically Ill: Concordance Between Patient and Family Rachel Hadler, Caywin Zhuang, Franklin Dexter
- #21 Expression Patterns of Airway Fluid Cytokines From Children With Pediatric ARDS Michael Ripple, Ahmad Mohammad, Susan Stephenson, Anne M. Fitzpatrick, Jocelyn R. Grunwell
- #22 Identifying Biomarker-Based Pediatric ARDS
 Subphenotypes Using Machine Learning and Clinical Data
 Daniel Balcarcel, Mark Mai, L. Nelson Sanchez-Pinto, Blanca
 Himes, Nadir Yehya

STAR RESEARCH AWARDS (CONTINUED)

- #23 Anticoagulation During Pediatric Extracorporeal Membrane Oxygenation: Evaluation of Efficacy and Cost Kristen Nelson McMillan, Shea Gallus, Vincent Dorsey, Cynthia Urbas, Melissa Nater, Sarah Kane, Chelsea Kriesberg, Alex Constas, Erin Kim, Priya Chandra, Luca Vricella, Narutoshi Hibino, Chawki ElZein, Faeeg Yousaf
- #25 A Multicenter Cohort Analysis of Rapid Genome Sequencing in the PICU Katherine Rodriguez, Erica Sanford Kobayashi, Heather VanDongen-Trimmer, Lisa Salz, Jennifer Foley, Drewann Whalen, Okonkwo Oluchukwu, Kuang Chuen Liu, Jennifer Burton, Prachi Syngal, Stephen Kingsmore, Nicole G. Coufal
- #26 Adaptive Immune Function and Immunoparalysis in Children With Septic Shock
 Diego A. Cruz Vidal, Jennifer Muszynski, Ian Goldthwaite,
 Leahmaria Ayad, Jill Popelka, Josey Hensley, Andrew Snyder,
 Amber Wolfe, Mark W. Hall
- #27 Pre-Cardiopulmonary Bypass Biomarkers Predict Poor Outcomes in Neonatal Congenital Heart Disease Monique M. Gardner, Feng Chen, Natalka Koterba, Isabel Reddy, Jill Thompson, Anh Mai, Joseph Fraietta, William Gaynor, Nadir Yehya
- #28 Biomarker-Based Risk Stratification in Pediatric Sepsis From a Low-Middle-Income Country

 Sidra Ishaque, Stephen Famularo, Ali Faisal Saleem, Naveed
 Ur Rehman Siddiqui, Zaubina Kazi, Sadia Parkar, Aneeta
 Hotwani, Neal Thomas, Jill Thompson, Patrick Lahni, Brian
 M. Varisco, Nadir Yehya
- #29 Association of Neighborhood Phenotype With Treatments and Outcomes for Children After Cardiac Arrest Cody-Aaron Gathers, Jessica Barreto, Chunyan Wang, John Gianakas, Alexis Topjian, Aline Maddux, Elizabeth Hunt, Juan Piantino, Lincoln Smith, Ericka L. Fink, Anthony Fabio
- #30 Social Vulnerability Index and Child Opportunity Index High in Asthma but Not Linked to PICU Stay Justin Jones, Alicia Adiwidjaja, Matt Keefer, Patrick Ross, Jonathan Tan
- #31 Childhood Opportunity Index Among Critically Ill Children: A Multicenter, Retrospective Cohort Study Anjali Garg, Anthony A. Sochet, David Stockwell
- #32 The Epidemiology of Pediatric Intensive Care Admissions in the United States: 2001-2019

 Elizabeth Y. Killien, Mary Hartman, Matthew Keller, R

 Watson
- #33 Long-Term Cardiac and Functional Outcomes of Multisystem Inflammatory Syndrome in Children Jasmine Peng, Maria Castillo, Lauren Tramontano, Eric Purifoy, Tharakanath Yarrabolu, Melissa Mizesko, Mary Huckabee, Utpal Bhalala
- #34 Comparison of Strain and Conventional Echocardiography in Predicting ICU Needs in MIS-C

 Esther J. Kim, Matthew Sharron, Ashley Austin, Niti Dham, Sonali Basu

- #35 Extracorporeal Life Support After Successful Resuscitation From Pediatric In-Hospital Cardiac Arrest Stephanie R. Brown, Maria Frazier, Joan S. Roberts, Heather Wolfe, Ken Tegtmeyer, Robert M. Sutton, Maya Dewan
- #36 Chest Compression Release Velocity and Associated Clinical Outcomes in Pediatric Cardiac Arrest

 Thomas E. Rappold, Hayes Jennifer, Dana Niles, Zhang
 Xuemi, Heather Griffis, Annemarie Silver, Marc Berg, Robert
 M. Sutton, Heather Wolfe, Tia Raymond, Vinay Nadkarni
- #39 Incidence of Detectable Drug Levels With Inhaled Aminoglycoside Therapy in Critically Ill Adults Jennifer Schultheis, Mary Durham, Shawn J. Kram, Michelle Kuhrt, Daniel Gilstrap, Bridgette Kram
- #40 Intrathecal Nicardipine for Post-Subarachnoid Hemorrhage Cerebral Vasospasm: A Pharmacokinetic Study Ofer Sadan, Shany Cohen-Sadan, Eashani Sathialingam, Erin Buckley, William Asbury, Owen Samuels
- #41 Subcutaneous Heparin Dose in Underweight Critically Ill Patients

 Bernice Lee, Abdalla Ammar, Sagune Sakya, Flint Spitler,
 Lydia J. Tran, Mahmoud Ammar
- #42 Vancomycin and Piperacillin-Tazobactam or Cefepime and Sepsis-Associated AKI Trajectory
 Michael L. Behal, Kaylee Whitenack, Melissa Thompson
 Bastin, Paul Adams, Juan Carlos Aycinena, Alexander
 Flannery
- #43 GJA1-20k Reduces Resuscitation Requirements and Renal Injury Post-REBOA Ischemia-Reperfusion Injury
 Nicole Ewer, Rebekah Ford, Vu Ngyen, Daisuke Shimura,
 Lucas P. Neff, Timothy K. Williams, Scott Youngquist, M.
 Austin Johnson, Robin Shaw, Guillaume Hoareau
- #44 Adjunctive Methylene Blue for Patients in Septic Shock: The SHOCKEM-Blue Trial

 Nuria T. Ayala-Delgadillo, Miguel Ibarra-Estrada,

 Laura Sandoval-Plascencia, José Arnulfo López-Pulgarin,

 Quetzalcoatl Chavez-Peña, Julio Mijangos-Mendez,

 Guadalupe Aguirre-Avalos
- #45 The Effect of High-Flow Nasal Cannula on Hospital Length of Stay in Pediatric Asthma

 Colin M. Rogerson, Arthur Owora, Tian He, Samer AbuSultaneh, Aaron Carroll, Titus Schleyer, Wanzhu Tu, Eneida
 Mendonca
- #46 Hospital-Acquired Venous Thromboembolism and Invasive Ventilation: A Report From the CHAT Consortium Anthony A. Sochet, Julie Jaffray, Brian Branchford, Elizabeth E. Havlicek, Maua Mosha,
 Neil Goldenberg
- #47 Clinical Impact of Pulmonary Embolism Response Team Consultation at a Single Tertiary Care Center August Longino, Tiffany Gardner, Alexandra Fuher, Todd Bull, Peter Hountras
- #48 Implementation of Social Needs Screening of Critically Ill Pediatric Patients With Asthma

 Scott Call, Mercedes Tate, Amanda Jepson, Kitman Wai, Terry Dean, Gwynne Latimer

STAR RESEARCH AWARDS (CONTINUED)

- #49 Prone Positioning in Severe ARDS due to COVID-19

 Ana C. Suarez, Jennifer Perez, Heidy L. Izquierdo, Sabrina
 Arshed
- #51 Prone Positioning for Nonintubated COVID-19 Patients: A Systematic Review and Meta-Analysis

 Jie Li, Jian Luo, Ivan Pavlov, Yonatan Perez, Aileen Kharat,

 Elsa Tavernier, David Vines, Oriol Roca, Bairbre McNicholas,

 Miguel Ibarra-Estrada, John G. Laffey, Claude Guerin,

 Stephan Ehrmann
- #52 Prospective Real-Time Validation of a Lung Ultrasound
 Deep Learning Model in the Intensive Care Unit
 Chintan Dave, Derek Wu, Jared Tschirhart, Delaney Smith,
 Blake VanBerlo, Jason Deglint, Faraz Ali, Rushil Chaudhury,
 Bennett VanBerlo, Alex Ford, Marwan A Rahman, Joseph
 McCauley, Benjamin Wu, Jordan Ho, Brian Li, Robert
 Arntfield
- #53 Safety of Percutaneous Dilatational Tracheostomy in Patients Receiving Antiplatelet Therapy

 Anoop Kumar, Ahmad Irshad, Kimberly Fowler, Farid Sadaka, Steven Trottier
- #54 Variation in Compliance With Colorectal Surgical Site Infection Prevention Bundle
 Rachael Smith, Kelsey Duckett, Corinne Corrigan, Elizabeth
 H. Mack
- #55 Reducing CAUTI Events With Active Drain Line Clearance: A Retrospective Observational Study Patrick Brockway, David M. Hill, Vanessa Moll, Kelly Stanton, Manu Malbrain, Sai Velamuri
- #56 Naloxone Co-Prescribing for Emergency Medicine and Trauma Patients at High Risk for Opioid Overdose William J. Peppard, Margaret Ford, Nathan Duncan, Colleen Trevino, Amy Zosel, Ryan Feldman, Matthew Stanton, Kevin McGurk, Brian Dekarske, Garret Newkirk, Jennifer Hernandez-Meier
- #57 Intensivist Physicians' Knowledge and Attitudes About Bayesian Adaptive Clinical Trials Brian Malley, Joel Levin, Andrew Althouse, Sabina Sloman, Jeremy Kahn, David T. Huang
- #58 Hypotension Magnitude via High-Resolution ABP Is
 Associated With Outcome After Pediatric Arrest
 Raymond Liu, Tanmay Majumdar, Ryan Burnett, Kathryn
 Graham, Monique M. Gardner, Forrest Beaulieu, Robert A.
 Berg, Alexis Topjian, Matthew Kirschen
- #59 Prediction Model to Identify Sepsis Patients for Minimally Invasive Management Outside the ICU

 Abdul Wahab, Ryan Smith, Amos Lal, Laure Flurin, Michael Malinchoc, Yue Dong,
 Ognjen Gajic
- #60 Predicting Cardiac Arrest in the Pediatric Intensive Care
 Unit Using Machine Learning
 Adam L. Kenet, Rahul Pemmaraju, Sejal Ghate, Shreeya
 Raghunath, Yifan Zhang,

- Mordred Yuan, Tony Y. Wei, Jacob Desman, Joseph Greenstein, Casey O. Taylor, Timothy Ruchti, Jim Fackler, Jules Bergmann
- #61 Ethanol Represses LC3-Associated Phagocytosis via Sirtuin 2 in Human Macrophages

 Sanjoy Roychowdhury, Anugraha Gandhirajan, Vidula T.

 Vachharajani
- #62 Alactic Base Excess Is an Independent Predictor of Death in Sepsis: A Propensity Score Analysis Ivan A. Huespe, Carlos Musso, Aisha Khalid, Eduardo Prado, Nicolás Contrera Rolón, Jorge Sinner, Joaquín Cantos
- #63 Restrictive Fluids in Sepsis: A Systematic Review and Meta-Analysis Sylvia S. Stefanos, Paul Reynolds, Robert MacLaren
- #64 Focused Cardiac Ultrasound Is Associated With Higher SEP-1 Fluid Goal Compliance in Septic Shock Ina Prevalska, Ryan Tucker, Peter England, Christopher Fung

GOLD SNAPSHOT AWARDS

- #257 Geography and Age Drive Racial and Ethnic Disparities in Pediatric Pneumonia Mortality Cody-Aaron Gathers, Nadir Yehya, Garrett P. Keim
- #1172 Evaluation of Shelf-Stable Blood Products for Resuscitation in a Canine Model of Hemorrhagic Shock Rebekah Ford, Nicole Ewer, Ranger Gunville, Melonie Abravanel, Guillaume Hoareau, Scott Youngquist, M. Austin Johnson, Talli Hogen, Thomas Edwards, Tuan Le, Emilee Venn
- #770 An International, Multicenter Evaluation of Pharmacist Medication Management in ICU Recovery Centers Foanna Stollings, Janelle O'Keeffe Poyant, Christine Groth, Stephen Rappaport, Rachel M. Kruer, Emily Miller, Allyson McIntire, Cara McDaniel, Kevin Betthauser, Rima Mohammad, Rebecca Korona, Pamela MacTavish, Deepali Dixit, Siu Yan Amy Yeung, Alexandra Barber
- #628 Serial Immunoglobulin G Levels and Their Correlation With Functional Outcome in Children With GBS Arun Bansal, Dilsad Ali Khan, Manjinder Singh Randhawa, Muralidharan Jayashree, Amit Rawat, Renu Suthar
- #1119 Driving Pressure Over Time Is Correlated With Hippocampal Apoptosis in Pigs Ventilated for 50 Hours Elizabeth Rohrs, Thiago Bassi, Karl Fernandez, Marlena Ornowska, Michelle Nicholas, Jessica Wittmann, Matt Gani, Steve Reynolds
- #672 Household Resource Insecurities Among Families of Children Admitted to an Academic PICU Lauren Burgunder, Stefanie G. Ames, Olivia Hanson, Kaleb Eppich, Angela Presson, Heather Keenan, Melissa Watt
- #985 Evaluation of Discharge Opioid Prescribing in Mechanically Ventilated ICU Patients
 Sarah Peppard, William J. Peppard, Jayshil Patel
- #351 Bone Marrow Transplantation in Pediatric Single-Gene Hemoglobinopathies: A National Database Study Camila De Avila, Paul Martinez, Prithvi Raj Sendi Keshavamurthy, Balagangadhar Totapally

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- #144 Comparison of Fixed Versus Weight-Based Prothrombin Complex Concentrate Dosing in Cardiac Surgery Marjorie C. Peck, Kena Lanham, Todd L. Foster
- #1284 Outcomes From the Gift of Life International Surgery
 Registry
 Heather Slusser, Travis Vesel, Rodrigo Soto, Rebeca Pérez,
 Cynthia Rosario, Tatiana Albuquerque, Laura Santana, Juan
 Leon
- #1108 Low-Dose Versus High-Dose Tocilizumab in COVID-19
 Patients With Hypoxic Respiratory Failure
 Wai Man Wang, Xian Jie Chen, Juri Chung, Wai Kin
 Li, Shahidul Islam, Diana Altshuler, Peter Spiegler, Shari
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SILVER SNAPSHOT AWARDS

- #859 STOP-Trauma: Structured Team-based OPtimal critical care for Trauma victims

 Simon Zec, Anna Masoodi, Aysun Tekin, Dmytro Dziuba,
 Anna Yelina, Oleg Loskutov, Oleksandr Bugai, Meghan
 Brown, Lucrezia Rovati, Claudia Castillo Zambrano, Sara
 Nas-Zec, Linh Vu, Alexey Khavruchenko, Grygorii Khytryi,
 Roohi Ali, John Litell, Autumn Brogan, Yue Dong, Ognjen
 Gajic, Alexander Niven
- #256 Family Financial Hardship Before and After Pediatric Critical Illness Erin Carlton, Michelle Moniz, John Scott, Hallie Prescott, Nora Becker
- #959 Tracheostomy in Pediatric Oncology and Hematopoietic Stem Cell Transplant Populations Sinead Murphy Salem, Jennifer Perez, Christine Duncan, Steven Staffa, Robert Graham
- #813 Opioid and Sedative Use in Adult ICUs: AduLt iatrogEnic withdRawal sTudy in the ICU (ALERT-ICU)

 Scott Bolesta, Kathryn Smith, Céline Gélinas, Marc Perreault,
 Lisa Burry, Rebekah Eadie, Federico Carini, Jamie Harpel,
 Ryan Stewart, Richard Riker, Brian Erstad
- #899 Comparison of Corticosteroid Dosing in Noninvasive Positive Pressure Ventilation COVID-19 Patients Sara Voisard, Erica Krantz, Jatandra Birney
- #821 A Survey of Critical Care Pharmacists on Prophylactic Enoxaparin Dosing Practices in Trauma Patients Sydney McNeill, Kelsey Ladd, Brandon Hobbs, Kaitlin Alexander, Xi Liu-DeRyke, Chadwick Smith
- #136 Evaluation of Outcomes in the Management of Unfractionated Heparin in Impella Heart Pumps Brittany Curran, Kristen Carter, Jennifer Fusakio, Lindsey Federle
- #1315 Utility of Cervical Spine Flexion-Extension Radiography Following Pediatric Blunt Trauma Injury Jeff Zhang, Janet Umenta, Adil Ali, Renee Reynolds, Phillip Ham, Richard Thomas, Ravi Piryani, Zain Izhar, Brian Wrotniak, Anil Swayampakula

- #376 Evaluation of Corticosteroid Use and Secondary Infection Rates in Critically Ill COVID-19 Patients Emily Nicholson, Ashley Holmes, Adham Mohamed, Shelby Shemanski, Timothy Berry, Laura Aragon, Nick Bennett, Majdi Hamarshi, Andrew Schlachter
- #275 Using Multiple Goals Theory to Design a Workbook to Prepare Families for ICU Family Meetings Lauren Van Scoy, Allison Scott, Jacob Higgins, Pamela Witt, Maria Katsaros, Michael Green

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- #507 Plasma Biomarkers as Prognostication in Patients Receiving Extracorporeal Membrane Oxygenation

 Shrey Kapoor, Lavienraj Premraj2, Allen Everett, Jie Zhu, Sung-Min Cho
- #247 Epidemiology and Prevalence of Lung Disease Among E-Cigarette Users in the USA: A National Study Aasa Deepika Kuditipudi, Sudha Dirisanala, Naga Ganti, Srishti Laller, Inemesit Williams, Shafaq Taj, Kunwardeep Singh Arora, Ayesha Hameed, Yadanar Win Lei, Vikram Samala Venkata, Sachin Gupta, Raghavendra Tirupathi, Urvish Patel
- #117 Differences in Post-Intensive Care Syndrome Sequelae Between ARDS and COVID ARDS Survivors Brian Peach, Mary Sole, Maireni Nunez, Sanyerys Diaz
- #1309 Extracorporeal Membrane Oxygenation for Trauma
 Patients: A Single-Center 5-Year Retrospective Review
 Maria Tecos, Keely Buesing, Brett Waibel, Kevin Kemp, Nicole
 Scriven, Charity Evans, Mark Hamill
- #1254 In-Hospital Outcomes Among Patients Presenting With Pulmonary Embolism Complicated by Shock Kelechi Weze, Nformbuh Asanmbeng, Eric Chang, Yasir Taha and Melvin Echols
- #1184 Prevalence, Risk Factors, and Outcomes Associated With Delayed Second Doses of Antibiotics in Sepsis Meghan Cook, Brian Schuler, Michael Schontz, Kevin McLaughlin, Kenneth Lupi, Jeremy DeGrado, Chanu Rhee
- #994 Continuation of Newly Initiated Intensive Care Therapies at ICU Discharge

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- #1084 Acute Kidney Injury and Augmented Renal Clearance Risk Factor Assessment in Patients With COVID-19 Nicholas Nelson, Nicholas Farina, Denise Rhoney
- #349 Evaluating Concordance Between Lab Hemoglobin/ Hematocrit and Point-of-Care Tests in Pediatric ECMO Jordan Lull, Louisa Sethi, Kathleen Nicol, Robin Alexander, Jennifer Muszynski
- #453 Predictive Value of MRSA Nasal Swab in Patients With Covid-19 And Secondary Bacterial Pneumonia Shaun Rowe, Megan McClam, Shauna Winters, Pearson Balatow, MaryKathleen Ryan

CASE REPORT SNAPSHOT 1ST PLACE

#774 Use of Droxidopa for Hemodynamic Support and Vasopressor Weaning in the Intensive Care Unit Melissa Noble, Katlynd Sunjic, Kevin Ferguson

CASE REPORT SNAPSHOT 2ND PLACE

#159 Left Ventricular Apical Thrombus After COVID-19
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Kathryn Swaby, Jaime Alkon, Sainathan Sandeep,
Amanda Alladin, Frances Rodriguez Ramos, Estefania R.
Niewialkouski, Alessandra Milesi-Halle, Melvin Almodovar,
Jennifer Munoz Pareja

CASE REPORT SNAPSHOT 3RD PLACE

#914 Sepsis in the Stream: Severe Legionella and Histoplasma Pneumonia Acquired From Spring Water Natalie Street, Shawnt Tosonian, Elman Urbina, Phillip Dougherty, Megan Edwards

BETTER TOGETHER



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