



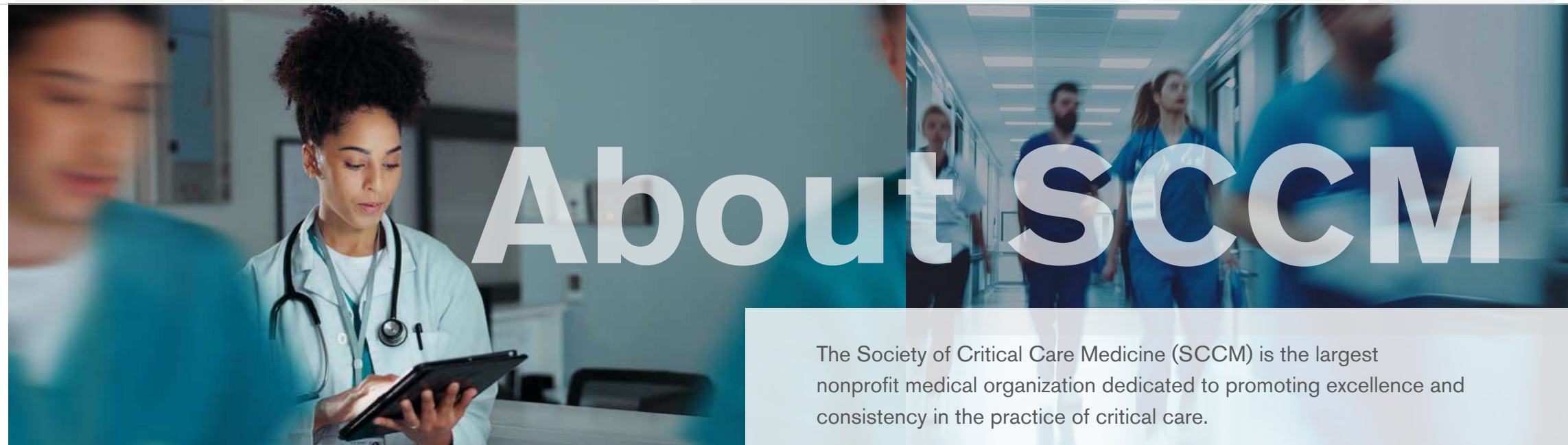
Society of
Critical Care Medicine

The Intensive Care Professionals

**2024
ANNUAL REPORT**

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The Society of Critical Care Medicine (SCCM) is the largest nonprofit medical organization dedicated to promoting excellence and consistency in the practice of critical care.

SCCM's mission is to secure the highest-quality care for all critically ill and injured patients.

Envisioned Future

SCCM envisions a world in which all critically ill and injured persons receive care from a present integrated team of dedicated trained intensivists and critical care specialists. Multiprofessional teams use knowledge, technology and compassion to provide timely, effective, safe, efficient, and equitable patient-centered care.

Diversity Statement

SCCM values and seeks diversity and inclusive practices within the critical care profession and within the SCCM organization. SCCM promotes involvement, innovation, and expanded access to leadership opportunities that maximize engagement across diverse populations. SCCM will provide leadership and will commit time and resources to accomplish this objective, focusing particularly on increasing participation of underrepresented groups. Securing the highest-quality care for all critically ill and injured patients is our goal.

This report highlights SCCM's 2024 fiscal year initiatives, milestones, and achievements spanning October 2023 through September 2024.

Society of Critical Care Medicine



The Intensive Care Professionals

Strategic Planning

SCCM members play a crucial role in cultivating new ideas and initiatives. Submitting a strategic planning proposal is one way to engage with SCCM and be a part of its mission to improve critical care. The process for submitting proposals has been revised to increase the probability of acceptance by ensuring that the submitted proposals are appropriately aligned with the strategies outlined by the SCCM Council and are completed with the assistance of staff and volunteer leadership. The process begins with the submission of a letter of intent for a proposal. Letters of intent may be submitted at any time. Learn more at sccm.org/governance.

Guiding Principles

Promote a **healing, safe, and effective critical care environment** for patients, their families, and caregivers wherever critical care occurs across the healthcare continuum.

Promote the implementation of an integrated team of dedicated experts in the ICU for delivery of the **highest-quality, safest, most effective, and most cost-efficient critical care**.

Advocate to patients, the public, and policymakers that critical care is a **compassionate, patient-centered discipline**.

Advocate career pathways in both research and clinical critical care that will attract and retain a quality team of personnel dedicated to **improving the care of critically ill and injured patients**.

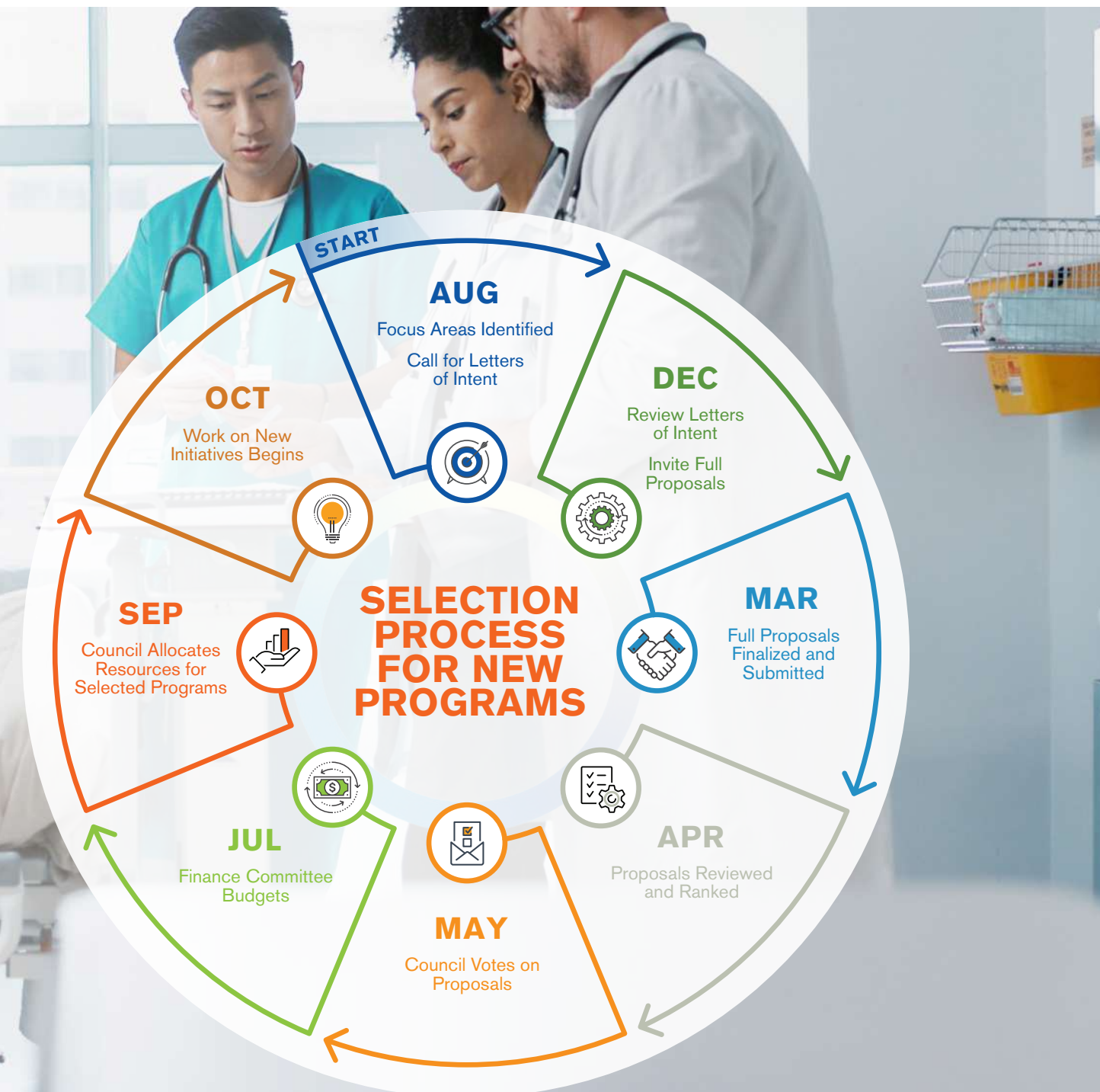
Provide the **finest education** for healthcare professionals, the public, and policymakers regarding optimal delivery of critical care.

Promote and support **quality research** into all aspects of critical illness and injury.

Promote measurement of outcomes and processes to inform and **improve patient care**.

Promote **member participation** in quality improvement activities.

Foster **development** of critical care practitioners and leaders.



Highlights of the Year

2023

October

- SCCM launches updates to the Fundamental Critical Care Support: Obstetrics course to include content on mechanical ventilation, trauma, cardiac conditions, and neurocritical care in pregnancy.
- SCCM launches Critical Care Confiden**CE**, a free self-assessment tool exclusively for Select and Professional members.

November

- SCCM and the Infectious Diseases Society of America Guidelines for Evaluating New Fever in Adult Patients in the ICU releases in *Critical Care Medicine*.
- SCCM launches the Advanced Critical Care Ultrasound: Echocardiography Learning Lab (now known as Critical Care Ultrasound: Advanced Echocardiography).

December

- SCCM collaborates with emTRUTH to leverage data from Discovery, the Critical Care Research Network, to work toward the seamless and secure sharing of research data.

2024

January

- SCCM features a record number of guidelines and research manuscripts at the 2024 Critical Care Congress.
- SCCM pilots the Point-of-Care Ultrasound in Life Support and Sepsis course (now known as Critical Care Ultrasound: Life Support and Sepsis).
- SCCM launches the Sepsis and Septic Shock Community on SCCM Connect.
- SCCM updates Current Concepts in Adult Critical Care to include guidance on fluid management, hemodynamic assessment, sepsis diagnosis and treatment, oncologic critical care, and more.
- SCCM pilots the Immigrant Critical Care Professional (ICCP) Mentorship Program.
- SCCM begins a project funded by the Council of Medical Specialty Societies on the type of feedback ICU clinicians should deliver to referring clinicians for patients with sepsis.
- SCCM launches the Telecritical Care Medicine Section.

February

- SCCM's Diversity, Equity, and Inclusion (DEI) Committee develops a lexicon to assist with engaging in meaningful dialogue and fostering a culture of respect and inclusion.
- SCCM's Quality and Safety Committee begins producing a podcast series about retention of ICU clinicians, which runs throughout 2024.

March

- SCCM is honored by the Edwards Lifesciences Foundation for having the greatest impact on patient recovery among 70 partners as part of their Every Heartbeat Matters campaign.
- SCCM launches the Airway and Mechanical Ventilation Management course.
- SCCM releases the SCCM Reviewer Academy, designed to improve the quality of reviews of manuscripts submitted to SCCM journals.
- SCCM establishes the Environmental Sustainability in the ICU Task Force to heighten awareness of the environmental impact of ICU care and to provide actionable solutions for clinicians to increase environmental sustainability of critical care.
- SCCM's Leadership, Empowerment, and Development (LEAD) Program launches the Leadership and Management: Enhance Professional Skills online course.

April

- SCCM launches the International Critical Care Examination, which covers core critical care topic areas and consists of 100 questions, including rationales and references.
- SCCM releases an updated Advanced Pharmacotherapy in Critical Care, which helps pharmacy professionals prepare for the Critical Care Pharmacy Specialty Examination.

May

- SCCM's open-access journal, *Critical Care Explorations*, is accepted for indexing in Medline, the National Library of Medicine's subset database of PubMed.
- SCCM launches an updated Self-Assessment in Pediatric Multiprofessional Critical Care.
- SCCM hosts an Ultrasound Learning Center at the American Association of Critical-Care Nurses National Teaching Institute and Critical Care Exposition (NTI), introducing more than 300 nurse attendees to point-of-care ultrasound.

June

- SCCM releases a Deep Dive course on brain death based on updated consensus-based guidelines.

July

- SCCM announces that its journals *Critical Care Medicine* and *Pediatric Critical Care Medicine* will transition to fully online starting in January 2025.
- SCCM launches the ARDS Innovation Knowledge Education Group (KEG).
- SCCM hosts a Datathon where more than 70 participants, including critical care clinicians, data scientists, and researchers, come together to use data science to solve critical care problems.

August

- SCCM hosts Fundamental Critical Care Support training in the Gambia as part of the Africa Infrastructure Relief and Support (AIRS) project.
- Members of SCCM, Direct Relief, Johns Hopkins University, and the Institute of Global Perioperative Care (IGPC) travel to Sierra Leone and the Gambia to participate in the commissioning ceremonies to celebrate the completion of AIRS project milestones.
- SCCM's Career Central receives a refresh to better help members' career development.

September

- SCCM holds two webcasts, Neuropharmacology and The Latest in Neuroprognostication, to supplement the Neurocritical Care Review course.
- SCCM joins the Acute Care Action Network (ACAN), a global alliance of key stakeholders committed to saving millions of lives by strengthening access to quality emergency, critical, and operative care services worldwide.

Message From Leadership

As we look back at the 53 years since SCCM was founded, we are pleased to report that the Society is robust and doing more than ever to improve the care of critically ill and injured patients worldwide. We are living through a time of historic challenge and opportunity. The world faces ongoing economic, social, and geopolitical volatility. There is significant human suffering on much of the planet, and the outcome of situations such as those in Ukraine and the Mideast could have far-reaching effects in the short and long term. Global economies, particularly in the United States, are rebounding with inflation slowing, but several critical issues remain, including large fiscal deficits in high-resource countries that may impact healthcare and related research funding and remilitarization of much the world.

We have entered a new age of AI technology that may fundamentally transform patient care. The number of clinicians working in ICUs has declined as many, frustrated and exhausted, have left the field, resulting in an acute shortage of clinicians and increasing patients' vulnerability. However, as you can see in this report, SCCM's programs are thriving as we seek to address these challenges.

Our traditional major activities such as educational programs for trained critical care clinicians, which were heavily impacted during the pandemic, continue to recover. Newer activities, such as the Society's research and humanitarian programs that flourished during the pandemic, continue to grow during this period of transition. The SCCM Council continues to invest in major expansion of our research and quality improvement endeavors. Discovery, the Critical Care Research Network, has expanded into data science activities, including developing more critical care data scientists and using data science to solve problems in critical care. We have significantly expanded our capacity to produce evidence-based clinical practice guidelines, publishing four in 2024 alone. And we are envisioning the future and developing manuscripts on leading-edge topics such as the potential use of biomarkers in critical care.

While SCCM has always been an international organization, our expansion into global health activities has been a major focus in recent years. No longer just offering membership and education to colleagues around the world, we have expanded our humanitarian activities as we work closely with those in war zones and build sustainable oxygen infrastructure in low-resource hospitals where much of our training cannot be implemented when patients do not have access to this simple lifesaving therapy. With our headquarters near Chicago, regional offices in Beijing, and our soon-to-open office in Dubai, SCCM has also expanded its hosted training programs and, through funding partners, provides free training to those in low-resource areas both in the United States and globally. The Society continues to work with our partners to bring needed pharmaceuticals, medical supplies, and equipment to hospitals most in need.

SCCM is a global nonprofit public charity chartered to improve care of critically ill and injured patients worldwide. We work to support all critical care clinicians and the patients they serve, no matter where they are located, regardless of politics. Our meetings, events, and training activities occur all over the world and throughout the United States. We bring our programs to where they will have the most impact, even if those areas are fraught with political conflict. SCCM remains a consequential organization because it has adapted to many paradigm shifts, from education to research to humanitarian support. Today, we continue to adapt. Our mission remains consistent and guides us in every decision we make. A global leader in healthcare, we are a force for good, helping unlock the best care possible for critically ill and injured patients in every country, community, and setting. The continued support of SCCM members, donors, sponsors, advertisers, and organizational partners is most appreciated. Our collective efforts have a major impact on the care of critically ill and injured patients everywhere.

Sincerely,

**Lauren R. Sorce, PhD, RN,
CPNP-AC/PC, FAAN, FCCM**
President 2024



**Vinay M. Nadkarni, MD
MS, FCCM**
SCCM Past President



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



2024 SCCM Executive Committee and Council



President
Lauren R. Sorce, PhD, RN,
CCNP-AC/PC, FAAN, FCCM



President-Elect
Jose L. Pascual, MD, PhD,
FRCS(C), FACS, FCCM



Susan L. Evans, MD, MBA,
FACS, FCCM



Anthony T. Gerlach, PharmD,
FCCM



Kyle J. Gunnerson, MD, FCCM



Past President
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FCCP, FCCM



Thomas A. Nakagawa, MD,
FAAP, FCCM



Stephen M. Pastores, MD, MACP,
FCCP, MCCM



Jose Javier Provencio, MD, FCCM

Council Members



Sheila A. Alexander, BSN, PhD,
RN, FCCM



Donna Lee Armaignac, CCNS,
CCRN-K, PhD



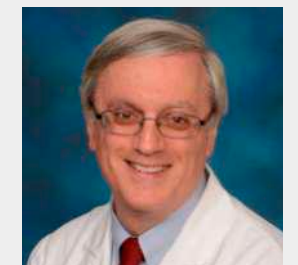
Marie R. Baldisseri, MD,
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Gloria M. Rodriguez-Vega, MD, MCCM



Asha N. Sheno, MD, FCCM



Samuel A. Tisherman, MD, FCCM

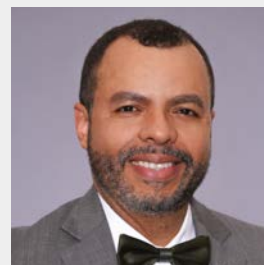
Honorary Council Members



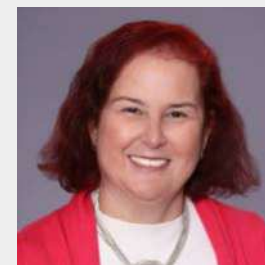
Jeffrey F. Barletta, BS, PharmD,
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Gretchen M. Brophy, PharmD,
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Jose L. Diaz-Gomez, MD,
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Sandra M. Swoboda, DNP, RN,
MSN, FCCM



Daniel Wu, DO, FACS, FCCM

Membership

Member Demographics

17,000+ Members

in more than 80 countries worldwide

What Are Member Types?

To meet the individual needs of a diverse membership, SCCM offers three member types: **Select, Professional, and Associate.**

Members can choose the membership level with the benefits that fit their professional journey.

Select Member

Maximize Your Membership Experience

Designed for those ready to shape the future of critical care and innovate the field

Professional Member

Advance Your Expertise and Impact

Ideal for established critical care professionals seeking to grow their careers

Associate Member

Your Pathway to Critical Care Excellence

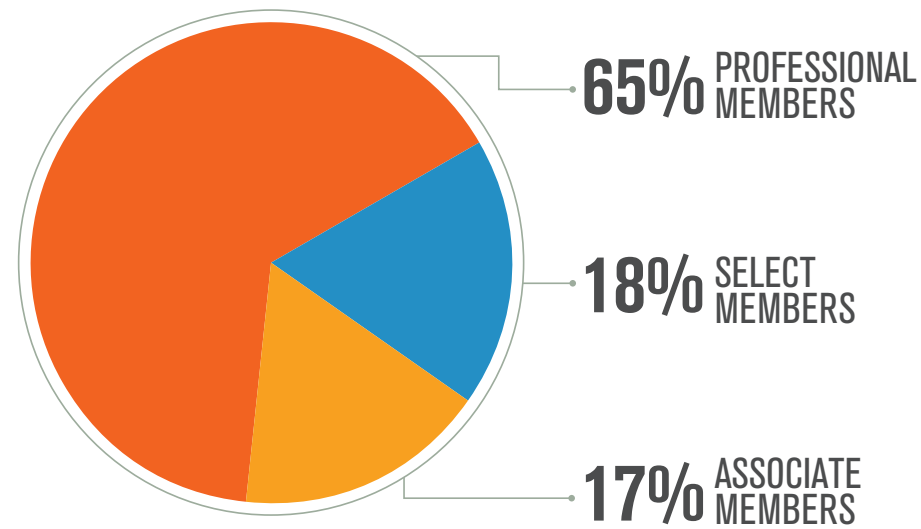
Perfect for students, early-career professionals, and those new to critical care

Learn more about member types at sccm.org/join.

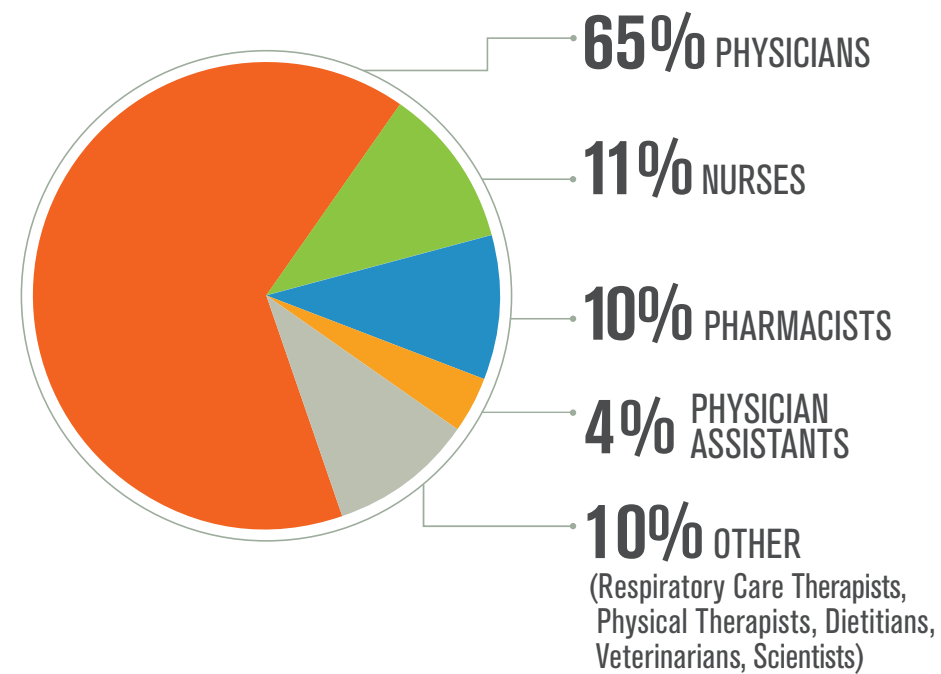
Member Demographics

Continued

Members by Type

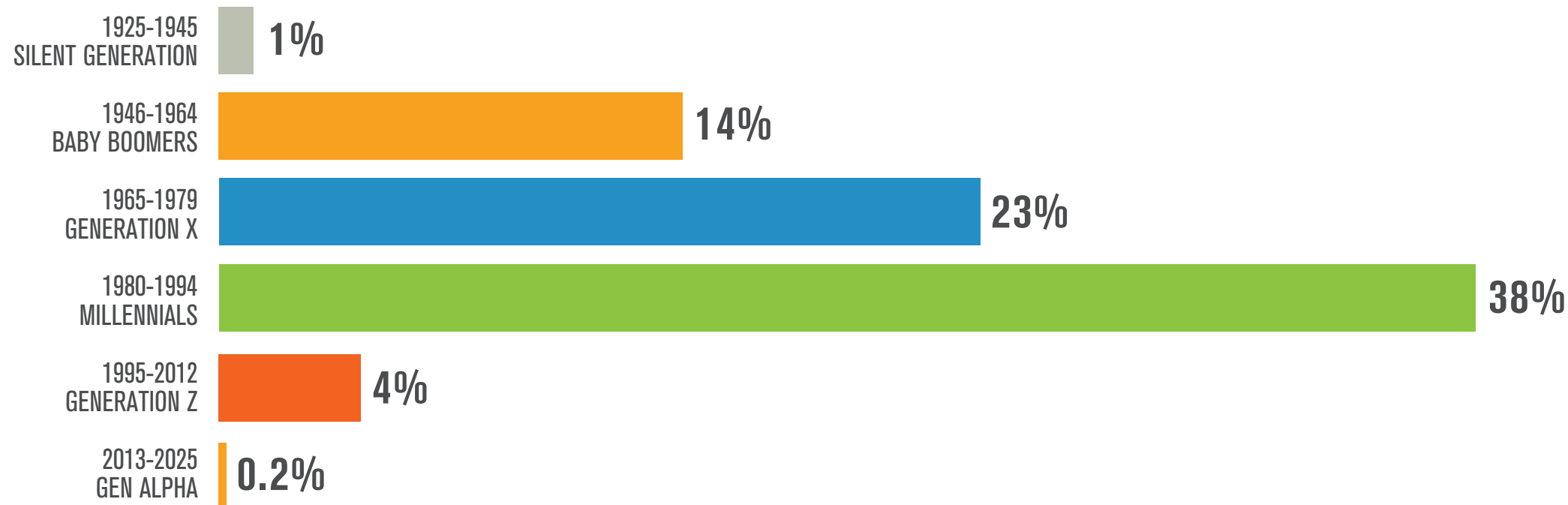


Members by Profession

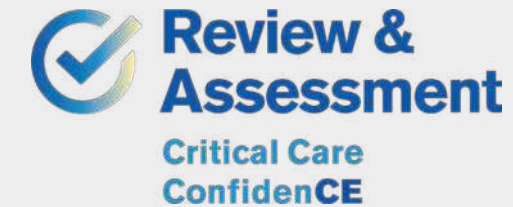


Members by Age*

*Based on self-reported demographic data. Approximately 20% of members have not reported age demographic data.



New for Members



SCCM has introduced Critical Care Confidence, a free self-assessment tool exclusively for Select and Professional members. This new benefit offers:

- Self-assessment of critical care knowledge for board review or to improve skills
- Ongoing education for knowledge maintenance
- Opportunity to earn accredited continuing education (ACE) credits and maintenance of certification (MOC) points

Critical Care Confidence exemplifies SCCM's commitment to advancing member education and professional development in the field of critical care.

Find out more at sccm.org/confidence



SCCM's Career Central, powered by Health eCareers, received a refresh. Career Central is a comprehensive professional development resource for critical care professionals. The updated platform includes:

- Daily job postings from leading employers
- Customizable job alerts
- AI-powered career tools, including a cover letter generator and CV/resume reviews
- Tailored resources for critical care professionals to navigate the job search

The updated platform provides enhanced support to SCCM members' career development and connects them with opportunities in the field.

Take charge of your career at sccm.org/careercentral

Connections Are Critical

The critical care community is better together! SCCM provides pathways and opportunities for connection that are vital for nurturing professional development, advancing research and best practices, and building lasting friendships.



SCCM relies on its Creative Community, the more than 2000 members who volunteer for committees, task forces, and other groups to generate the cutting-edge education and activities on which our members rely. SCCM owes a debt of gratitude to these dedicated professionals who help advance the mission of the organization.

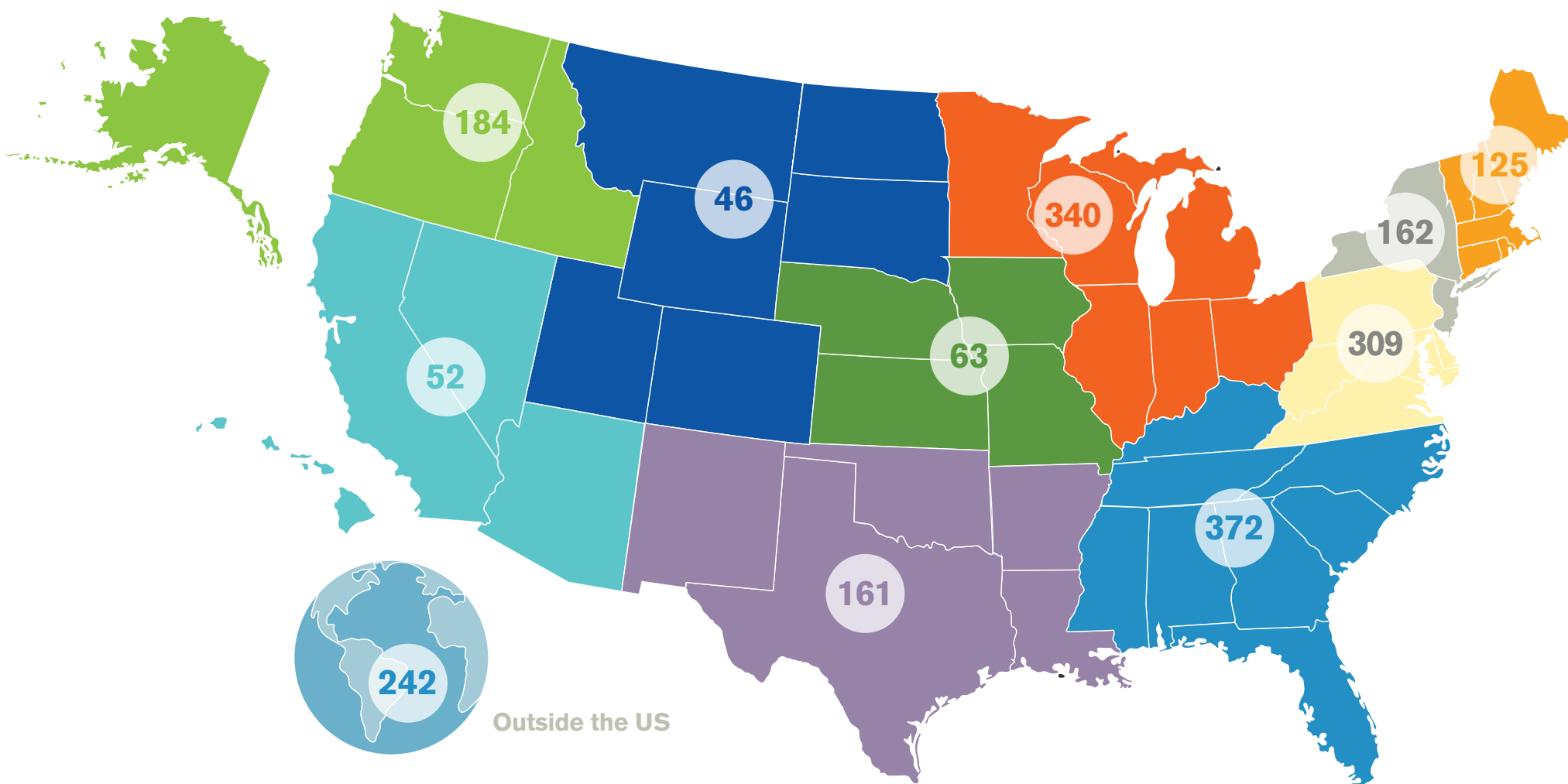
Specialty Sections

Specialty sections bring together members with similar interests to advance the specialty. Get involved, be inspired, and help advance the specialties that matter most to you through unique projects and educational programming.

Network with your group using SCCM Connect and provide nominations for SCCM's Council, planning divisions, committees, and task forces and participate in the annual selection of awards.

SCCM members can join up to three specialty sections at sccm.org/sections!

Creative Community Geographic Distribution



Sections	Members
Anesthesiology	1798
Clinical Pharmacology and Pharmacy	2733
Emergency Medicine	2454
Industry and Technology	739
Internal Medicine	3683
In-Training	1348
Neuroscience	2181
Nursing	1480
Osteopathic Medicine	365
Pediatrics	1869
Physician Assistant	704
Research	2454
Respiratory Care	2240
Surgery	2745
New! Telecritical Care Medicine	259
Uniformed Services	409

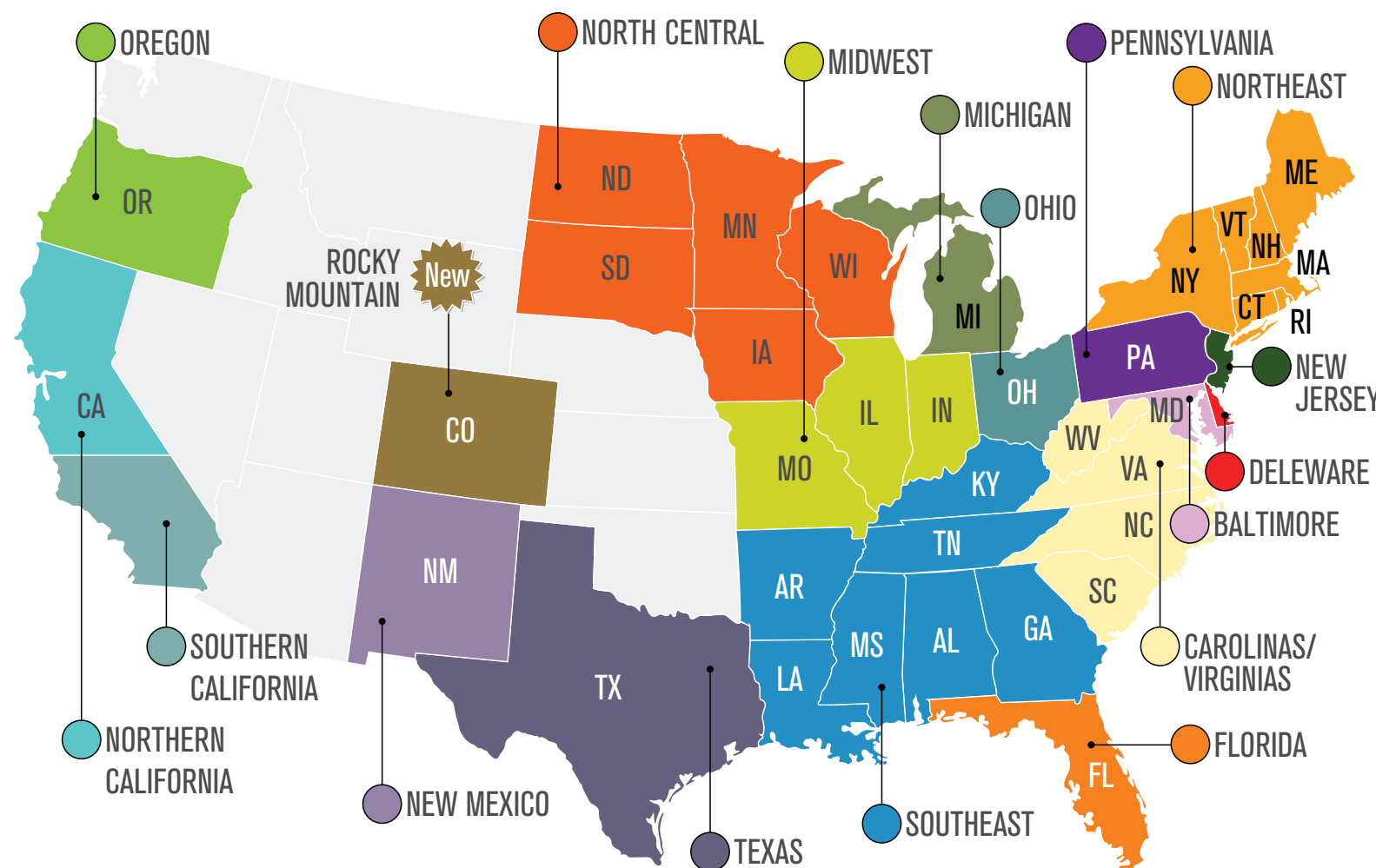
Connections Are Critical

Continued

Chapters

Chapters connect critical care professionals regionally across the United States. Eighteen chapters provide vehicles for members to exchange information, network with other local critical care practitioners, and discuss the impact of national issues in their communities. Learn more about joining SCCM's chapter network at sccm.org/chapters.

Chapters	Members
Baltimore	189
Carolinas/Virginias	473
Delaware	45
Florida	417
Michigan	232
Midwest	428
New Jersey	192
New Mexico	50
North Central	118
Northeast	525
Northern California	213
Ohio	355
Oregon	97
Pennsylvania	388
Rocky Mountain	125
Southeast	526
Southern California	261
Texas	608



Knowledge Education Groups

Knowledge education groups (KEGs) gather members together to collaborate and share their passions about clinical and professional interests.

KEGs	
	New! ARDS Innovation
	Billing and Documentation
	Critical Care Clinicians in Practice
	Critical Care Organizations
	Data Science
	Ethics
	Geriatric
	Global Outreach
	Palliative Care
	Under-Represented in Critical Care
	Women in Critical Care

SCCMCONNECT

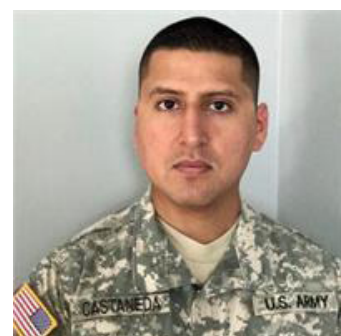
No matter which SCCM community you belong to, SCCM Connect is the place to network and engage with colleagues who are in your field (sections), located in your region (chapters) or share your interests (KEGs).

Visit sccm.org/connect to find your critical care community!

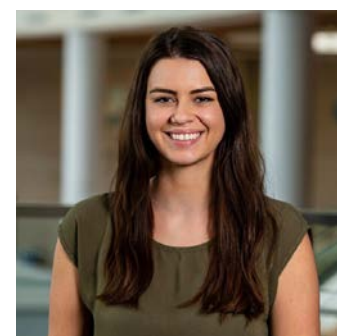
Most Engaged on SCCM Connect



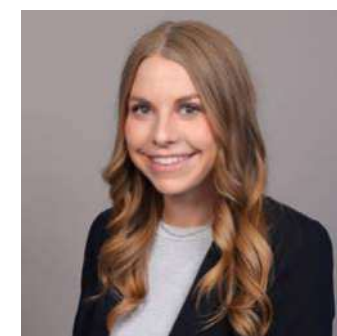
Naheel Said, PharmD



Javier Amador-Castaneda, RRT, BHS, FCCM



Katherine Spezzano, PharmD, BCCCP, MBA



Alicia J. Sacco, PharmD, BCCCP, FCCM



Kristi Soyoung Kim, PharmD, BCCCP

Join more than
6500
Discussions

50 Active
Groups

Getting the Message Out

Critical Connections

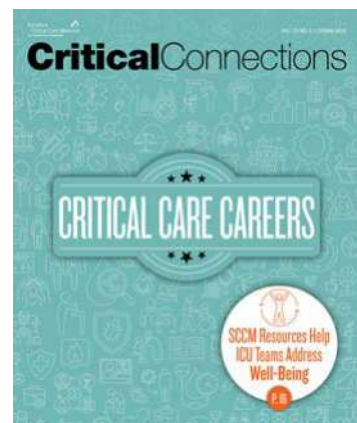
Critical Connections, SCCM's quarterly newsmagazine, provides information on cutting-edge topics in critical care useful to the entire multiprofessional team. Each issue includes articles focused on clinical topics authored by SCCM members as well as updates about SCCM activities and successes. Find these issues and more at sccm.org/criticalconnections.



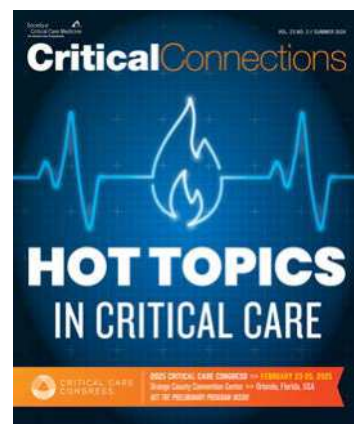
Fall 2023
2024 Critical Care Congress



Winter 2024
Improving Quality in Critical Care



Spring 2024
Critical Care Careers



Summer 2024
Hot Topics in Critical Care

SCCM Blogs

SCCM publishes regular blogs with commentary from subject matter experts and updates on important activities and achievements. Read more at sccm.org/blog.

Top SCCM Blogs

<p>June 2024</p> <p>CONCISE CRITICAL APPRAISAL</p> <p>Breathing Easier: Evolving Strategies in Ventilator Liberation Guidelines</p> <p>This Concise Critical Appraisal discusses the major changes to the ventilator liberation guidelines, including completing spontaneous breathing trials before noon but not requiring low-level pressure ...</p>	<p>March 2024</p> <p>Critical Care Medicine Editor-in-Chief Jonathan E. Sevransky, MD, MHS, FCCM</p> <p>SCCM Welcomes New Editor-In-Chief of Critical Care Medicine</p> <p>The Society of Critical Care Medicine (SCCM) has named Jonathan E. Sevransky, MD, MHS, FCCM, as the new editor-in-chief of <i>Critical Care Medicine</i>, starting in October 2024.</p>	<p>February 2024</p> <p>CONCISE CRITICAL APPRAISAL</p> <p>Mechanical Circulatory Support With ECPR</p> <p>Does adding mechanical circulatory support to extracorporeal membrane oxygenation (ECMO) lead to better outcomes than ECMO alone? This Concise Critical Appraisal reviews a recent meta-analysis that co...</p>
<p>February 2024</p> <p>SCCM Critical Care Workforce Update 2023</p> <p>As an update to a 2019 workforce report, three committees from the Society of Critical Care Medicine evaluated critical care medicine's continued emergence from the COVID-19 pandemic, changes in...</p>	<p>December 2023</p> <p>CONCISE CRITICAL APPRAISAL</p> <p>Appropriate Antibiotic Delay in Bloodstream Infections: How Long Is Too Long?</p> <p>Does delaying antibiotic treatment in patients with bloodstream infections have an effect on mortality? This Concise Critical Appraisal reviews a study on the impact that time-to-appropriate antimicro...</p>	

SCCM Digital Newsletters

SCCM publishes several digital newsletters bringing important critical care information to members and the critical care community! Sign up for updates at sccm.org/newsletter.



Newsletter	Circulation	Open rate
<p>SCCM News</p> <p>The SCCM Newsletter is delivered twice a month, providing updates about SCCM events, activities, and the latest in critical care.</p>	70,000	44%
<p>SCCM News, Select Edition</p> <p>This version of the SCCM Newsletter is delivered once a month to Select members and includes insight from SCCM leadership and special offers for Select members.</p>	2700	60%
<p>Critical Pulse</p> <p>This digital newsletter is delivered to Select and Professional members and shares breaking news and headlines on critical care curated by clinical experts.</p>	10,000	54%

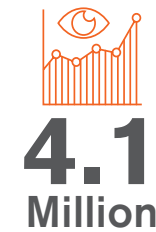
Getting the Message Out

Continued

SCCM.ORG

The SCCM website is your source for everything going on in the Society. Access education to enhance your practice, the latest advancements in the field of critical care, podcasts, webcasts, and more at sccm.org.

Web Page Views



New Website Users



Top Pages



SCCM Home
sccm.org



Surviving Sepsis Campaign
survivingsepsis.org

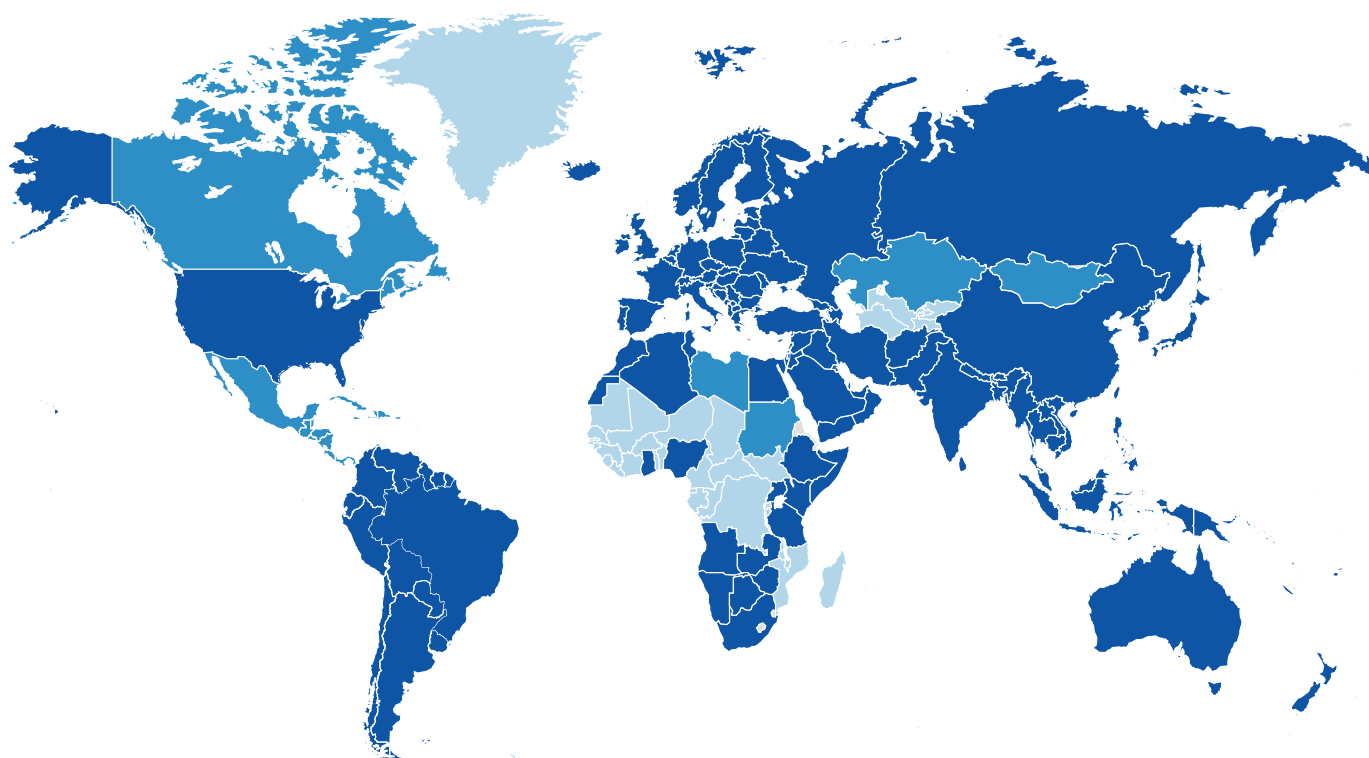


Critical Care Congress
sccm.org/congress



Guidelines
sccm.org/guidelines

Website Users by Country



Country	Users
United States	902K
India	59K
United Kingdom	39K
Canada	37K
Mexico	27K
Brazil	24K
China	20K



PSST! You can find more social media information, including helpful infographics and social media templates to make generating and sharing content easy at sccm.org/social.

Social Media

Social Engagement Ambassadors

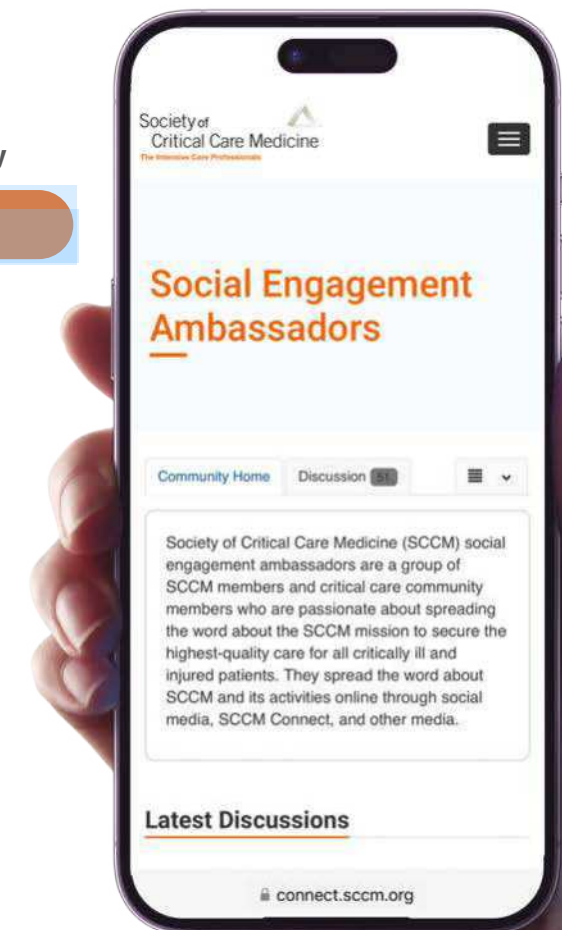
SCCM social engagement ambassadors are SCCM members and critical care community members who are passionate about the Society and its mission! The group has grown to include 300 members dedicated to spreading the word about SCCM and its activities online through social media and SCCM Connect.

What does an SCCM engagement ambassador do?

- Share what they love about SCCM and critical care, such as journal articles they find interesting or events they are excited about
- Get the scoop on SCCM events and activities with tips for how to share information with their networks
- Follow SCCM and its top influencers on their favorite social media platform
- Use **#SCCM** to help others curate and identify information

Become a Social Engagement Ambassador Today

[Learn More](#)





CRITICAL CARE
CONGRESS.

2024

Critical Care Congress

▲ Congress Is Your Solution for the Latest in Critical Care

SCCM's 2024 Critical Care Congress was held January 21-23, 2024, at the Phoenix Convention Center in Phoenix, Arizona, USA. It was a dynamic event showcasing the latest advancements and research in critical care with a record-breaking number of new articles and guidelines presented. The 2024 Congress featured more than 140 in-person and bonus sessions and offered the opportunity to earn more than 100 ACE credits and MOC points. Healthcare professionals enhanced their patient care skills, connected with like-minded peers, and explored the latest technology from industry partners in Connections Central.

Attendees engaged in new networking opportunities, including several section receptions, the inaugural First-Time Congress Attendee Gathering, and the Early-Career Professionals Reception. Newcomers and early-career professionals received valuable tips on maximizing their Congress experience and beyond and had the chance to interact with leaders in the critical care field.

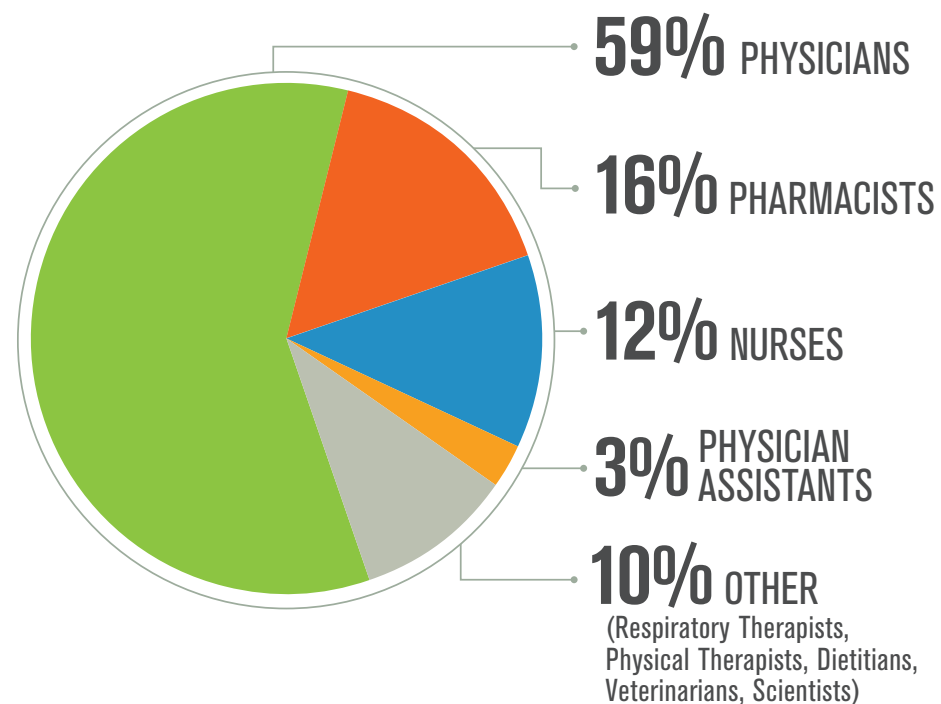


Congress Is Your Solution for the Latest in Critical Care

Continued

2024 Critical Care Congress Registrant Breakdown

Professional Distribution



More than 140 sessions brought attendees the latest in critical care.

Top Sessions

Rethinking Vasopressors:
Evolving Evidence and Emerging Concepts in Vasopressor Administration

Thought Leader:
Late-Breaking Studies That Will Change Your Practice

Thought Leader:
Fluids: From Theory to Bedside Practice in Hemodynamic Management of the Critically Ill

Thought Leader:
Crisis and Chaos: Pandemic Perspectives From the 20th U.S. Surgeon General

Flipping the Script:
Beta-Blockers in Shock

Accredited Continuing Education (ACE) Symposium

ICU Management of HRS/AKI and Multiorgan Failure in Patients With Decompensating Cirrhosis
Supported by an educational grant from Mallinckrodt Pharmaceuticals

Congress Industry Highlights



Connections Central (Exhibit Hall) during the 2024 Critical Care Congress was full of the latest technology, services, education, and career opportunities in critical care!



CRITICAL CARE CONGRESS.

138

exhibitors represented their companies and products.

50%

of congress attendees visited more than 10 booth in Connection Central.

Seven industry education workshops were held, with many filling up the allotted space.

10 sponsored, well-attended receptions were hosted, connecting industry partners with critical care clinicians.

Congress Literature

The [2024 Critical Care Congress](#) featured sessions on a record-breaking number of new journal articles, guidelines, and research from SCCM's three journals and other leading medical journals.

Late-Breaking Literature

Survival for Nonshockable Cardiac Arrests Treated With Noninvasive Circulatory Adjuncts and Head/Thorax Elevation

[Critical Care Medicine](#)

Conservative Versus Liberal Oxygenation Targets in Critically Ill Children (Oxy-PICU): A UK Multicentre, Open, Parallel-Group, Randomised Clinical Trial

[The Lancet](#)

Ceftriaxone to Prevent Early Ventilator-Associated Pneumonia in Patients with Acute Brain Injury: A Multicentre, Randomised, Double-Blind, Placebo-Controlled, Assessor-Masked Superiority Trial

[The Lancet Respiratory Medicine](#)

Association Between Nurse Copatient Illness Severity and Mortality in the ICU

[Critical Care Medicine](#)

The Effect of Computerised Decision Support Alerts Tailored to Intensive Care on the Administration of High-Risk Drug Combinations, and Their Monitoring: A Cluster Randomised Stepped-Wedge Trial

[The Lancet](#)

Stress Ulcer Prophylaxis Versus Placebo — A Blinded Pilot Randomized Controlled Trial to Evaluate the Safety of Two Strategies in Critically Ill Infants With Congenital Heart Disease

[Pediatric Critical Care Medicine](#)

Improving Outcomes in Mechanically Ventilated Adult ICU Patients Following Implementation of the ICU Liberation (ABCDEF) Bundle Across a Large Healthcare System

[Critical Care Explorations](#)

Timely Cessation of Proton Pump Inhibitors in Critically Ill Patients Impacts Morbidity and Mortality: A Propensity Score-Matched Cohort Study

[Critical Care Medicine](#)

Individualised, Short-Course Antibiotic Treatment Versus Usual Long-Course Treatment for Ventilator-Associated Pneumonia (REGARD-VAP): A Multicentre, Individually Randomised, Open-Label, Non-Inferiority Trial

[The Lancet Respiratory Medicine](#)

Immunomodulatory Therapy in Children with Paediatric Inflammatory Multisystem Syndrome Temporally Associated with SARS-CoV-2 (PIMS-TS, MIS-C; RECOVERY): A Randomised, Controlled, Open-Label, Platform Trial

[The Lancet Child and Adolescent Health](#)

Resuscitation With Vitamin C, Hydrocortisone, and Thiamin in Children With Septic Shock: A Multicenter Randomized Pilot Study

[Pediatric Critical Care Medicine](#)



Additional Research

International Consensus Criteria for Pediatric Sepsis and Septic Shock

[JAMA](#)

Development and Validation of the Phoenix Criteria for Pediatric Sepsis and Septic Shock

[JAMA](#)

SCCM Critical Care Workforce Update 2023

[Critical Connections](#)

Position Paper on the Reporting of Norepinephrine Formulations in Critical Care from the Society of Critical Care Medicine and European Society of Intensive Care Medicine Joint Task Force

[Critical Care Medicine](#)

Surviving Sepsis Campaign Research Priorities 2023

[Critical Care Medicine](#)

Management of Heat-Related Illness and Injury in the Intensive Care Unit: A Concise Definitive Review

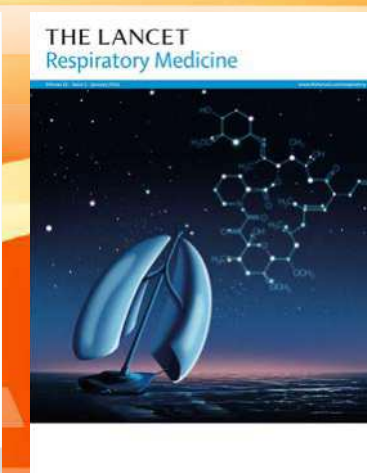
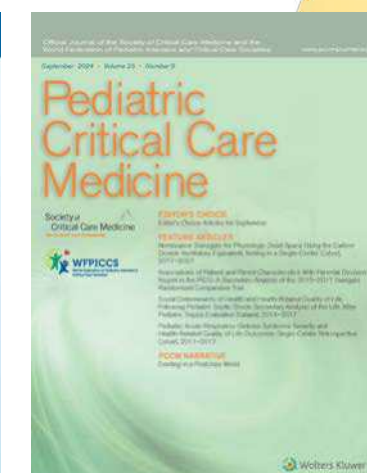
[Critical Care Medicine](#)

Gamification in Critical Care Education and Practice

[Critical Care Explorations](#)

Guidelines

Jump to the [guidelines section](#) to read more about what clinical practice guidelines SCCM has released this fiscal year.



2024 SCCM Award Recipients



SCCM honored the incoming class of fellows and masters of critical care medicine and award recipients during the 35th Annual American College of Critical Care Medicine (ACCM) Convocation and SCCM Awards Ceremony.

ACCM honors individuals whose achievements and contributions demonstrate personal commitment to critical care excellence. Fellow of Critical Care Medicine (FCCM) and Master of Critical Care Medicine (MCCM) are prestigious credentials that demonstrate personal commitment to critical care excellence.

Congratulations to the 2024 class of fellows and masters of critical care medicine and to all award recipients. SCCM honors your achievements and anticipates your continued dedication to excellence in the clinical and scientific tenets of critical care and its compassionate practice!

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.

Raul J. Gazmuri, MD, PhD, 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.

Thomas L. Higgins, MD, MBA, MCCM

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.

Texas 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.

Daniel S. Talmor, MD, MPH

Title of Presentation: Pulmonary Physiology at the Bedside

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.

Martin J. Ohlinger, PharmD, RPh, BCCCP, FCCM

Aarti Sarwal, MD, FCCM

William E. Dager, PharmD, BCPS, MCCM

Sandra L. Kane-Gill, PharmD, MSc, FCCM

DRS. 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.

Niels D. Martin, MD, FCCM

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.

Zena L. Harris, MD, 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.

Duke University Hospital Durham, North Carolina, USA Project: Interprofessional Education for Family Care During Resuscitation

FOUNDERS SPECIAL RECOGNITION AWARD

Sponsor: Society of Critical Care Medicine

Recognizes an individual for service and active participation in SCCM during the previous year.

Jose L. Diaz-Gomez, MD, MAS, FCCM

Mary J. Reed, MD, FCCM

John B. Sampson, MD

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.

Carrie S. Sona, BSN, CCNS, CCRN, MSN, FCCM

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.

Muhammad Faisal Khan, MD, FCCM

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.

Janice L. Zimmerman, MD, MACP, MCCM

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.

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

SAFAR GLOBAL PARTNER AWARD

Sponsor: Society of Critical Care Medicine

Recognizes an individual, hospital, or organization that expands the global reach of SCCM.

Antonio Joao Gandra D'Almeida, MD, MDM, FCCM

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.

Rebecca A. Aslakson, MD, PhD, FCCM

2024 SCCM Award Recipients

Continued

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.

UChicago Medicine Comer Children's Hospital Pediatric Intensive Care Unit Chicago, Illinois

- Cooper Roberts, Patient
- Keely and Jason Roberts, Mother and Father
- Luke Roberts, Twin Brother
- Jason M. Kane, MD, FCCM, ICU Director
- Lindsey Hambach, RN, Clinical Staff
- Maggie Webb, BSN, RN, CCRN, Clinical Staff



Cooper Roberts. Photo courtesy of Keely Roberts.



Cooper Roberts boxing during physical therapy. Photo courtesy of Keely Roberts.

Morristown Medical Center Surgical Intensive Care Unit Morristown, New Jersey

- Ian Azeredo, Patient
- Linda Farkas, Wife
- Julie Farkas, Sister-in-law
- Louis DiFazio, MD, ICU Director
- Cathryn Pcoroba MS, PA-C, Clinical Staff
- Renay Durling-Grover, APN-C Clinical Staff



Ian Azeredo recovering in his hospital bed several days after surgery. Photo courtesy of Ian Azeredo.



Ian Azeredo (center) and the Morristown Medical Center team. Photo courtesy of Ian Azeredo.



Local Impact

SCCM partnered with the Phoenix Area Indian Health Service (IHS) to provide education and resources to those who serve the Native American community. SCCM held an on-site Fundamental Critical Care Support (FCCS) training course for healthcare professionals at Phoenix Indian Medical Center (PIMC) January 17-18, 2024. SCCM provided IHS staff access to several in-person pre-Congress courses and offered free Congress registration to any staff who wanted to attend. SCCM also offered regional IHS staff the opportunity to take up to two SCCM online courses within the year following the 2024 Critical Care Congress.



2024 Masters and Fellows of Critical Care Medicine

Congratulations to these 2024 ACCM fellows and masters! These fellows and masters were commemorated at the 2024 Critical Congress during the Convocation.

Fellows of the American College of Critical Care Medicine

Qalab Abbas, MBBS, FCCM
 Hiba Abdel Aziz, MD, FCCM
 Javier Amador-Castaneda, BS, RRT, FCCM
 Marwa Amer, PharmD, BCPS, BCCCP, FCCM
 Suneesh C. Anand, MD, FCCM
 Megan E. Barra, PharmD, FCCM
 Kristina A. Betters, MD, FCCM
 Avi Bhavaraju, MD, FCCM
 Saptarshi Biswas, MD, FCCM
 Sarah L. Bloom, MSN, APRN, AGACNP-BC, FCCM
 Stephanie L. Bonne, MD, FCCM
 Michael G. Buscher Jr, DO, FCCM
 Jose Chavez, DNP, RN, CCRN, CNS, FCCM
 Joy Lo Chen, MD, FCCM
 Paul J. Chestovich, MD, FCCM
 Ronald Collier, MD, FCCM
 Melanie Smith Condeni, PharmD, BCPS, BCCCP, FCCM
 Jorge A. Coss-Bu, MD, FCCM
 Uyen Diep, PharmD, BCCCP, FCCM
 Michele Domico, MD, FCCM
 Tammy L. Eaton, PhD, RN, MSc, FNP-BC, FCCM
 Jessica L. Elefritz, PharmD, BCCCP, FCCM
 Mohamed S A Elfar, MD, MS, FCCM
 Rachelle Firestone, PharmD, BCCCP, FCCM
 Tara R. Flack, PharmD, BCCCP, FCCM
 Brigid C. Flynn, MD, FCCM
 Gabriel V. Fontaine, PharmD, MBA, BCPS, BCCCP, FCCM
 Marlena A. Fox, PharmD, BCPS, BCCCP, FCCM
 Rita Mamdouh Gayed, PharmD, BCCCP, FCCM

Shira J. Gertz, MD, FCCM
 Varsha P. Gharpure, MD, FCCM
 Kristina Goff, MD, FCCM
 Alok Gupta, MD, FCCM
 James F. Hall, MPH, MD, FCCM
 Scott A. Harvey, MD, MS, FACOG, FCCM
 Jeremiah Hayanga, MD, MPH, FCCM
 Christina J. Hayhurst, MD, FCCM
 Renee S. Hebbeler-Clark, MD, MS, FCCM
 Guillaume L. Hoareau, PhD, DVM, DACVECC, FCCM
 Brandon P. Hobbs, PharmD, BCPS, BCCCP, FCCM
 Andre Holder, MD, MS, FCCM
 Michelle Horng, PharmD, BCCCP, FCCM
 Remi Hueckel, DNP, CHSE, CPNP-AC, FCCM
 Anurag Johri, MD, FCCM
 Lesly V. Jurado Hernandez, PharmD, BCPS, BCCCP, BCNSP, FCCM
 Rahul Kashyap, MD, MBA, FCCM
 Syed A. Khan, MD, FCCM
 Francis Kirk, MD, FCCM
 Amy Kiskaddon, PharmD, BCPPS, FCCM
 Kirstin J. Kooda, PharmD, BCCCP, BCPS, FCCM
 Gerard Langlois, PA-C, MS, FCCM
 Anthony Y. Lee, MD, FCCM
 Jie Li, PhD, NPS, RRT, ACCS, FCCM
 Nazir A. Lone, MD, MPH, FCCM
 Marcos G. Lopez, MD, MS, FCCM
 Andrew D.J. Meyer, MD, MS, FCCM
 Odiraa Nwankwor, MD, MPH, FCCM

John C. O'Horo, MD, MPH, FCCM
 Komal Pandya, PharmD, BCCCP, FCCM
 Vikas Pathak, MD, MBA, FCCM
 Zhiyong Peng, PhD, MD, FCCM
 Michael A. Pizzi, PhD, DO, FCCM
 Lee A. Polikoff, MD, FCCM
 John J. Radosevich, PharmD, BCPS, BCCCP, FCCM
 Stephen Rappaport, PharmD, FCCM
 John P. Reilly, MD, MS, FCCM
 Shaun Rowe, MS, PharmD, BCCCP, FCCM
 Kelli Rumbaugh, PharmD, BCPS, BCCCP, FCCM
 Ramiro Saavedra Romero, MD, FCCM
 Alicia J. Sacco, PharmD, BCCCP, FCCM
 Gretchen L. Sacha, PharmD, BCCCP, FCCM
 Arun Saini, MD, MS, FCCM
 Pedro D. Salinas, MD, FCCM
 Melissa Santibanez, PharmD, BCCCP, FCCM
 Gregory P. Schaefer, DO, FCCM
 Jennifer Schultheis, PharmD, BCPS, BCCCP, FCCM
 Michael Semanco, PharmD, BCPS, BCCCP, FCCM
 Jay G. Shake, MD, MS, FCCM
 Naveed Ur Rehman Siddiqui, MBBS, FCPS, EPICdip, FCCM
 Sharmili Sinha, MD, EDIC, FCCM
 Lee P. Skrupky, PharmD, FCCM
 Angela A. Slampak-Cindric, PharmD, BCPS, BCCCP, FCCM
 Keaton S. Smetana, PharmD, BCCCP, MBA, FCCM
 Charlotte A. Thomas, DNP, AGACNP-BC, CCRN, FCCM
 Kathleen P. Thompson, MS, PA-C, FCCM
 Katri V. Typpo, MD, MPH, FCCM



Edward T. Van Matre, MS, PharmD, BCCCP, FCCM
 Shan Wang, PharmD, BCPS, BCCCP, FCCM
 Ceressa T. Ward, PharmD, BCPS, BCNSP, BCCCP, FCCM
 Natalie C. Washburn, PharmD, BCCCP, FCCM
 Alan G. Woodruff, MD, FCCM
 Jordan Yakoby, DNP, MBA, ACNP-BC, CCRN, CNE, FCCM
 Joanna Yohannes-Tomicich, MSN, NP-C, AGACNP-BC, FCCM

Masters of Critical Care Medicine

Heatherlee Bailey, MD, MCCM
 Sandralee A. Blosser, MD, MCCM
 Rob Grabenkort, PA, MMSc, MCCM
 Bruce M. Greenwald, MD, MCCM
 Keith M. Olsen, PharmD, MCCM
 John M. Oropello, MD, MCCM
 Stephen M. Pastores, MD, MACP, MCCM

Education for the Multiprofessional Team

SCCM provides a breadth of education focused on hot topics in critical care. Education is tailored for every member of the team, and new and exciting opportunities are always in development.



Top Educational Resources



SCCM released more than 30 podcasts, featuring interviews with authors from *Critical Care Medicine*, *Pediatric Critical Care Medicine*, and *Critical Care Explorations*. The SCCM Podcasts reached nearly one million listeners!

Learn more at sccm.org/podcast

Top 5 Podcasts

1. **SCCM Pod-483 CCM: Clinicians, Patient Outcomes, and Implicit Bias**
2. **SCCM Pod-476 CCM: The Evolving Story of the Pulmonary Artery Catheter**
3. **SCCM Pod-469 CCM: Method or Madness? Epidemiology of ICU-Onset Bloodstream Infection**
4. **SCCM Pod-503 Current Concepts: Toxidromes and Illicit Drug Abuse In the ICU**
5. **SCCM Pod-502 Current Concepts: Hemostatic Resuscitation for Traumatic and Nontraumatic Hemorrhage**



SCCM webcasts tackle late-breaking issues and the latest research. SCCM hosted more than 35 webcasts on a variety of hot topics.

Learn more at sccm.org/webcast

Top 5 Webcasts

1. **Urine Output Monitoring in Critically Ill Patients**
2. **The Latest in Neuroprognostication**
3. **Neuropharmacology**
4. **Safe De-Escalation of Care: Automating Clinical Pathways**
5. **Neuromonitoring at the Bedside**



SCCM's Resource Library, part of LearnICU, offers access to more than 1500 resources, from presentation recordings and assessments to microlearning and book chapters. SCCM members receive access to the complete library, organized by knowledge area, learning pathways, and keywords to help find the resources relevant to you.

Learn more at sccm.org/learnicu

Top Accessed SCCM Resource Library Materials

1. **The Serotonin Saga: When Venlafaxine Unleashed Chaos and ARDS**
2. **How to Save a Life: The Role of VA ECMO in a Young, Pregnant Woman with Newly Discovered Severe Pulmonary Hypertension**
3. **Clinical Considerations for Airway Management in Patients with Ankylosing Spondylitis**
4. **POCUS Point of Care Ultrasound Basic Echo Views**
5. **Emergency Department Pharmacy White Board**

New Courses and Opportunities

Deep Dives

Goals of Patient Care, Leadership, and Patient Flow

The Final Frontier of Sepsis Precision Medicine Online

Acute Kidney Injury and Organ Crosstalk During Critical Illness Online

Microbiomes: An Update on Our Ten Trillion Friends and How to Keep That Friendship

Brain Death



New Courses

Advanced Pharmacotherapy in Critical Care

Airway and Mechanical Ventilation Management

Critical Care Ultrasound: Advanced Echocardiography

(Originally Advanced Critical Care Ultrasound: Echocardiography Learning Lab)

Critical Care Ultrasound: Life Support and Sepsis

(Originally Point-of-Care-Ultrasound in Life Support and Sepsis)

Current Concepts in Adult Critical Care Online

Leadership and Management: Enhance Professional Skills Online

Self-Assessment in Pediatric Critical Care



Download the Educational and Clinical Resources guide to explore all that SCCM has to offer.

[Download Now](#)

Hosted Training

Providing Vital Skills Training Worldwide

SCCM's hosted training has been offered ever since the launch of the Fundamental Critical Care Support course in 1996. Hosted training courses are expert-developed learning that are licensed to institutions to train learners in a consistent, comprehensive manner.



SCCM offers a variety of training opportunities:



Fundamental Critical Care Support Course	Learners Trained
Fundamental Critical Care Support Now available in Polish	11,417
Fundamental Critical Care Support: Pediatrics	2994
Updated! Fundamental Critical Care Support: Obstetrics	854
Fundamental Critical Care Support: Resource Limited	129
Fundamental Critical Care Support: Surgical Now available in Spanish	690
Fundamental Critical Care Support: Crisis Management	276
Other Hosted Training Courses	
ICU Liberation	218
Multiprofessional Critical Care Review	462
Critical Care Ultrasound: Adult	303
Critical Care Ultrasound: Pediatric and Neonatal	104



New Hosted Training Programs!

Airway and Mechanical Ventilation Management

Launched in March 2024, Airway and Mechanical Ventilation Management highlights management strategies for critically ill patients and provides a practical guide for clinicians. Content covers common problems related to patient-ventilator interaction, unique challenges, obstacles, and options.

International Critical Care Examination

Launched in April 2024, the International Critical Care Examination covers core critical care topic areas and consists of 100 questions including rationales and references.

Learn more about how SCCM's programs can help your team improve patient care. Contact the Hosted Training Team at hostedtraining@sccm.org.

Discovery and Research



Discovery fosters multiprofessional collaborative research to improve outcomes for critically ill and injured patients and seeks to incorporate its findings into practice using SCCM's broad base of programs.

Since Discovery's 2017 inception, notable achievements include:

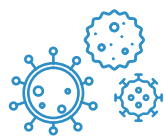
- **9 Discovery programs**
- **45 Discovery-endorsed projects**
- **More than 300,000 patients enrolled in Discovery studies**
- **More than 100 Discovery-related publications and abstracts published**

sccm.org/discovery



Discovery Projects Propelling the Future of Critical Care

Discovery Programs



VIRUS

Discovery's **Viral Infection and Respiratory Illness Universal Study (VIRUS) COVID-19 Registry** is a multicenter collaboration led by SCCM, Mayo Clinic Rochester, and Boston University. SCCM is the clinical coordinating center and Mayo Clinic is the data coordinating center for this cross-sectional observational study and registry of all eligible adult and pediatric patients admitted to a hospital with COVID-19.

As of September 2024, nearly 50 articles have been published based on VIRUS registry data.



CURE ID

VIRUS Registry sites are participating in the SCCM and CURE Drug Repurposing Collaboratory (CDRC) program on **CURE ID: Aggregating and Analyzing COVID-19 Treatments from EHRs and Registries Globally**. The program is crowdsourcing the global medical community for their experience using repurposed drugs to treat infectious diseases such as COVID-19 with no adequate approved therapies to help identify treatments that are promising and can be investigated further. The goal is to build a de-identified, readily available database using the CURE ID platform and the Discovery VIRUS COVID-19 Registry to support drug repurposing research and to generate hypotheses that can be confirmed in clinical trials.

As of September 2024, this database has amassed data from 17 sites, encompassing 99 hospitals, and includes over 162,000 patient records. The first article, "A Path to Real-World Evidence in Critical Care Using Open-Source Data Harmonization Tools," was published in *Critical Care Explorations* in April 2023, and two more manuscripts are currently in development.



Assessment of Implementation of Methods in Sepsis and Respiratory Failure (AIMS)

Now in year 3 of this **five-year clinical trial funded by the National Heart, Lung, and Blood Institute (NHLBI)**, SCCM continues to serve as the designated clinical and data coordinating center. The study compares implementation in the emergency department of Surviving Sepsis Campaign (SSC) Hour-1 and 3-Hour bundles head-to-head for the first time since the SSC released them. The implementation phase, which began in 2023, will conclude in December 2025, totaling 27 months of shared learning across the two arms, Hour-1 and 3-Hour cohorts, led by a team of experienced scientific researchers and implementation science experts from Brown University. Phase 4, which comprises the implementation of a sustainment phase, will begin January 1, 2026.

Industry Partnerships



EmTRUTH

A Platform for Healthcare Data Integration Using Blockchain and Artificial Intelligence is a project using blockchain and artificial intelligence to provide integrated healthcare systems with a seamless, secure, and interoperable data platform, aiming to improve patient outcomes, reduce costs, and ensure compliance with privacy and security requirements. SCCM will serve as the coordinating center, overseeing the integration of two awardees from two sites to demonstrate data interoperability in severe respiratory disease research. The project includes tasks such as developing connectors for SCCM-managed sites, using a datamart for business intelligence, and implementing an institutional review board approval smart contract. The two awardees are Andrea Sikora, PharmD, MSCR, BCCCP, FCCP, FCCM, from the University of Georgia College of Pharmacy, and Sharad Patel, MD, from Cooper University Hospital.

To learn more about Discovery programs and projects, visit sccm.org/discoveryprojects.

Discovery Endorsed Projects



REDISCOVER-ICU

REDISCOVER-ICU aims to create a valuable infrastructure for collecting **real-world data on critical care drug repurposing** with the hope of leveraging this infrastructure beyond COVID-19. This study is using data from electronic health records and global registries to aggregate and analyze existing drugs that could be repurposed for critical illnesses, such as sepsis and acute kidney injury. SCCM will be the data coordinating center for this study.



DISCOVER IHCA

The Discover In-Hospital Cardiac Arrest (IHCA) study, led by SCCM and Montefiore Medical Center, aims to increase the evidence base of intra- and post-arrest care, particularly temperature control and neuroprognostication in post-arrest patients. In addition to providing insights regarding immediate and long-term post-arrest care, data collected will also be useful in studying variation in CPR practices.

The 24 participating sites have enrolled nearly 900 patients. A protocol paper has been submitted for publication, and the DISCOVER IHCA investigators are set to begin work on the core manuscript in September.



PREDICT Delphi Trial

Platform for Randomized Trials Evaluating Drugs for Inpatient Comparative Treatment (PREDICT) trial uses a Delphi process to identify repurposed drugs for consideration in patients with sepsis. In collaboration with the Critical Path Institute, the PREDICT trial is designed to facilitate the use of automated extraction of clinical data from the electronic medical records to inform observational research and interventional clinical trials.

As of September 2024, approximately 50 experts are being gathered to participate in the Delphi process to select the drugs to populate the platform trial. The Delphi process is currently in the final stage, in which the group decides which drugs to use for the trial.



MARS Registry

The Molecular Adsorbent Recirculating System (MARS) Registry is a multicenter quality project to evaluate how MARS therapy affects patients with liver failure, considering demographics (gender, age, diagnosis, history, illness severity) and outcomes (mortality, morbidity, length of hospitalization, complications, changes in mental status, changes in laboratory findings, liver transplant). The current use of MARS therapy is limited. This study will add to the current body of research on MARS in the United States for patients with all types of liver failure.



CIRCULATE-MCS

Cerebrovascular Investigation Related to Circulatory Parameters Using Longitudinal Assessments on Transcranial Doppler Based Evaluation in Mechanical Circulatory Support (CIRCULATE-MCS) is a multicenter study that aims to describe the relationship between all transcranial Doppler (TCD)-derived cerebral blood flow (CBF) and cerebral autoregulation parameters and various MCS settings (type of device, degree of support, pulsatility, native cardiac output, vasopressor/inotrope use), adjusted for age, gender, race, comorbidities, and extracranial carotid values. The overarching goal is to evaluate the use of TCD-based CBF parameters as responsive biomarkers for titrating MCS parameters and provide patient-centric targets to minimize adverse neurologic events.

Looking Ahead: In September 2024, Discovery launched the Priorities for Research in Critical Illness Survey (PRECISE), a pioneering effort aimed at identifying and addressing critical care research priorities through a comprehensive, mixed-methods survey of researchers and healthcare professionals. This survey seeks to capture insights from a diverse range of professionals across the critical care spectrum, making it one of the most inclusive endeavors in recent years. By leveraging a more inclusive and representative dataset, PRECISE aims to foster impactful advancements in critical care, tailored to the evolving needs of patients and professionals alike.

Discovery Data Science Campaign

The Discovery Data Science Campaign aims to improve the care of critically ill patients by leveraging the use of large-scale data (big data) for research, with the goal of application in a clinical environment through standardized data models and shared resources.

In 2024, the Discovery Data Science Campaign made substantial progress in accomplishing goals in the campaign's three domains:

Domain 1: Data Harmonization and Sharing

This domain has three main objectives:

- 1. Creation of a Critical Care Data Dictionary:** The Data Outcomes and Definitions Workgroup has engaged in multiple rounds of modified Delphi and consensus meetings over the past two years, resulting in a manuscript currently under review at *Critical Care Medicine*.
- 2. Development of Guiding Principles for Data Harmonization and Sharing:** The Data Harmonization and Sharing Guiding Principles Panel has conducted a comprehensive literature review of established guiding principles for data use. The panel is engaging in a modified Delphi process to identify the most relevant principles and has written a manuscript that is now in its final stages in preparation for submission to *Critical Care Medicine*.
- 3. Pilot Study Utilizing Critical Care Data Dictionary and Guiding Principles:** A pilot study based on the guiding principles and data dictionary will be launched in 2025.

Domain 2: Discovery Critical Care Data Hub

The Data Science Campaign is currently working on creating the Discovery Critical Care Datahub, a cloud-based analytical platform for benchmarking, quality improvement, research, and registries. SCCM is collaborating with a consultant team to select a vendor to develop the platform, which is anticipated to be completed by the end of 2024. SCCM estimates the platform to be launched by early 2026.

Domain 3: Annual SCCM Datathon

More than 70 participants, including critical care clinicians, data scientists, and researchers, came together to use data science to solve critical care problems during SCCM's Discovery Datathon.

Participants worked in groups of critical care clinicians and data scientists to develop pragmatic, data-driven models applicable to the care of critically ill patients, addressing health equity and diversity, patient outcomes and risk stratification, and treatment optimization. They were given access to de-identified critical care electronic health record datasets, including SCCM's CURE ID dataset. The three winning teams will be presenting at the 2025 Critical Care Congress. One member from each winning team will receive support for registration and travel to Congress in Orlando, Florida, USA.

2024 Discovery Datathon Winning Teams



Team 2: Health Equity and Diversity

Using a large, multicenter ICU dataset: Are there differences in frequency of nursing documentation with respect to hospital mortality independent of illness severity? Is this relationship modified among underrepresented minorities?

Mannat V. Jain; Blessing Oladokun, MS; Nivedita Mankotia, MD; Andrew Smith, MD, MSCI; Vinai Modem, MBBS; Catherine Gao, MD; Yugang Jia, PhD, MPH



Team 3: Patient Outcomes and Risk Stratification

What is the impact of mechanical power on cardiogenic shock?

Enrique Zepeda, MD; Yogesh Yadav, MD; J. Perren Cobb, MD, FACS, FCCM; Sarah Bush, CNS; Somin (Mindy) Lee; Tien Bui, PharmD; Yanis Chamson



Team 5: Treatment Optimization

Predicting Extubation Failure in the ICU

Kevin Smith, MD; Robert MacLaren, PharmD, MPH, MCCM; Emmanuel Kyereme-Tuah, MD; Javier J. Lasa, MD; Sicheng Hao, MS; Jakob Groll

SCCM Research Grant Recipients

2024 SCCM-Weil Research Grants

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.



Julien Cobert, MD
San Francisco Veterans Affairs
Medical Center

Topic: Racialization of ICU Notes and
Debiasing Strategies to Lead to Fairer
ICU Mortality Prediction



Chantal Boly, MD
Erasmus University Medical Center

Topic: Unraveling Long COVID
Pathophysiology: Insights From
ICU Perspectives

2024 Discovery Research Grant

Awarded to SCCM members as new pilot grants to support multi-institutional critical care research studies.
Supported by Discovery.

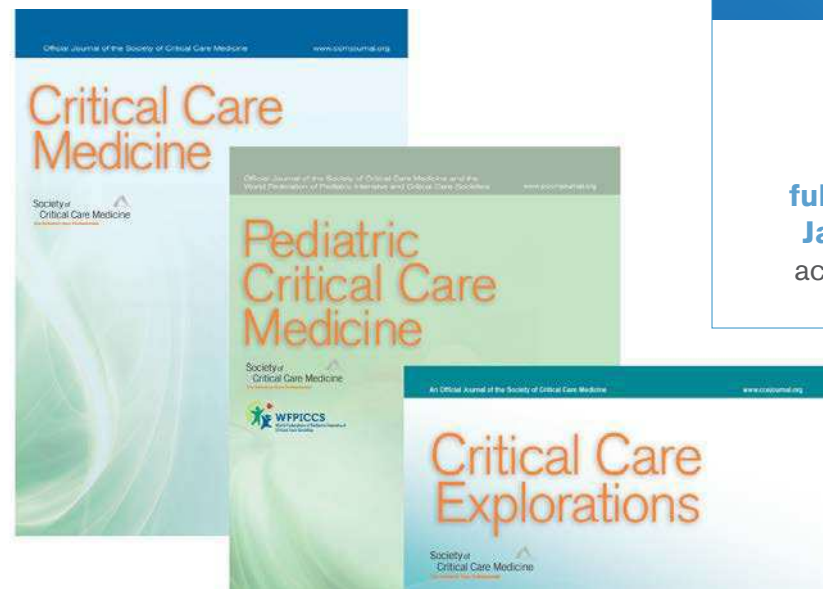


Catherine Chen, MD
University of Texas Southwestern
Medical Center

Topic: Effect of Texas Senate Bill 8 on
Critical Illness Among Pregnant Women

SCCM Journals

SCCM's primary dissemination tools for research are its world-renowned journals, **Critical Care Medicine (CCM)**, **Pediatric Critical Care Medicine (PCCM)**, and **Critical Care Explorations (CCE)**. These trusted journals have become a hub for late-breaking research and guidelines, achieving record-breaking submissions over the years. They remain among the most highly cited journals in the field.



Looking Ahead: A New Era for SCCM Journals

CCM and PCCM will transition to **fully online formats beginning with the January 2025 issues**, making it easier to access content anytime, anywhere digitally.

As part of the new digital launch, CCM, PCCM, and CCE will receive a new look, creating a simpler, cohesive visual identity for the journals and reinforcing their connection as part of the SCCM family of publications. Read more about this change at sccm.org/journals.

Critical Care Medicine

SCCM JOURNALS

Pediatric Critical Care Medicine

SCCM JOURNALS

Critical Care Explorations

SCCM JOURNALS

New Editors-in-Chief for CCM and CCE



CCM

SCCM has named Jonathan E. Sevransky, MD, MHS, FCCM, as the new editor-in-chief of CCM. His term will officially start in October 2024, when he will succeed Timothy G. Buchman, PhD, MD, MCCM, who has served as editor-in-chief since 2014.

“One of my goals as editor-in-chief will be to expand the journal to other media outside of print to reach critical care professionals who enjoy other media such as podcasts and video,” said Dr. Sevransky. “Just like the delivery of critical care, the CCM editorial leadership group represents a team effort, and I look forward to working with a wonderful team to achieve more than I could on my own and ensuring the important research in CCM is delivered to our readers to improve patient care.”

CCE

SCCM has named Tamás Szakmány, MD, PhD, MBE, FCCM, as the new editor-in-chief of CCE. He has succeeded Dr. Buchman who has served as editor-in-chief since the journal's inception in 2019.

“As editor-in-chief, my main goals for *Critical Care Explorations* are to facilitate the publishing of manuscripts with novel findings and continuing to explore the boundaries of critical care medicine,” said Dr. Szakmány. “The journal promotes collaboration across various disciplines and captures diverse perspectives in critical care, and I am committed to represent the diversity and inclusivity of SCCM, with its global reach of readers and authors.”



Thank You to Dr. Buchman

Dr. Buchman's contributions as editor-in-chief of CCM and CCE have been invaluable. Dr. Buchman was appointed as CCE's founding editor-in-chief in 2019. In his inaugural foreword, [Exploring the Endless Frontier](#), Dr. Buchman noted the need for a new balance between speed of dissemination and “high standards for integrity and peer review.” He remarked that “there is a different balance to be struck between alacrity and certainty, between insight and vision, between accounts and guidance.” A year later, the COVID-19 public health emergency occurred; the journal responded with a rapid increase in urgent communications and was the first critical care journal to call attention to the [risks of misinformation in the care of COVID-19 patients](#) and [the importance of planned research to combat the pandemic](#), both published the month after cases were first identified in the United States.

“It has been a privilege to contribute to the advancement of critical care medicine in this role,” he said. “I extend my thanks to the many associate editors, social media editors, reviewers, authors, and others with whom I have served. *Critical Care Explorations* now must continue to drive innovation at this endless frontier.”

Quality Improvement



ICU Liberation Campaign

The ICU Liberation Committee has maintained its commitment to enhancing and advancing the ICU Liberation Campaign. During the past year, the committee's impact on the campaign was highlighted by the following accomplishments:

Education

- Content development for creation of upcoming ICU Liberation Pediatric course.
- 2024 Congress Activities:
 - Roundtables exploring the integration of the ICU Liberation Bundle (A-F) into Epic and Cerner/Oracle systems
 - SCCM Central booth presentations focused on evidence updates, cost reduction benefits, and future needs of the ICU Liberation Campaign
 - Concurrent sessions reflecting on a decade of implementing the ICU Liberation Bundle

Dissemination

- Establishment of a new quarterly marketing newsletter that showcases:
 - Highlighted bundle elements (adult and pediatric)
 - Special interest items (e.g., patient stories, team stories, ICU Centers of Excellence success stories)
 - Community engagement (e.g., solicitation of member opinions about their work)
 - Upcoming activities
 - Published literature
- Enhanced social media promotion to extend the campaign's reach
- *Critical Connections* articles on the ICU Liberation Bundle's impact from COVID-19 pandemic to endemic and its role in improving short- and long-term outcomes
- Live session via the SCCM Member Forum on electronic health record integration
- SCCM/Epic collaborative webcast reviewing ICU Liberation Bundle retrospective reports, with over 300 attendees

Implementation

- Release of Epic ICU Liberation reports in November 2023
- Enhancement of the ICU Liberation Implementation Toolkit to help support the ICU Centers of Excellence Program

Research

- Research collaborations, such as the ICU Liberation A-F Worldwide Survey and the ACCEPT ICU Survey, addressing bundle implementation challenges globally and in low-resource settings

Learn more at sccm.org/iculiberation



Looking Ahead: ICU Centers of Excellence Program

SCCM's ICU Centers of Excellence Program will equip ICUs with the essential resources, training, and support required for the successful implementation of SCCM's diverse programs. Once programs are implemented, ICUs will gain recognition as leaders in enhancing patient care, improving patient outcomes, and advancing the quality of healthcare in the ICU.

In 2024, SCCM began conducting a pilot project with three hospitals, encompassing eight ICUs, to evaluate the new program delivery format under the ICU Centers of Excellence Program. Using the existing resources developed from the ICU Liberation Campaign, this pilot aims to test how these materials and resources can be effectively delivered through the new ICU Centers of Excellence framework. ICU staff from these sites will review all aspects of the program, including educational training, implementation support, and data collection, to determine the feasibility of this new delivery method and provide SCCM staff with feedback. Insights gained will guide the creation and/or modification of resources to assist future ICUs to meet the program's requirements.

The program will officially launch at the 2025 Congress and will be exclusive to U.S. sites. International sites will continue to have access to the ICU Liberation hosted training.

Learn more at sccm.org/excellence

SCCM Grant-Funded Projects Aim to Improve Quality in Critical Care

Reducing Mortality From Sepsis in Low-Resource Settings

SCCM received funding for a project dedicated to reducing mortality from sepsis in low-resource settings. The Sepsis in Low-Resource Settings Taskforce aims to develop a 10-step, Utstein-based approach for managing sepsis in low-resource environments, where evidence-based guidelines may be limited. The taskforce uses a Delphi survey to collect data, identify knowledge gaps, evaluate available evidence, and reach consensus on best practices. The approach integrates the Frame of Survival and the Sepsis Chain of Survival principles, emphasizing early recognition, rapid intervention, and appropriate treatment. Deliverables include publications on Delphi survey report, an evidence-based 10-step approach, the Sepsis Chain and Frame of Survival, and a sepsis management toolkit.

This project, funded through the Laerdal Foundation, will be completed by September 2025.

Achieving Diagnostic Excellence in Sepsis and Septic Shock

SCCM received a Council of Medical Specialty Societies (CMSS) grant in October 2023 for the project Developing a Feedback Mechanism for Receiving ICU Clinicians of Patients With Sepsis. Because it is imperative that referring clinicians learn about the outcomes of their patients to improve future clinical performance, this project aims to close the communication gap for referring clinicians whose patients are transitioned to a higher level of care and eventually diagnosed with sepsis. The project will build on the 2022 CMSS grant to ensure that multiprofessional teams caring for patients with sepsis obtain appropriate feedback to improve and sustain excellent diagnostic performance. Learn more at sccm.org/diagnosticexcellence.

Looking Ahead: Be on the lookout for a refined toolkit, a webcast, and an SCCM Podcast episode.

SCCM has surveyed receiving and referring ICU clinicians who care for patients with suspected sepsis to gather feedback on the process and the communication between receiving and referring clinicians. A toolkit is in development to standardize communication and is being evaluated for usability before being made available to clinicians.

Patient-Centered Outcomes Research Institute Project

The Patient-Centered Outcomes Research Institute (PCORI) is an independent, nonprofit organization that funds research to provide patients, caregivers, and clinicians with the evidence-based information needed to make well-informed healthcare decisions. PCORI is committed to continually seeking input from a broad range of stakeholders to guide its work.

Addressing Barriers to Engaging Patients and Caregivers Experiencing Critical Illness to Build Capacity for Patient-Centered Outcomes Research is SCCM's current PCORI project, on which SCCM is collaborating with Vanderbilt University School of Nursing to use group concept mapping to gather input from patients, family members, clinicians, researchers, and others to identify strategies that can be used for overcoming barriers to engaging patients and family members in patient-centered outcomes research (PCOR) in the ICU and post-ICU settings. Project co-leads, SCCM Past President Ruth Kleinpell, PhD, RN, FAAN, FAANP, FNAP, MCCM, and Marianna LaNoue, PhD, have gathered feedback on barriers to research in the ICU from clinicians and patients and family members. The project will also include development of a manuscript to be submitted to *Critical Care Medicine*, a brief synopsis of the project to be submitted to *Critical Care Exploration*, and an SCCM Podcast episode.

Guidelines Are a Keystone of Quality Patient Care

SCCM has released six clinical practice guidelines during the fiscal year, which are available for free in *Critical Care Medicine*. Access all the guidelines and easily filter through recommendations by strength and category at sccm.org/guidelines.

Guidelines for Rapid Sequence Intubation in the Critically Ill Adult Patient

Crit Care Med. 2023 Oct;51(10):1411-1430.

SCCM and IDSA Guidelines for Evaluating New Fever in Adult Patients in the ICU

Crit Care Med. 2023 Nov;51(11):1570-1586.

Guidelines on Use of Corticosteroids in Sepsis, Acute Respiratory Distress Syndrome, and Community-Acquired Pneumonia

Crit Care Med. 2024 May;52(5):e219-e233.

Guidelines on Glycemic Control for Critically Ill Children and Adults

Crit Care Med. 2024 Apr;52(4):e161-e181.

Guidelines on Recognizing and Responding to Clinical Deterioration Outside the ICU

Crit Care Med. 2024 Feb;52(2):314-330.

SCCM and ASHP Guideline for the Prevention of Stress-Related Gastrointestinal Bleeding in Critically Ill Adults

Crit Care Med. 2024 Aug;52(8):e421-e430.

Looking Ahead Watch for SCCM guidelines currently in development.

- Adult ICU Triage
- Caring for Older Adults in the ICU
- Heat-Related Injury and Illness
- Managing Post-Intensive Care Syndrome (PICS) and PICS – Family
- Neonatal and Pediatric End-of-Life Care in the ICU
- Sustained Neuromuscular Blockade in Adult Critically Ill Patients

SCCM Global Health



SCCM Global Health programs support humanitarian efforts worldwide, delivering free training and educational resources, supporting healthcare infrastructure, and providing supplies, medications, equipment, and volunteer clinicians to low-resource and crisis-affected areas.

Learn more at sccm.org/globalhealth.



Africa Infrastructure Relief and Support

SCCM has been providing fundamental critical care training in Africa for decades, but its impact has been limited by the lack of reliable electricity and medical oxygen. Many hospitals face unstable or nonexistent electrical infrastructure and do not have reliable access to medical oxygen. To address this challenge, SCCM launched the Africa Infrastructure Relief and Support (AIRS) project in 2023, focusing on delivering stable medical oxygen and electricity to hospitals in Sierra Leone, the Gambia, and Liberia, empowering clinicians to provide effective care.

Sierra Leone

The AIRS project installed solar energy panels outside Bo Government Hospital, Bo's largest hospital, to create a renewable energy source. In addition to powering clinical areas of the hospital, the solar panels will help the hospital end its dependence on diesel generators and correct energy challenges that limited the use of an existing oxygen-generating system.

The Gambia

Edward Francis Small Teaching Hospital, in Banjul, the Gambia's capital, is the largest hospital in the country. The AIRS project piped the entire hospital for oxygen delivery, medical air delivery, and wall suction at every bedside. The piping and accessories have all been installed, as well as an energy-efficient vacuum swing adsorption oxygen plant and air compressors. Final steps and testing are expected to be completed at the end of December 2024.

In July 2024, SCCM held two training sessions in the Gambia: a Pediatric Fundamental Critical Care Support (PFCCS) course led by SCCM members Mohan R. Mysore, MD, FAAP, FCCM, and Joram Nyandat, MD, MPH, and a Fundamental Critical Care Support: Obstetrics (FCCS: OB) course led by Madian Yahya, MD, and SCCM member Lauren A. Plante, MD, MPH. These courses trained 60 learners to ensure their ability to provide high-quality care to critically ill and injured patients.



Lauren A. Plante, MD, MPH (center) teaches intubation skills during the FCCS: OB course in the Gambia.



PFCCS course in the Gambia.

Liberia

The AIRS project is working on producing solar power and building an oxygen-generating plant at the rural F.J. Grante Memorial Hospital in Greenville, Liberia, as well as piping the hospital for oxygen delivery, medical air delivery, and wall suction at every bedside.

Construction and installation for solar energy are under way. Fortification of the land around the hospital with rocks to support solar panel installation is almost complete, and equipment is being moved to the hospital to prepare for the piping to begin. The work is scheduled to be completed by the end of December 2024.

Commissioning Ceremonies

In August 2024, members of SCCM, Direct Relief, Johns Hopkins University (JHU), and the Institute of Global Perioperative Care (IGPC) traveled to Sierra Leone and the Gambia to participate in the commissioning ceremonies for the project.

SCCM president Lauren R. Sorce, PhD, RN, CPNP-AC/PC, FAAN, FCCM, attended the ceremonies, along with Alycia Clark and Jeffrey Samuel from Direct Relief, and John Sampson, MD, from JHU. The ceremonies offered an opportunity to showcase the oxygen and energy generation projects and allowed everyone to celebrate the hard work and dedication of the many government officials, partners, contractors, and other experts to successfully complete these projects in less than two years. Members of the delegation also met with Ambassador Dr. Erica Bennett from the Diaspora African Forum, Dr. Austin H. Demby, the minister of health of Sierra Leone, and the First Lady of the Republic of the Gambia, Fatoumatta Bah-Barrow.



Left to right: John Sampson, MD, IGPC; Dr. Jalikatu Mustapha, Deputy Minister of Health of Sierra Leone; and SCCM's Mark Lenhart at the inspection of solar panel installation at Bo Government Hospital in Bo, Sierra Leone.



The AIRS project team inspects the solar panel installation at Bo Government Hospital in Bo, Sierra Leone.



Left to right: SCCM President, Lauren R. Sorce, PhD, RN, CPNP-AC/PC, FAAN, FCCM; Madame Fatoumatta Bah-Barrow, First Lady of The Gambia; H.E. Dr. Erieka Bennett, Head of Mission of Diaspora African Forum; and Alycia Clark, PharmD, Vice President and Chief Pharmacy Officer of Direct Relief kick off commissioning ceremonies in the Gambia in August 2024.

Donor-Funded Training

Since 2020, SCCM has received over \$1 million in funding from the Edwards Lifesciences Foundation to support Every Heartbeat Matters (EHM), a campaign to improve the lives of over 2.5 million underserved structural heart and critical care patients by the end of 2025. This funding has allowed SCCM to train nearly 4000 healthcare clinicians from over 30 countries and seven U.S. states with Fundamental Critical Care Support training, which supports the recovery component of the EHM campaign.

In 2024, SCCM partnered with the Thoracic Surgery Foundation (TSF) to hold joint critical care training in conjunction with two TSF surgical mission trips in 2024. This training provided participants with in-depth discussions and hands-on skills for pre- and postoperative management of cardiac patients. Training sites were Dos de Mayo National Hospital in Lima, Peru, and the Instituto Nacional Cardiopulmonar (INCP) in Tegucigalpa, Honduras. Training took place the weekend before the start of each medical mission trip when the material and skills were fresh in the minds of the trainees. This training was designed to help clinicians care for patients with cardiac disease who are recovering from complex medical and surgical treatment.

In March 2024, SCCM was honored by the Edwards Lifesciences Foundation for making the greatest 10-year impact in patient recovery among their 70 EHM partners.

[Read more about the training SCCM provides with this funding.](#)



SCCM accepts award from Edwards Lifesciences Foundation for making the greatest 10-year impact in patient recovery among their 70 EHM partners.

Crisis Response During Natural Disasters

SCCM monitors current events and regularly activates its crisis response plan, which includes releasing complimentary education and resources to help clinicians treat critically ill and injured patients, respond to patient surges, and implement resource allocation strategies. Learn more at sccm.org/response.

From October 2023 to September 2024, SCCM provided free critical care resources to those affected by:

- Herat earthquakes
- Hurricane Beryl
- Hurricane Helene
- Hurricane Otis
- Hurricane John

SCCM Collaborates with WHO to Deliver Life-Saving Care

As part of the mandate of Resolution WHA 76.2, the World Health Organization (WHO) established the Acute Care Action Network (ACAN), a global alliance of key stakeholders committed to saving millions of lives by strengthening access to quality emergency, critical, and operative care (ECO) services worldwide. Recognizing the urgent need to improve these services globally, particularly in low- and middle-income countries, the WHO brought together a diverse group of organizations with expertise in this area. Importantly, the ACAN is receiving strategic collaboration and support from the Laerdal Foundation and the American Heart Association. With their support, ACAN and its members will work together to train and support health workers who care for ill and injured patients every day; disseminate WHO standards for needed equipment and supplies for ECO delivery at all levels of the health system; and strengthen key processes and models of care that drive timely access and continuity, such as triage, resuscitation, effective referral, and counter-referral.

SCCM officially became a member of ACAN in September 2024, following the signing of a memorandum of understanding between SCCM and WHO that outlined their shared goals and objectives in this space.

Environmental, Social, and Governance



Environmental

SCCM continues to reduce its carbon footprint. Its headquarters building uses energy-efficient technologies such as LED lighting, and employees are offered flexible scheduling, reducing the building's energy needs and the staff's commuting impact.

In February 2024, SCCM asked members to step forward to offer their expertise on this topic for SCCM's new Environmental Sustainability in the ICU Task Force (Creating a Green ICU). The charge of the task force, led by Srinivas Murthy, MD, and Michele Domico, MD, FAAP, FCCM, is to heighten awareness of the environmental impact of ICU care and to provide actionable solutions for clinicians to increase environmental sustainability of critical care. At SCCM's 2025 Critical Care Congress in Orlando, the environmental impact of critical care will be explored and guidance provided on implementing eco-friendly practices in ICUs.

SCCM's journals are already publishing articles on aspects of sustainability, while the SCCM Council commissioned a special paper on [Management of Heat-Released Illness and Injury in the ICU](#), and a full guideline on the topic is anticipated for release at the 2025 Congress. Dr. Murthy was interviewed for the SCCM Podcast episode, [The Intersection of Climate Change and Critical Care](#), in which he discusses the changing ICU case mix we must prepare for, including new infections, exposure to particulate matter in wildfires, and more frequent and increasingly dangerous hurricanes, tornadoes, and floods.

SCCM has joined with fellow medical societies as part of the [Medical Society Consortium on Climate and Health](#) and has participated in conversations with leaders from [Practice Greenhealth](#), an organization for sustainable healthcare that delivers environmental solutions to U.S. hospitals and health systems.

Social

SCCM remains deeply committed to social responsibility. SCCM Global Health programs support humanitarian efforts worldwide, delivering free training and educational resources, as well as supplies, medications, equipment, and volunteer clinicians to low-resource and crisis-affected areas. The Society's AIRS and Reducing Mortality From Sepsis in Low-Resource Settings projects exemplify this commitment on a global scale.

Governance

Maintaining high standards of governance and ethics is paramount to SCCM's mission. SCCM is committed to transparency and has achieved top recognition from leading nonprofit rating organizations, earning a four-star rating from Charity Navigator and a Platinum Seal of Transparency from GuideStar. SCCM has also updated and made more transparent its Standards of Professional Conduct to include specific statements related to DEI initiatives. It also clarified how SCCM manages professional misconduct allegations.

[Learn More Here](#)

Donors



Thank You to Donors Who Support SCCM's Mission

SCCM's giving clubs recognize generous donors whose cumulative gift in one calendar year (January 1 through December 31) equals one of the donor levels. Giving club members play a critical role in helping to advance SCCM's mission by making generous gifts that help expand its ability to impact the critical care community and improve the care of critically ill and injured patients around the world.

Presidents Club Members \$5,000 +

Judith Hellman, MD
Keith Killu, MD, MS, FCCM
Cincinnati Children's Hospital Medical Center
Inflammatix

1971 Club Members \$1,971-\$4,999

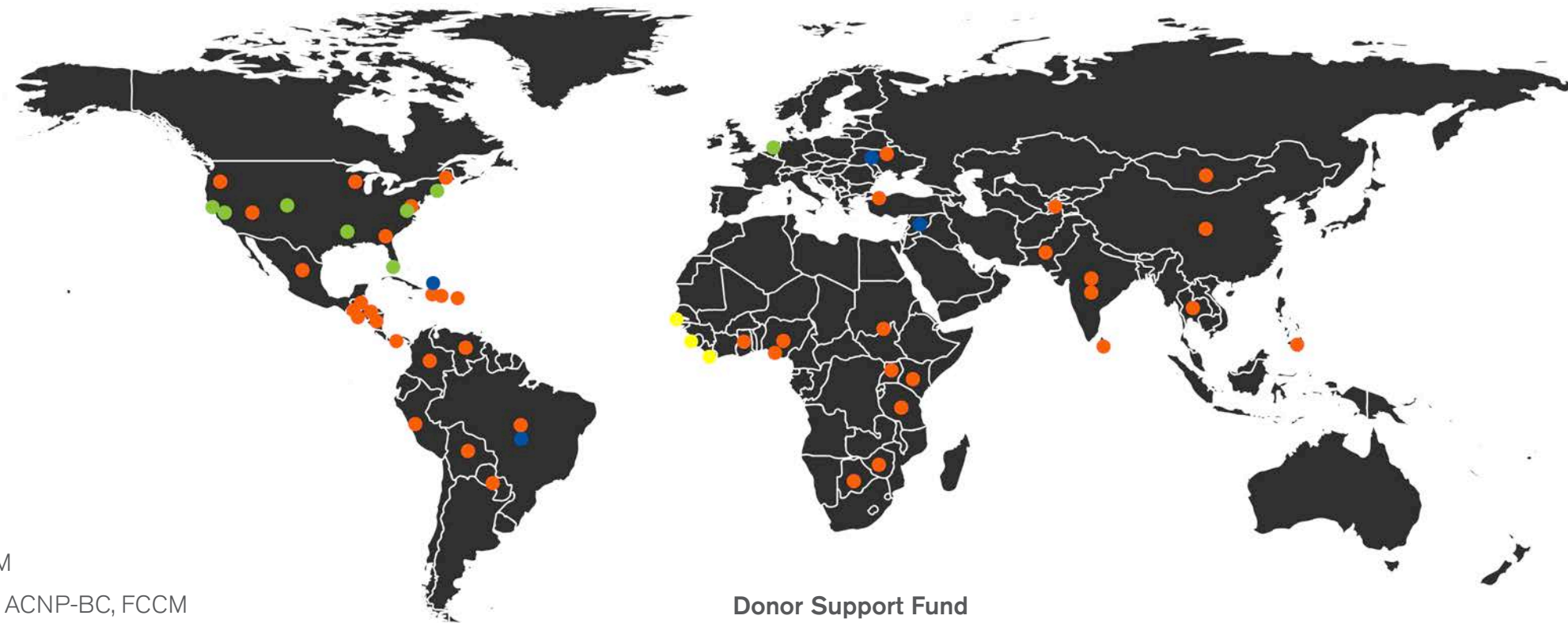
Judith Jacobi, PharmD, BCCCP, MCCM
Jong O. Lee, MD, FACS, FCCM
Pauline K. Park, MD, FCCM
Jerry J. Zimmerman, MD, PhD, FCCM

Legacy Circle Members \$500-\$1,970

Catherine S. Sassoon, MD
Zena Leah Harris, MD, FCCM
Vinay M. Nadkarni, MD, MS, FCCM
Soeren Schmitz
Denise D. Burns
Thomas A. Nakagawa, MD, FCCM
Pamela A. Lipsett, MD, MHPE, MCCM
Kwame A. Akuamoah-Boateng, DNP, ACNP-BC, FCCM
Lauren R. Sorce, PhD, RN, CPNP-AC/PC, FAAN, FCCM
Samuel A. Tisherman, MD, FCCM
Lori A. Shutter, MD, FCCM
Harry Linne Anderson III, BS, MD, FCCM
Linda L. Maerz, MD, FACS, FCCM
Joseph E. Parrillo, MD, MCCM
Margaret M. Parker, MD, MCCM
Ann E. Thompson, MD, MHCPM, MCCM
Susan L. Evans, MBA, MD, FCCM
Robert Clark
Jose L. Diaz-Gomez, MD, FCCM
Mark D. Cipolle, MD, PhD, FCCM

Your Donations in Action

Learn more about how donations to SCCM are used to improve the care of critically ill and injured patients.
Visit sccm.org/donate



Donor Support Fund

- Training and Education
- Disaster Relief
- Research
- Humanitarian

SCCM is committed to improving care for patients worldwide. With your support, the Society is making an impact worldwide.

Society of
Critical Care Medicine
The Intensive Care Professionals



Financial Statements



2024 Financial Statements

SCCM experienced a small net profit from programs of \$20,000, with robust investment gains that pushed up the total organizational net revenue for the year to \$5.2M. This increased organizational assets to a record \$58.7M. This result was driven by strong support from government, private foundations, and industry for the Society's Global Health initiatives.

SCCM volunteers traveled across the globe training clinicians in low-resource areas, war zones, and locations devastated by natural disasters. Since its inception in 1972, SCCM has grown both programmatically and financially. The SCCM Council and staff leadership employ a conservative financial approach, putting aside resources into several funds to support new program development and provide for emergency reserves should the need arise. Reserve funds were \$40.9M at the end of FY2024.

The SCCM Council will continue to invest in many new endeavors including technology platform upgrades; research program expansion; implementation of new diversity, equity, and inclusion initiatives; and Global Health initiatives. Audited financial statements are available for public inspection by contacting SCCM's Chief Financial Officer at bschramm@sccm.org or +1 847 827-6869.

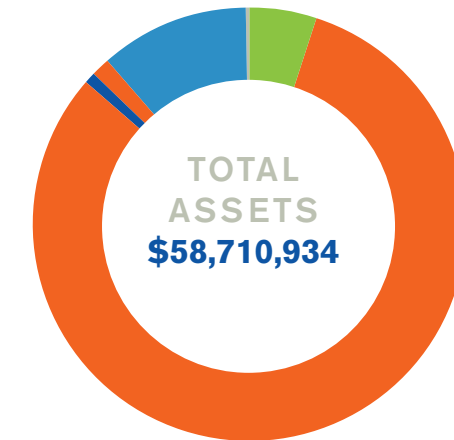


In compliance with its own transparency policy as well as with the [Council of Medical Specialty Societies Code for Interactions with Companies](#), of which SCCM is a signatory, SCCM reports all commercial support for the Society's activities on a yearly basis.

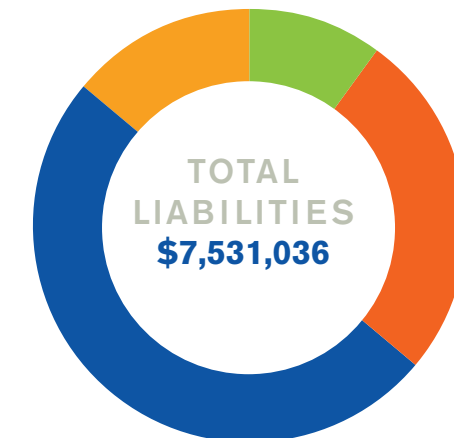
View these disclosures at sccm.org/partnership

Statement of Activities by Business Line		Actual
Knowledge and Skills		
Revenue	\$	7,084,367
Expense		2,814,320
Net Income (Loss)		4,270,047
Membership		
Revenue	\$	5,689,860
Expense		1,542,485
Net Income (Loss)		4,147,374
Research		
Revenue	\$	4,402,682
Expense		1,745,345
Net Income (Loss)		2,657,337
Fundamentals		
Revenue	\$	1,693,085
Expense		141,759
Net Income (Loss)		1,551,325
Review and Assessment		
Revenue	\$	2,187,744
Expense		234,861
Net Income (Loss)		1,952,883
Quality and Safety		
Revenue	\$	440,935
Expense		296,062
Net Income (Loss)		144,873
Communications		
Revenue	\$	415,924
Expense		243,914
Net Income (Loss)		172,010
Governance/Organizational Affairs		
Revenue	\$	2,184,295
Expense		2,829,174
Net Income (Loss)		(644,880)
General & Administrative		
Revenue	\$	100,100
Expense		15,236,625
Net Income (Loss)		(15,136,525)
General Operating Total		
Total Revenue	\$	24,198,991
Total Expense		25,084,545
Net Income (Loss)		(885,554)
Year-End Net Asset Transfers		
New Program Development	\$	907,106
Net Income (Loss)	\$	21,552

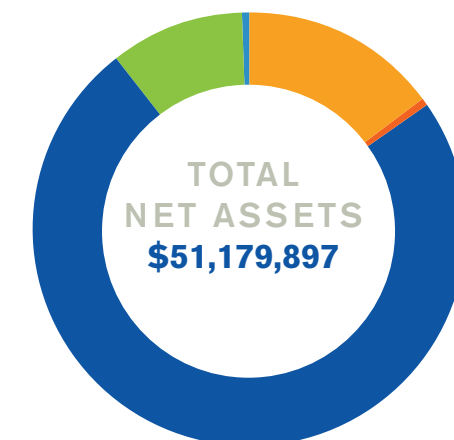
All Funds



- Cash and Equivalents
\$3,084,892.88
- Investments
\$47,649,555.96
- Accounts Receivable
\$528,004.52
- Prepaid Expenses
\$848,141.03
- Fixed Assets
(Net of Depreciation)
\$6,532,424.54
- Deposits
\$67,915.23



- Accounts Payable
\$764,565.23
- Accrued Expenses
\$1,958,228.78
- Deferred Income
\$3,763,240.08
- Deferred Compensation
\$1,045,002.71



- General Operating Fund
\$7,640,545.40
- Subsidiaries
(\$281,933.50)
- Reserve Funds
\$38,379,315.48
- Miscellaneous
Temporarily Restricted
\$5,220,172.82
- Sections
\$221,797.16

**TOTAL LIABILITIES
AND NET ASSETS**
\$58,710,934.16



Learn more at [sccm.org](https://www.sccm.org)