



ONSITE PROGRAM

Scientific Assembly
SAN FRANCISCO
2022

connect

MAPS • EDUCATIONAL PROGRAM • CAREER GUIDE • EXHIBITOR INFORMATION



American College of
Emergency Physicians®

ADVANCING EMERGENCY CARE 




Visit us in
Booth 1318



Designing an ED to elevate your performance elevates the patient experience simultaneously. EDs are unique, not a hospital ward, not an outpatient clinic, so when Huddy HealthCare's ED Design Team works with you to create your ED design solution, we bring the experience of having completed over 300 successful ED projects across the US and around the world.

ED design is about function, supporting how you work. Will it help you be more efficient with supplies where you need them? Will it help you communicate with your patients and care team? We leverage our experience, data analytics, and predictive models to quantify the space you will need in the future to support high-performance.

Innovations in ED Design and Workflow

 (803) 517-7522

 j.huddy@huddyhealthcare.com

© Copyright by the American College of Emergency Physicians

P.O. Box 619911
Dallas, TX 75261-9911
Phone: 972-550-0911

Publishing Partner for ACEP

Ascend Media, LLC
ascendmedia.com
913-469-1110

Ascend Media encourages and practices environmentally friendly printing, including recycled/recyclable paper and plant-based inks.

All rights reserved. Printed in Breese, Illinois, United States. Except as permitted under the United States Copyright Act of 1976, no part of this publication may be reproduced or distributed in any form or by any means or stored in a database or retrieval system without prior written permission of the publisher.

The American College of Emergency Physicians makes every effort to ensure that the speakers of College-sponsored courses are knowledgeable authorities in their fields. ACEP22 attendees are nevertheless advised that the statements and opinions expressed by course speakers are those of the speakers, not of the College. The speakers' statements and opinions should not be construed as College policy or recommendations, and the College disclaims any liability or responsibility for the consequences of any actions taken in reliance upon those statements or opinions. Products/services exhibited by companies or organizations other than the American College of Emergency Physicians are not endorsed by the College. Furthermore, the College disclaims any liability or responsibility for the professional or personal use of such products/services.

ACEP and EMRA plan to take photographs at this event and reproduce them in ACEP/EMRA educational, news or promotional materials, whether in print, electronic, or other media, including the ACEP and EMRA websites and social media channels. By participating in this ACEP event, you grant ACEP and EMRA the right to use your name, photograph, and biography for such purposes.

Contents

4

Welcome
From the Chair

6

General
Information

14

ACEP Leadership
and Staff

28

Strategic Plan
Spotlight

MAPS

Hotel Maps 44

George R. Moscone
Convention Center Maps 46

Exhibit Hall 80



Scientific Assembly
SAN FRANCISCO
2022

Emergency Medicine Foundation	17
NEMPAC	20
Faculty	24
Educational Event Corporate Supporters	25
ACEP22 Corporate Supporters	27

EDUCATION

Expert Theater Schedule	40
Industry-Supported Symposium Schedule.	40
Learning Lab Schedule.	42
Education Information	49
Continuing Medical Education for Physicians	49
Education Schedule	51

CAREER GUIDE

ACEP4U: Focusing on Career Fulfillment.	65
Courses to Elevate Your Career	68
Exhibitors Offering Staffing and Recruitment Services.	78

EXHIBITORS

Exhibitor Details	83
Exhibitors by Booth Number	110
Exhibitors by Product.	113
Research Forum Schedule Index	117
Advertiser Index	128

American Physician Partners is excited to see you at ACEP22!



Ways to Connect with APP at our booth #1630



LIVE

Talk to our Recruiters and Physicians about our opportunities across the United States.



WORK

Talk to our Practice Development Team to secure your practice's future.



PLAY

Join us at our reception at the Chase Center, Sunday, October 2nd, from 5-7PM Pacific time. Stop by our booth to receive a ticket for the event!



Scan our QR code to learn more ways to engage with us during ACEP22.

The APP Difference

- ✓ Patient-centered, physician-centric company
- ✓ Practice decisions made at the local level
- ✓ Competitive compensation plan
- ✓ 165+ Programs including community hospitals, trauma centers, and teaching facilities nationwide
- ✓ Extended use of CME dollars to include wellness activities
- ✓ Leadership development and career growth opportunities

American
PHYSICIAN PARTNERS

LIVE. WORK. PLAY.
appartners.com

Onsite

Welcome FROM THE CHAIR



On behalf of our entire ACEP Educational Meetings Subcommittee, we are thrilled to welcome you to ACEP22 in beautiful San Francisco!

As we put together the ACEP22 programming, our team relished the chance to plan a meeting where we could connect with one another, in person, in what we hoped would be more normal circumstances than these past few years. We have learned that planning conventions during a years-long pandemic is an unpredictable endeavor, but we are very proud of the education and social opportunities we have lined up for this meeting.

It feels incredible to be here catching up with our peers while learning about the latest clinical innovations from the leaders in our field. I can't wait to soak it all in — the crisp breeze off the Bay, the hallway conversations with old friends, the research that's changing the game. The Scientific Assembly's mix of learning and networking has a way of reigniting my passion for this specialty. Gathering with our ACEP family is something I don't take for granted anymore!

Thank you for being here this week. We hope you have a fantastic time.

Jennifer Casaletto, MD, FACEP
Chair, Educational Meetings Subcommittee

Educational Meetings Subcommittee

Jennifer Casaletto, MD, FACEP, Chair

Matt Strehlow, MD, FACEP, Immediate Past Chair

Alison Haddock, MD, FACEP, Board Liaison

Christine (Chrissy) Babcock, MD, FACEP

Rebecca Bavolek, MD, FACEP

Jessica Best, MD

Keith Borg, MD, PhD, FACEP, Chair-Elect

Sean P. Dyer, MD

Katie M. Fisher, MD

Victoria E. Garrett, MD

Eric Gross, MD, MMM, FACEP

Carolyn K. Holland, MD, MEd, FACEP

Viveta Lobo, MD, FACEP

Mark Lopez, MD, FACEP

Mimi Lu, MD, FACEP

Michael (Mike) McCrea, MD, FACEP

Cynthia Price, MD

Janis Farnholtz Provinse, MS, RN, CNS, CEN, TCRN, FAEN

William (Will) Shyy, MD

Moira Smith, MD, MPH

Matthew (Matt) J. Stull, MD

Scott Wieters, MD, FACEP



American College of
Emergency Physicians®

ADVANCING EMERGENCY CARE 



Penn State Health Emergency Medicine

About Us:

Penn State Health is a multi-hospital health system serving patients and communities across central Pennsylvania. We are the only medical facility in Pennsylvania to be accredited as a Level I pediatric trauma center and Level I adult trauma center. The system includes Penn State Health Milton S. Hershey Medical Center, Penn State Health Children’s Hospital, and Penn State Cancer Institute based in Hershey, Pa.; Penn State Health Hampden Medical Center in Enola, Pa.; Penn State Health Holy Spirit Medical Center in Camp Hill, Pa.; Penn State Health St. Joseph Medical Center in Reading, Pa.; Penn State Health Lancaster Pediatric Center in Lancaster, Pa.; Penn State Health Lancaster Medical Center (opening fall 2022); and more than 3,000 physicians and direct care providers at more than 126 outpatient practices in 94 locations. Additionally, the system jointly operates various health care providers, including Penn State Health Rehabilitation Hospital, Hershey Outpatient Surgery Center, Hershey Endoscopy Center, Horizon Home Healthcare and the Pennsylvania Psychiatric Institute.



We foster a collaborative environment rich with diversity, share a passion for patient care, and have a space for those who share our spark of innovative research interests. Our health system is expanding and we have opportunities in both academic hospital as well community hospital settings.

Benefit highlights include:

- Competitive salary with sign-on bonus
- Comprehensive benefits and retirement package
- Relocation assistance & CME allowance
- Attractive neighborhoods in scenic central Pennsylvania



PennState Health

FOR MORE INFORMATION PLEASE CONTACT:

Heather Peffley, PHR CPRP - Penn State Health Lead Physician Recruiter
hpeffley@pennstatehealth.psu.edu

Penn State Health is fundamentally committed to the diversity of our faculty and staff. We believe diversity is unapologetically expressing itself through every person's perspectives and lived experiences. We are an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.



Welcome to ACEP22

All you need to know about the 2022 ACEP Scientific Assembly

WELCOME TO ACEP22! You're an important part of this immersive, interactive experience built for emergency physicians, by emergency physicians. We're so glad you're here.

ACEP22 offers something for everyone. From clinical topic tracks to cutting-edge research, fun social events, and career development opportunities, there's a huge variety of events to choose from. You can build a custom ACEP22 itinerary that suits your passions and pursuits. Dive in!

Education Highlights

Opening General Session

9-10:30 a.m. | Saturday, Oct. 1

MCC, Exhibition Level, Hall E

Speakers: Dr. and Lady Glaucomflecken

You may want to bring some tissues to the Opening Keynote because whether you are laughing or crying, you might need them! Dr. Will Flanary and his wife Kristin, best known as their social media alter egos, Dr. and Lady Glaucomflecken, have quite a story to share. Dr. Glaucomflecken, a comedian-turned ophthalmologist, has entertained many with his hilarious medical skits, but he and Kristin have also been through a lot of scary moments. He's a two-time cancer survivor who was revived by Lady G when he suffered a sudden cardiac arrest in his sleep. Together they will share their perspectives about the physician, patient, and family experience with their unique blend of humor and empathy. Join them for a meet and greet event at ACEP Central in the exhibit hall following the session.

The Opening General Session is supported by bioMerieux.



Colin C. Rorrie, Jr. Lecture

Pandemic Silver Lining: New Policies Enacted During the Pandemic That Should Stay

12:30-1:20 p.m. | Saturday, Oct. 1

Location: Room 207, MCC

Faculty: Michael A. Granovsky, MD, FACEP

The COVID pandemic had far-reaching effects on a wide variety of health policy, from reimbursement to regulatory guidelines to licensure. We review several aspects of policies enacted during the last two years that had a positive effect on emergency medicine practice, including reimbursement, telemedicine, metrics, and guidelines, and much-needed improvements to medical staff credentialing and interstate medical licensure agreements.

Colin C. Rorrie, Jr., PhD, CAE, faithfully served the American College of Emergency Physicians from 1982-2003 as executive director. The selection of the Rorrie Lecture is based on the importance of the topic to the specialty of emergency medicine in the health policy arena.

NEW! Leon L. Haley, Jr. Memorial Lecture

Diversity, Equity, & Inclusion: The Patient, Trainee, & Leadership Perspective

4-4:25 p.m. | Saturday, Oct. 1

Location: Room 207, MCC

Faculty: Vonzella A. Bryant, MD, FACEP

Discussion about diversity in emergency medicine has been happening for years. What progress have we made? What improvements in outcomes does it bring? What techniques can improve the diversity of EM physicians at your workplace? Hear the answers to these vitally important questions to help our workforce better represent our patient populations.

An extraordinary leader committed to bettering his community, Leon Haley, Jr., MD, MHSA, FACEP, built bridges to close the gaps in health disparities and help cultivate an inclusive culture where everyone has the opportunity to reach their potential. The selection of the Leon Haley, Jr. Memorial Lecture is based on the importance of the topic to the specialty of emergency medicine in advancing efforts on diversity, inclusion and health disparity and equity.

Brooks F. Bock Lecture and Abstract Session

Moving Beyond the Rhetoric: How EM Is Leading Firearm Injury Prevention

9-9:50 a.m. | Sunday, Oct. 2

Location: Room 207, MCC

Faculty: Garen Wintemute, MD, MPH; Anthony Lagina, MD, FACEP (moderator)

In this annual Research Forum Keynote Lecture, Dr. Wintemute will provide an overview of why emergency care research on firearm injury prevention is part of our job. He will discuss the current state of research, its impact on current clinical practice, and where we are going next. His lecture will be followed by presentations from the top-scoring abstracts of the 2022 Research Forum.

Brooks F. Bock, MD, FACEP, served as ACEP President from 1983-84, is a member of the Emergency Medicine Foundation Board of Trustees, and is a recipient of ACEP's highest honor, the John G. Wiegenstein Leadership Award. The Brooks F. Bock Lecture provides a forum to recognize innovative emergency medicine researchers whose work has contributed to the advancement of the specialty. The session also includes abstract presentations on research that have the potential to transform clinical practice.

James D. Mills, Jr. Memorial Lecture

The Emergency Medicine Workforce

10-10:50 a.m. | Sunday, Oct. 2

Location: Room 207, MCC

Faculty: Catherine A. Marco, MD, FACEP

The ACEP Workforce study has presented challenges to the profession in its modeling of emergency medicine practice and predictions over the next 10 years. Updated activity and information on this most critical of specialty issues will be presented.

James D. Mills, Jr., MD, was one of the founders of the American College of Emergency Physicians and served the College as president for two consecutive terms from 1972-73. The selection of the Mills Lecture is based on the importance of the topic to the specialty of emergency medicine — its past, present, and future.





Special Events

ALL ATTENDEES AND GUESTS MUST WEAR OFFICIAL ACEP22 BADGE FOR ALL EVENTS.

COVID-19 safety protocols could force changes onsite. Please check the ACEP22 mobile app or the daily e-newsletters for the most current times and locations.

EMRA Job and Fellowship Fair

5-7 p.m. | Saturday, Oct. 1

Location: MCC, Exhibition Level, Hall D

Calling all graduating residents and EM physicians of all tenure looking for new opportunities! EMRA's Job and Fellowship Fair delivers a one-of-a-kind networking opportunity with nearly 70 employers who are looking for new staff. Use the Career Guide (page 65) to consider some thoughtful questions about their contracts and policies, and use the QR codes to review Employer Profiles prior to attending the Fair.

ACEP22 Kickoff Party

7:30-11 p.m. | Saturday, Oct. 1

Location: Grand Ballroom, Hilton Union Square

ACEP will visit the 1960s and the Haight-Ashbury days of San Francisco! Let your hair down and dress up in your most festive bohemian attire to dance the night away. A local band will perform your favorite music from all eras. Enjoy food and drinks while you catch up with your colleagues. Family-friendly activities will also be available. Registered, vaccinated guests may attend ACEP events after showing proof of vaccination and their ACEP22 guest badges.

Dine-Arounds

Advanced reservation required

7-9 p.m. | Sunday, Oct. 2

Are you attending ACEP22 alone or interested in meeting new colleagues and networking in small groups? Join the fun with the ACEP Dine-Around program! Meet emergency medicine leaders, luminaries, and all-star speakers for a night on the town at one of San Francisco's best restaurants.

Faculty Appreciation and Speaker Award Luncheon

By invitation only

11:15 a.m.-12:15 p.m. | Sunday, Oct. 2

Location: MCC, Exhibition Level, Hall E 20

All faculty who have made presentations at national ACEP educational meetings within the last year have been invited to attend this award luncheon. The Outstanding Speaker of the Year and other award winners are being honored at the luncheon. This event is open to each faculty member who responded to the invitation.



Times and locations are subject to change. Please confirm with the mobile app for the most current information.

Nancy J. Auer Lecture

Climate Fever: Earth's Vital Signs Are Changing Emergency Medicine Practice

10-10:50 a.m. | Monday, Oct. 3

Location: Room 207, MCC

Faculty: Renee N. Salas, MD

Climate change influences human health and disease. Expectations for emergency care as a result of increasing heat, decreasing air and water quality, changes in vector ecology, increasing allergens, and severe weather-related injuries will be discussed. What can we do to prepare for these changes? Is there a way we can mitigate these changes or are we too late?

Nancy J. Auer, MD, FACEP, was the first female president of the American College of Emergency Physicians in 1997-98 and served on the ACEP Board from 1991-99. The selection of the Auer Lecture is to recognize visionary leaders in emergency medicine who elevate the specialty through their ability to break through traditions, find innovative solutions, and build consensus to resolve the challenges in emergency medicine.

Closing General Session

Why We Matter, and Where Do We Go From Here?

1:30-2:20 p.m. | Monday, Oct. 3

Faculty: Diane Birnbaumer, MD, FACEP

Burnout is a complex and serious problem in emergency medicine, and the pandemic has left our collective morale feeling bruised and battered. Closing General Session keynote speaker Diane Birnbaumer, MD, FACEP, will get frank about our specialty's challenges and discuss practical approaches for building a fulfilling path forward.

Exhibit Hall

Exhibits

9:30 a.m.-3:30 p.m. | Saturday, Oct. 1-Monday, Oct. 3.
MCC

Grab coffee or soda while visiting the more than 200 exhibitors in the Exhibit Hall. Many exhibits feature hands-on product demonstrations and opportunities for one-on-one consultations with technical and marketing personnel. Breaks in the educational programming are provided each day with time to visit the Exhibit Hall.

While in the Exhibit Hall, be sure to:

- Visit ACEP Central, Learning Labs, and the Hacked! Hackathon
- Participate in one or more of the exciting Expert Theater presentations
- Enjoy complimentary coffee and soda during one of the break times.

Revenue from exhibiting companies directly supports the educational programs of ACEP22. This generous support enables ACEP to present the most comprehensive education for emergency physicians found anywhere. To express your appreciation and interest, the Educational Meetings

Subcommittee encourages you to visit as many exhibits as you can. Many of the products on display in the Exhibit Hall are potentially dangerous to unsupervised children. Therefore, at all times, an adult must accompany children younger than 18 years old. All guests must have a guest pass to enter. Visit the Registration Area for guest pass details. Under no circumstances are children or guests allowed in the exhibit area until the official opening of exhibits at 9:30 a.m. on Saturday.

Lead Retrieval

Attendees' registration badges will serve as a lead retrieval system for the exhibitors. Exhibit personnel will be able to scan the barcode on the badge to get the information provided upon registration.

ACEP Central

9:30 a.m.-3:30 p.m. | Saturday, Oct. 1-Monday, Oct. 3.

Location: MCC, Exhibit Hall, Booth 2001

ACEP Central is your home for all things ACEP while you're in San Francisco! Take new head shots at Studio ACEP, shop the ACEP Store, and explore the brand-new Career Center. Learn more about ACEP's accreditation and quality programs, as well as wellness resources to support you through the trials and tribulations of EM practice. If you have questions about ACEP member benefits, ACEP Insurance Services, or ongoing initiatives, this is the place to go.

New for ACEP2022: Hacked!

Help build the next generation of emergency medicine solutions.



We're in Silicon Valley – what better time to partner with the tech world to tackle some emergency medicine challenges?

Join us for Hacked!, an interactive hackathon event hosted by ACEP's Emergency Medicine Data Institute and ACEP's Health IT Committee in conjunction with Stanford University STEMI X innovators.

For 2.5 days, 12 teams of eight will work on impactful, practical EM solutions related to wearable health data, hospital at home and health care surveillance tools. Check it out and weigh in on the progress of the teams. Learn more at www.acep.org/acep22/hacked or stop by the space in the Exhibit Hall.

Wellness

Yoga / Meditation / Prayer Room

6 a.m.-6 p.m. | Saturday, Oct. 1-Monday, Oct. 3.

6 a.m.-1:30 p.m. Tuesday, Oct. 4

Location: MCC Room 62

Need some downtime from the ACEP22 adrenaline rush? Yoga mats and prayer mats are provided for gathering yourself and restoring peace.

Technology

Mobile App

Download the ACEP22 mobile app to access the complete course and Research Forum schedules, search faculty bios, and access presentations and course evaluations. To download the app:

1. Go to <http://acep22.acep.org> on your phone or desktop browser.
2. Select **Login**. Enter the email address you used to register for ACEP22.
3. Select **Get Magic Link**. This sends a magic link to your email.
4. Open the magic link from your email on your mobile device, and the app will automatically open and log you in.

Supported in part by Brault.

Virtual ACEP

7:30 a.m.-6 p.m. | Saturday, Oct. 1-Monday, Oct. 3

7:30 a.m.-1 p.m. | Tuesday, Oct. 4

Location: ACEP Central, Exhibit Hall, and Registration Area

Too many excellent sessions to choose from? Want to review a course you took? Need more CME credits?

With Virtual ACEP, you will be able to take your ACEP22 educational experience home. All the ACEP22 presentations will be available to you on-demand. This year, offline listening will be available. Virtual ACEP22 includes access to the slides and video from all the courses presented during the conference.



Connect

Social Media #ACEP22



Tweet live from the conference and use **#ACEP22** to share the latest news or follow us **@ACEPNow**. See party pics, get updates from the Council meeting and educational sessions at [facebook.com/ACEPfan](https://www.facebook.com/ACEPfan) and on Instagram **@ACEPnation**. Let your colleagues back home know what they are missing.

Want to see what ACEP is up to with health policy, advocacy, and the public at large? Follow **@emergencydocs** on Twitter, too.

Want to put a face with a handle? Join us for the ACEP Communications Happy Hour from **6-7:30 p.m., Sunday, Oct. 2, at the Hilton**. Check the mobile app for location details.

Thanks to the ACEP22 Social Media Team:

- Matt Astin, MD, FACEP
@mastinmd
- Sirivalli Chamarti, MD
@heysirimd (Instagram)
- Cedric Dark, MD, MPH, FACEP
@RealCedricDark
- Nick Genes, MD, FACEP
@nickgenes
- Puneet Gupta, MD, FACEP
@EMdocinabox
- Seth Hawkins, MD, FACEP
@HawkVox
- Amy Faith Ho, MD, MPH
@amyfaithho
- Alex Limkakeng, MD, MHSc, FACEP
@Alimkakeng
- Ryan Marino, MD, FACEP
@RyanMarino
- Ken Milne, MD
@TheSGEM - the Skeptics's Guide to EM
- Taylor Nichols, MD
@tnicholsmd
- Jason T. Nomura, MD, FACEP
@Takeokun
- Megan L. Ranney, MD, MPH, FACEP
@meganranney
- Kristy Schwartz, MD, MPH, FACEP
@kaynani32
- Harry Sibold, MD, FACEP
@HarrySiboldMD
- Ryan Stanton, MD, FACEP
@everydayMed
- Seth Trueger, MD, MPH, FACEP
@mdaware
- Manrique Umana, MD
@umanamd
- Lauren Westafer, DO, MPH, FACEP
@lwestafer

All handles are for Twitter unless otherwise noted.

ACEP Leadership

ACEP Board of Directors Meeting

8 a.m.-Noon | Monday, Oct. 3

Location: Hilton, Lobby Level, Plaza A

The Board of Directors of the American College of Emergency Physicians conducted a regular business meeting on Wednesday, Sept. 28. The Board meets again on Monday to consider Council resolutions and to elect the Chair of the Board, Secretary-Treasurer and Vice President for 2022-23. Board meetings are open to all members of the College.

Committee Meetings

The College's committees are holding meetings during ACEP22. Committee meetings are open to all ACEP members. See the Schedule of Events, beginning on page 30, for committee meetings information.

Sections of Membership

Annual meetings for the College's 40 sections of membership take place during ACEP22. If you are interested in joining a section, these meetings are a good opportunity to learn more and get involved in section activity. Section membership is open to all ACEP members. See the Schedule of Events, beginning on page 30, for section meetings information.

Onsite Information

Registration Hours

10 a.m.-5 p.m. | Friday, Sept. 30

7 a.m.-6 p.m. | Saturday, Oct. 1

7 a.m.-6 p.m. | Sunday, Oct. 2

7:30 a.m.-5:30 p.m. | Monday, Oct. 3

7:30 a.m.-1 p.m. | Tuesday, Oct. 4

Location: MCC, Lobby Level South, South Lobby

The course schedule you chose during registration is available on the ACEP22 mobile app. See page 10 for information about downloading the app.

COVID-19 Protocols

Your health is our No. 1 priority. Check the ACEP22 mobile app and the daily e-newsletters for the most current information about health and safety protocols while at ACEP22.

- All ACEP22 attendees are required to be fully vaccinated.
- Masks and social distancing protocols are encouraged at all indoor events.
- Vaccinated guests may attend ACEP events after showing proof of vaccination and a guest pass.

ACEP San Francisco Hotels

Grand Hyatt San Francisco

345 Stockton St.
415-398-1234

Hilton San Francisco Union Square

333 O'Farrell St.
415-771-1400

Hotel Nikko San Francisco

222 Mason St.
415-394-1111

Hyatt Regency San Francisco

5 Embarcadero Center
415-788-1234

Hyatt Regency San Francisco SoMa

Downtown
50 Third St.
415-974-6400

InterContinental San Francisco, an IHG Hotel

888 Howard St.
415-616-6500

JW Marriott San Francisco Union Square

515 Mason St.
415-771-8600

Palace Hotel, a Luxury Collection Hotel

2 New Montgomery St.
415-512-1111

Parc 55 San Francisco Hotel

55 Cyril Magnin St.
415-392-8000

San Francisco Marriott Marquis

780 Mission St.
415-896-1600

San Francisco Marriott Union Square

480 Sutter St.
415-398-8900

The Clancy, Autograph Collection

299 Second St.
415-947-0700

The Westin St. Francis

335 Powell St.
415-397-7000

W San Francisco

181 Third St.
415-777-5300



Times and locations are subject to change. Please confirm with the mobile app for the most current information.

Name Badges

All registrants will be provided a name badge for use during the meeting. For security purposes, you will be required to always wear your badge, and badges will be scanned for admission to all official events. Individuals without a visible badge will not be permitted into the course rooms, Exhibit Hall, Kickoff Party, or other official ACEP22 activities. You do not need to retain your badge to obtain CME credit. To have a badge replaced, visit the ACEP22 Registration area. Badges are non-transferrable.

Breaks

Complimentary coffee and sodas available during daily breaks in these locations:

Exhibit Hall

Saturday, Oct. 1

10:30 a.m.-12:30 p.m., 2:30-3:30 p.m.

Sunday, Oct. 2, and Monday, Oct. 3

11 a.m.-12:30 p.m., 2:30-3:30 p.m.

Registration

Tuesday, Oct. 4

7:30 a.m.-1 p.m.

Convention Office

Location: Room 104, MCC

7:30 a.m.-6 p.m. | Thursday, Sept. 29-Friday, Sept. 30

7:00 a.m.-6 p.m. | Saturday, Oct. 1-Monday, Oct. 3

7:30 a.m.-1:30 p.m. | Tuesday, Oct. 4

If you have questions or comments while attending ACEP22, please stop by the Convention Office.

Lost and Found

Location: Room 101, MCC

If you lose or find any items at the convention center or the hotels, you may check with the staff in the Convention Office. ACEP is not responsible for any lost or stolen property.

First Aid Station

Location:

South First Aid Office: MCC, Hall C behind Room 6

The convention center staff is responsible for treating medical emergencies and serves as liaison to emergency-care agencies. If an emergency takes place outside the convention center, dial 911 for assistance.

Nursing Mother's Lounge

The Nursing Mother's Lounge is supported in part by TeamHealth.

Location: Hilton Union Square, Fourth Floor, 25

8 a.m.-5:30 p.m. | Wednesday, Sept. 28-Monday, Oct. 3

8 a.m.-1:30 p.m. | Tuesday, Oct. 4

Location: Marriott Marquis, Pacific B

8 a.m.-5:30 p.m. | Wednesday, Sept. 29-Monday, Oct. 3

8 a.m.-1:30 p.m. | Tuesday, Oct. 4

Location: MCC, Lower Mezzanine, 56

8 a.m.-5:30 p.m. | Thursday, Sept. 29-Monday, Oct. 3

8 a.m.-1:30 p.m. | Tuesday, Oct. 4

Americans With Disabilities Act

In accordance with the Americans With Disabilities Act, ACEP uses only facilities that are in compliance. If you require special assistance while attending ACEP22, contact ACEP staff at conventionoffice@acep.org or visit Room 101, MCC.

Meeting Conduct Policy

ACEP prohibits any form of harassment, sexual or otherwise, as set forth in its Non-Discrimination and Harassment Policy. Accordingly, some behaviors are specifically prohibited, whether directed at other attendees, ACEP staff, speakers, exhibitors, or event venue staff:

- Harassment or discrimination based on race, religion, gender, sexual orientation, gender identity, gender expression, disability, ethnicity, national origin, or other protected status.
- Sexual harassment or intimidation, including unwelcome sexual attention, stalking (physical or virtual), or unsolicited physical contact.
- Yelling at, threatening, or personally insulting speakers (verbally or physically).

Participants asked to stop engaging in hostile or harassing behavior are expected to comply immediately.

These conduct rules apply to all attendees and participants at any ACEP-sponsored event, as well as ACEP-sponsored meeting social events (such as the ACEP22 Kickoff Party, section receptions, etc.). All who register to participate, attend, speak at, or exhibit at an ACEP event agree to comply with this policy.

Award Recipients

The outstanding achievements of the 2022 Leadership Award Recipients will be honored throughout ACEP22.

PAMELA P. BENSEN
TRAILBLAZER AWARD



MICHAEL L. CALLAHAN, MD,
FACEP

COLIN C. RORRIE, JR. AWARD
FOR EXCELLENCE IN HEALTH
POLICY



JENNIFER L. WILER, MD, MBA,
FACEP

JUDITH E. TINTINALI AWARD
FOR OUTSTANDING
CONTRIBUTION IN EDUCATION



PETER M. DEBLIEUX, MD,
FACEP

JOHN G. WIEGENSTEIN LEADERSHIP AWARD



REBECCA B. PARKER, MD, FACEP

DIANE K. BOLLMAN CHAPTER
ADVOCATE AWARD



SUE BARNHART

DIANE K. BOLLMAN CHAPTER
ADVOCATE AWARD



COLLEEN KOCHANEK

DISASTER MEDICAL
SCIENCES AWARD



ROY L. ALSON, MD, PHD, FACEP

JAMES D. MILLS OUTSTANDING CONTRIBUTION TO EMERGENCY
MEDICINE AWARD



RICHARD C. HUNT, MD, FACEP

OUTSTANDING CONTRIBUTION
IN EMS AWARD



RONALD M. ROTH, MD, FACEP

OUTSTANDING CONTRIBUTION
IN RESEARCH AWARD



DEBORAH B. DIERCKS, MD,
MSC, FACEP

OUTSTANDING CONTRIBUTION
IN RESEARCH AWARD



KEVIN WARD, MD, FACEP

POLICY PIONEER AWARD



ZACHARY J. JAROU, MD, MBA

HONORARY MEMBERSHIP
AWARD



BRAD GRUEHN

HONORARY MEMBERSHIP
AWARD



MARGARET MONTGOMERY,
RN, MSN

JOHN A. RUPKE LEGACY AWARD



LOUIS J. LING, MD, FACEP

HONORARY MEMBERSHIP
AWARD



JOHN "JACK" ROZEL, MD,
MSL, DFAPA

HONORARY MEMBERSHIP
AWARD



WILLIAM TODD THOMAS, CPC,
CCS-P

ACEP Leadership and Staff

2021-22 Board of Directors



Council Officers



KELLY GRAY-EUROM, MD, MMM, FACEP
SPEAKER



MELISSA W. COSTELLO, MD
VICE-SPEAKER

Staff Senior Management Team



SUSAN SEODRY, MA, CAE
EXECUTIVE DIRECTOR



ROBERT HEARD, MBA, CAE,
CHIEF OPERATING OFFICER



PAWAN GOYAL, MD, MHA, PMP,
CBA, FHIMSS, FAHIMA, CPHIMS
SENIOR VICE PRESIDENT, QUALITY



MICHELE BYERS, CAE, CMP, DES,
SENIOR VICE PRESIDENT,
ASSOCIATION MANAGEMENT SERVICES



LAYLA POWERS, SENIOR VICE
PRESIDENT, ACCOUNTING AND
FINANCE



SANDRA SCHNEIDER, MD, FACEP,
SENIOR VICE PRESIDENT, CLINICAL
AFFAIRS



LESLIE MOORE, JD, SENIOR VICE
PRESIDENT, GENERAL COUNSEL



JODI TALIA, SENIOR VICE
PRESIDENT, DEVELOPMENT EMF
EXECUTIVE DIRECTOR



LAURA WOOSTER, MPH, SENIOR
VICE PRESIDENT, ADVOCACY AND
PRACTICE AFFAIRS



ATUL SRIVASTAVA,
CHIEF TECHNOLOGY OFFICER



MOLLIE PILLMAN, SENIOR VICE
PRESIDENT, MEMBER ENGAGEMENT



JANA NELSON, SENIOR VICE
PRESIDENT, COMMUNICATIONS



Explore ACEP Central in the Exhibit Hall

ACEP Central is your home for all things ACEP while you're in San Francisco! Take new head shots at Studio ACEP, shop the ACEP Store, and explore the brand-new Career Center. Learn more about ACEP's accreditation and quality programs, as well as wellness resources to support you through the trials and tribulations of EM practice. If you have questions about ACEP member benefits, ACEP Insurance Services, or ongoing initiatives, this is the place to go.

Wellness & Assistance Program

All ACEP members have access to three, FREE confidential counseling or wellness coaching sessions through our partnership with Mines & Associates. And for just \$15 per year, ACEP members can also access Mines & Associates' legal and financial support assistance.

Insurance Services

ACEP Insurance Services helps safeguard you, your loved ones, and your livelihood. NEW for 2022: Ask us about business insurance services for your independent group!

Accreditation

ACEP is dedicated to improving the quality of acute care to patients. Learn more about the Clinical Ultrasound Accreditation Program (CUAP), Geriatric Emergency Department Accreditation (GEDA), and Pain and Addiction Care in the ED (PACED).

Emergency Medicine Data Institute (EMDI)

ACEP recently established the EM Data Institute, a next-generation digital platform that integrates over 1,000 hospitals to collect data and build new products to enhance emergency care. EMDI and its Clinical Emergency Data Registry (CEDR) positions teams for success in QPP/MIPS quality reporting requirements and identification of optimal clinical practices. EMDI also supports Quality Improvement activities via the collaborative-driven Emergency Quality Network (E-QUAL).

emCareers

Check out the new emCareers, offering career support for each phase of your emergency medicine journey. Stop by Studio ACEP at ACEP Central to get a fresh headshot and kickstart your job seeker profile in style!

ACEP Store

Stock up on ACEP resources or EM swag! Learn more about ACEP's digital education, including the Online Learning Collaborative, recently expanded PEERCert+, and more.

The Emergency Medicine Foundation (EMF) strives to be the principal sponsor of scientifically rigorous research and education that advances emergency care. Join us as we celebrate 50 years of funding innovative research to address critical issues that support the future of EM physicians.

Schedule of Events

Thursday, Sept. 29

7 a.m.-6 p.m.
EMF Council Challenge
Hilton, Grand Ballroom A

Friday, Sept. 30

7 a.m.-6 p.m.
EMF Council Challenge
Hilton, Grand Ballroom A

Saturday, Oct. 1

7 a.m.-4 p.m.
EMF Major Donor Lounge
By invitation only
MCC, Lobby Level South

9 a.m.-4 p.m.
EMF Silent Auction
MCC, Lobby Level South

12-3 p.m.
EMF Board of Trustees Meeting
MCC, Hall E 21

Sunday, Oct. 2

7 a.m.-4 p.m.
EMF Major Donor Lounge
By invitation only
MCC, Lobby Level South

9 a.m.-4 p.m.
EMF Silent Auction
MCC, Lobby Level South

12-1:30 p.m.
EMF Grantee and Awards Showcase
MCC, Level Three, 307

6-8 p.m.
EMF 50th Anniversary Reception
Price: By invitation only, select tickets available for \$150
B Restaurant and Bar San Francisco

Monday, Oct. 3

7 a.m.-4 p.m.
EMF Major Donor Lounge
By invitation only
MCC, Lobby Level South

9 a.m.-4 p.m.
EMF Silent Auction
MCC Lobby Level South



EMF Council Challenge
 ACEP Council members have contributed more than \$2.5 million since the challenge inception, demonstrating their commitment to fund research that fuels the specialty.

EMF Major Donor Lounge
By invitation only
 EMF's donor lounge allows those who give \$600 and above annually to relax and enjoy refreshments and breakfast each day. The lounge overlooks the main lobby at the Moscone Convention Center and includes a comfortable seating area.

EMF Silent Auction
 One-of-a-kind experiences, sports, music, celebrity memorabilia, art, jewelry, and more. Bid, buy, and support EMF.

50 Years Celebration
Price: \$150
 Join the major donors, EMF and ACEP leaders, dedicated physician groups, and committed companies invested in emergency medicine to celebrate EMF's 50th anniversary. Complimentary tickets for EMF's \$1,200+ donors and Wiegenstein Legacy Society members. Select tickets will be available for \$150 per person.

EMF Exhibit with a Cause
 Be sure to stop by the VapoTherm Booth #1624 in the exhibit hall for a fun, in-booth promotion to benefit EMF.

Thank you to our supporters for your generosity and dedication to the success of EMF and to the future of emergency medicine.

Donations between Jan. 1, 2021, through Aug. 2, 2022.

Mentor Circle: \$10,000

Paul S. Auerbach, MD, MS, FACEP, FAWM
Leonard M. Riggs, Jr., MD, FACEP
David E. Wilcox, MD, FACEP

Leadership Circle: \$5,000

Brooks F. Bock, MD, FACEP
Kelly Foley, MD, FACEP
Vidor E. Friedman, MD, FACEP
Nancy Wang, MD, FACEP
Marvin A. Wayne, MD, FACEP

1972 Club: \$1,972 to \$4,999

Peggy A. Brock
A. Compton Broders, MD, FACEP
Savoy Brummer, MD, FACEP
Bruce E. Burns, MD
Charles Cairns, MD, FACEP
Michael L. Callahan, MD, FACEP
Marco Coppola, DO, FACEP
Tanya L. Downing
John T. Finnell, II, MD, FACMI, FACEP
Angela F. Gardner, MD, FACEP
Marianne Gausche-Hill, MD, FACEP
Cai Glushak, MD, FACEP
Jeffrey Michael Goodloe, MD, FACEP
Michael A. Granovsky, MD, FACEP
Andrea L. Green, MD, FACEP
Robert Heard, MBA, CAE
William Paul Jaquis, MD, FACEP
Christopher S. Kang, MD, FACEP
Jay A. Kaplan, MD, FACEP
Gabe D. Kelen, MD, FACEP
Angela F. Mattke, MD, FACEP
Kurtis A. Mayz, JD, MD, MBA
Marc A. Milano, MD, FACEP
Sonja R. Montgomery, CAE
Rick Murray, EMT-P

Andrew S. Nugent, MD
Robert E. O'Connor, MD, MPH, FACEP
Brian J. O'Neil, MD, FACEP
Laura C. Parnell, MD, FACEP
Nathan Phillip Peimann, MD, FACEP
Thomas B. Pinson, MD, FACEP
R. Lynn Rea, MD, FACEP
Lynne D. Richardson, MD, FACEP
Ralph James Riviello, MD, FACEP
Mark S. Rosenberg, DO, MBA, FACEP
Andrew Sama, MD, FACEP
Luke Christopher Saski, MD, FACEP
Susan E. Sedory, MA, CAE
Robert C. Solomon, MD, FACEP
Richard L. Stennes, MD, MBA, FACEP
Reuben J. Strayer, MD, FACEP
K.J. Temple, MD, FACEP
Aisha Terry, MD, MPH, FACEP
Todd Thomas, CPC, CCS-P
James D. Thompson, MD, FACEP
Arvind Venkat, MD, FACEP
David E. Wilcox, MD, FACEP
John Younger, MD

Friends of EMF: \$1,200 to \$1,971

James B. Aiken, MD, MHA, FACEP
Richard Lee Austin, Jr, MD
Michael J. Baker, MD, FACEP
Brien Alfred Barnewolt, MD, FACEP
Andrew I. Bern, MD, FACEP
Diane M. Birnbaumer, MD, FACEP
Michael D. Bishop, MD, FACEP(E)
Michael A. Bohrn, MD, FACEP
Thomas A. Brunell, MD, FACEP
Laura G. Burke, MD, MPH, FACEP
Christina Campana, DO, FACEP
Jordan GR Celeste, MD, FACEP
Sara S. Chakel, MD, FACEP

L. Anthony Cirillo, MD, FACEP
Kathleen J. Clem, MD, FACEP
R. Carter Clements, MD, FACEP
Kyle E. Couperus, MD
Kathleen Cowling, DO, MS, MBA, FACEP
Carrie de Moor, MD, FACEP
Robert J. Day, MD
Carrieann E. Drenten, MD, FACEP
Diana L. Fite, MD, FACEP
Stephen Grant, MD, FACEP
Kelly Gray-Eurom, MD, MMM, FACEP
Richard Hamilton, MD, FACEP
Robert Hancock, Jr, DO, FACEP
Allison Leigh Harvey, MD, FACEP
F. Richard Heath, MD, FACEP
Antonia R. Helbling, MD
Jon Mark Hirshon, MD, MPH, PhD, FACEP
Peter J. Jacoby, MD, FACEP
Doug Jeffrey, MD, FACEP
Nicholas John Jouriles, MD, FACEP
Gary R. Katz, MD, MBA, FACEP
Jacob Keeperman, MD, FACEP
Eric Michael Ketcham, MD, FACEP
Napoleon B. Knight, MD, FACEP
Amy T. Kumagai, DO, FACEP
Thomas W. Lukens, MD, PhD, FACEP
Robert T. Malinowski, MD, FACEP
Michael McCrea, MD, FACEP
Torree M. McGowan, MD, FACEP
John Gerard McManus, Jr., MD, FACEP
J. Mark Meredith, MD, FACEP
Thomas R. Mitchell, MD, FACEP
George W. Molzen, MD, FACEP
John C. Moorhead, MD, FACEP
Joshua B. Moskovitz, MD, MBA, MPH,
FACEP
Matthew B. Mostofi, DO, FACEP
Carla Elizabeth Murphy, DO, FACEP

Ira R. Nemeth, MD, FACEP
Christopher W. Pergrem, MD, FACEP
John H. Proctor, MD, MBA, FACEP
Amy B. Raubenolt, MD, FACEP
Steven Rea, MD, FACEP
Luke Saski, MD, FACEP
Gillian Schmitz, MD, FACEP
Robert W. Schafermeyer, MD, FACEP
Sandra M. Schneider, MD, FACEP
David Charles Seaberg, MD, CPE, FACEP
David P. Sklar, MD, FACEP
Annalise Sorrentino, MD, FACEP
Jennifer L'Hommedieu Stankus, MD, JD,
FACEP
Daryl Thomas Steen, MD, FACEP
Thomas Sugarman, MD, FACEP
Sara F. Sutherland, MD, MBA, FACEP
Gary William Tamkin, MD, FACEP
Joseph C. Tennyson, MD, FACEP
James D. Thompson, MD, FACEP
Alexandra Nicole Thran, MD, FACEP
Larisa M. Traill, MD, FACEP
Arlo F. Weltge, MD, MPH, FACEP
James M. Williams, DO, FACEP

Wilcox Council Challenge: \$600 to \$1,199

Jim V. Antinori, MD, FACEP
Brahim Ardolic, MD, FACEP
James Jerome Augustine, MD, FACEP
Bryan L. Balentine, MD, FACEP
Marion C. Bishop, MD, PhD
Keenan M. Bora, MD, FACEP
Dan Charles Breece, DO, FACEP
David Wesley Brewer, MD, FACEP
Rodney W. Borger, MD, FACEP
Thomas A. Brunell, MD, FACEP
Cameron Ross Buck, MD, FACEP

Michael L. Carius, MD, FACEP
 John Casey, DO, MA
 Robert Raymond Cooney, MD
 Angela Pettit Cornelius, MD, FACEP
 Adam Thomas Crawford, DO, FACEP
 Anneliese Cuttle, MD
 David Benjamin Deuell, DO
 Ankur A. Doshi, MD, FACEP
 Kelly M. Douglas, MD
 James Joseph Dugal, MD, FACEP(E)
 Irv E. Edwards, MD, FACEP
 William Basil Felegi, DO, FACEP
 Wesley Fields, MD, FACEP
 Todd Fijewski, MD, FACEP
 William E. Franklin, DO, FACEP
 Michael Joseph Gerardi, MD, FACEP
 Robert D. Greenberg, MD, FACEP
 Kathryn Groner, MD, FACEP
 Cecilia Guthrie, MD, FACEP
 Shayne M. Gue, MD
 Alison J. Haddock, MD, FACEP
 F. Richard Heath, MD, FACEP
 Gregory L. Henry, MD, FACEP
 Nathaniel T. Hibbs, DO, FACEP
 Kenneth Hickey, MD, FACEP
 Larry Allen Hobbs, MD, FACEP
 Cheryl D. Hobgood, MD, FACEP
 Kenneth L. Holbert, MD, FACEP
 Dennis E. Hughes, DO, FACEP
 Gina Teresa Huhnke, MD, FACEP
 Valerie Hunt
 Leland Irwin, MD, FACEP
 Jeffrey Johnson, MD, FACEP
 Steven B. Kailes, MD, FACEP
 Marc P. Kanter, MD, FACEP
 Fred E. Kency, Jr, MD
 James Raymond Kennedy, MD, MPH,
 FACEP

Kathleen Kerrigan, MD, FACEP
 Eric Michael Ketcham, MD, FACEP
 Heidi C. Knowles, MD, FACEP
 Chadd K. Kraus, DO, DrPH, MPH, FACEP
 Kathleen Marie Lawliss, MD, FACEP
 Phillip Luke LeBas, MD, FACEP
 Penelope Chun Lema, MD, FACEP
 Philip L. Levin, MD, FACEP
 Bruce M. Lo, MD, MBA, RDMS, FACEP
 John L. Lyman, MD, FACEP
 William K. Mallon, MD, FACEP
 Anthony S. Mazzeo, MD, FACEP
 Therese G. Mead, DO, FACEP
 Dennis Lucas McGill, MD, FACEP
 Laura N. Medford-Davis, MD, FACEP
 Christina Millhouse, MD, FACEP
 Leslie Moore, JD
 Hani Osama Mowafi, MD, FACEP
 Karen Murrell, MD, MBA, FACEP
 Susan Marie Nedza, MD, MBA, FACEP
 Nestor B. Nestor, MD, FACEP
 Kristen Nordenholz, MD, FACEP
 Jeffrey G. Norvell, MD, MBA, FACEP
 Jane O'Shaughnessy, MD, FACEP
 Sanjay Pattani, MD, FACEP
 Charles F. Pattavina, MD, FACEP
 Rebecca B. Parker, MD, FACEP
 Christine Mae Patton, MD, FACEP
 Robert Francis Poirier, Jr, MD, MBA, FACEP
 Paul R. Pomeroy, Jr, MD, FACEP
 John T. Powell, MD, MHCDS, FACEP
 Craig Price, CAE
 Layla Powers
 Shawn M. Quinn, DO, FACEP
 Russell D. Radtke, MD
 Hope A. Ring, MD
 Michael Ritter, MD, FACEP
 John J. Rogers, MD, FACEP

Alexander Max Rosenau, DO, FACEP
 Christian Ross, MD, FACEP
 Matthew Rudy, MD, FACEP
 Nathaniel R. Schlicher, MD, JD, MBA,
 FACEP
 Jeremiah Schuur, MD, MHS, FACEP
 John Skiendzielewski, MD, FACEP
 Todd L. Slesinger, MD, FACEP
 Sullivan K. Smith, MD, FACEP
 Steven Joseph Stack, MD, MBA, FACEP
 Donald E. Stader, MD, FACEP
 Ryan Stanton, MD, FACEP
 Gary C. Starr, MD, FACEP
 Andrew Taylor, DO
 Todd B. Taylor, MD, FACEP
 Gerad A. Troutman, MD, FACEP
 Michael A. Turturro, MD, FACEP
 Patrick Um, MD, FACEP
 Bradley J. Uren, MD, FACEP
 Nicole Ann Veitinger, DO, FACEP
 Peter Viccellio, MD, FACEP
 Deborah E. Weber, MD, FACEP
 Dennis C. Whitehead, MD, FACEP
 Mildred J. Willy, MD, FACEP
 Cathey Wise, CAE
 Thomas E. Wyatt, MD, FACEP
 Charlotte S. Yeh, MD, FACEP
 Luis Carlos Zapata, MD, FACEP
 Anne Zink, MD, FACEP
 Andrew R. Zinkel, MD, MBA, FACEP
 Joseph A. Zito, MD, FACEP

Resident VIP Club (Residents and Med Students): \$120

Erik Blutinger, MD, MSc
 Angela Cai, MD, MBA
 Hannah R. Hughes, MD, MBA
 Breanne M. Jaqua, DO, MPH
 Priyanka Lauber, DO
 Omar Z. Maniya, MD, MBA
 Karina Sanchez, MD
 George RJ Sontag, MD
 Sophia Spadafore, MD
 Gregory H. Tanquary

NEMPAC

National Emergency Medicine PAC

The National Emergency Medicine PAC (NEMPAC) is ACEP's political action committee and a leader within the physician and medical community in federal candidate and voter education, targeted bi-partisan political activism, and direct candidate support. Funded solely by voluntary donations from ACEP members, including Residents, NEMPAC focuses on improving the practice environment for emergency physicians and the delivery of care to patients. NEMPAC is one of the top four physician PACs in the nation, raising nearly \$2 million per election cycle from ACEP members.

Special Events

NEMPAC "Give-a-Shift" Donor Lounge

By invitation only

8 a.m.-4 p.m. | Saturday-Monday

Location: MCC, Lobby Level South, Room 104

ACEP members who have donated at the "Give-a-Shift" level (\$1,200 for Attendings, \$120 for Residents, \$365 for transitioning and retired members) in 2022 are invited to visit and enjoy this private lounge with breakfast, lunch, and access to television, meeting space, head and neck massage, and business center amenities. NEMPAC Board members and staff will be available to discuss NEMPAC's mission and activities.

NEMPAC Councilor Challenge

7 a.m.-6 p.m. | Thursday-Friday

Location: Hilton, Grand Ballroom A

The ACEP Board of Directors and Council collectively donate \$300,000 annually to NEMPAC. This two-day event will challenge Council representatives from ACEP chapters, ACEP sections, and EMRA to reach 100% participation in NEMPAC in 2022. Their solid, continued commitment encourages all ACEP members to support NEMPAC to increase the political influence of the specialty.



NEMPAC VIP Donor Reception

By invitation only

6-8 p.m. | Friday

Location: The View Lounge, Marriott Marquis

NEMPAC donors who have contributed \$600 or more in 2022 (\$60 or more for Residents) are invited to celebrate NEMPAC's growth and success while mingling with other donors and NEMPAC and ACEP leaders.

NEMPAC Leaders Happy Hour

5 p.m. | Saturday

Location: MCC, Lobby Level South, Room 104

Cocktails and conversation with leaders and future leaders of political advocacy for emergency medicine.

NEMPAC VIP Donors

Donations as of Aug. 12, 2022

Chairman's Club

(\$5,000 annually)

Irv Edwards, MD, FACEP

Robert McCormack, MD, FACEP

Darin Gregory Wiggins, MD, FACEP

Platinum Donors

(\$2,500 annually)

Brien A. Barnewolt, MD, FACEP

Carrie de Moor, MD, FACEP

William Basil Felegi, DO, FACEP

Kelly Foley, MD, FACEP

Vidor E. Friedman, MD, FACEP

Angela F. Gardner, MD, FACEP

Marianne Gausche-Hill, MD, FACEP

Saundra A. Jackson, MD, FACEP

Peter J. Jacoby, MD, FACEP

Larry L. Land, MD, FACEP

Thomas B. Pinson, MD, FACEP

Lonnie Schwirtlich, MD, FACEP

15 Year Give-a-Shift Donors

Andrew L. Aswegan, MD, FACEP

Andrew I. Bern, MD, FACEP

Michael D. Bishop, MD, FACEP

Brooks F. Bock, MD, FACEP

Joseph J. Calabro, DO, FACEP

Michael L. Carius, MD, FACEP

L. Anthony Cirillo, MD, FACEP

Angelo L. Falcone, MD, FACEP

Michael J. Gerardi, MD, FACEP

Andrea L. Green, MD, FACEP

Ramon W. Johnson, MD, FACEP
 Nicholas J. Jouriles, MD, FACEP
 Julius (Jay) A. Kaplan, MD, FACEP
 Linda L. Lawrence, MD, CPE, FACEP
 Sharon E. Mace, MD, FACEP
 Robert T. Malinowski, MD, FACEP
 Catherine A. Marco, MD, FACEP
 J. Mark Meredith, MD, FACEP
 James C. Mitchiner, MD, MPH, FACEP
 John C. Moorhead, MD, FACEP
 Ira R. Nemeth, MD, FACEP
 David C. Packo, MD, FACEP
 Charles F. Pattavina, MD, FACEP
 Lee E. Payne, MD, FACEP
 John H. Proctor, MD, MBA, FACEP
 Steven J. Stack, MD, MBA, FACEP
 Richard L. Stennes, MD, MBA, FACEP
 Mary Jo Wagner, MD, FACEP
 David E. Wilcox, MD, FACEP

10 Year Give-a-Shift Donors

James B. Aiken, MD, FACEP
 Jim V. Antinori, MD, FACEP
 Brahim Ardolic, MD, FACEP
 Michael J. Baker, MD, FACEP
 Ashley Booth-Norse, MD, FACEP
 Jordan G.R. Celeste, MD, FACEP
 Christopher Corbit, MD, FACEP
 Randal L. Dabbs, MD, FACEP
 Marc M. Dreier, MD, FACEP
 John T. Finnell, II, MD, FACEP
 Diana L. Fite, MD, FACEP
 Scott H. Freedman, MD, FACEP
 Daniel Freess, MD, FACEP
 William S. Gallea, MD, FACEP
 Jeffrey M. Goodloe, MD, FACEP
 Kelly Gray-Eurom, MD, MMM, FACEP

Robert D. Greenberg, MD, FACEP
 Rachelle A. Greenman, MD, FACEP
 Alison J. Haddock, MD, FACEP
 William C. Haselow, MD, FACEP
 Carlton E. Heine, MD, PhD, FACEP
 Douglas M. Hill, DO, FACEP
 Larry A. Hobbs, MD, FACEP
 Kenneth L. Holbert, MD, FACEP
 Steven B. Kailes, MD, FACEP
 Christopher S. Kang, MD, FACEP
 Rami R. Khoury, MD, FACEP
 Paul D. Kivela, MD, MBA, FACEP
 Heidi C. Knowles, MD, FACEP
 Terry Kowalenko, MD, FACEP
 Paul A. Kozak, MD, FACEP
 Michael Lozano, Jr, MD, MSHI, FACEP
 Merci G. Madar, MD, FACEP
 Michael McCrea, MD, FACEP
 Dennis L. McGill, MD, FACEP
 Thomas R. Mitchell, MD, FACEP
 George W. Molzen, MD, FACEP
 Joshua B. Moskovitz, MD, MBA, MPH,
 FACEP
 Matthew B. Mostofi, DO, FACEP
 Rebecca B. Parker, MD, FACEP
 Richard D. Robinson, MD, FACEP
 Luke C. Sasaki, MD, FACEP
 Nathaniel R. Schlicher, MD, JD, MBA,
 FACEP
 Sandra M. Schneider, MD, FACEP
 David C. Seaberg, MD, CPE, FACEP
 Gregory L. Shangold, MD, FACEP
 Mark Slabinski, MD, FACEP
 Todd L. Slesinger, MD, FACEP
 Virgil W. Smaltz, MD, MPA, FACEP
 Peter E. Sokolove, MD, FACEP
 Ryan Stanton, MD, FACEP

Gary C. Starr, MD, FACEP
 Lawrence M. Stock, MD, FACEP
 Thomas J. Sugarman, MD, FACEP
 Travis Ulmer, MD, FACEP
 Mildred J. Willy, MD, FACEP

5 Year Give-a-Shift Donors

Amer Aldeen, MD, FACEP
 John D. Anderson, MD, FACEP
 James J. Augustine, MD, FACEP
 Vijak S. Ayasanonda, MD, FACEP
 Jessica A. Best, MD, FACEP
 Robert Blankenship, MD, FACEP
 Jefferson Bracey, DO, FACEP
 Jennifer H. Bradstreet, MD, FACEP
 Dan C. Breece, DO, FACEP
 Michael J. Bresler, MD, FACEP
 David W. Brewer, MD, FACEP
 Bradley Burmeister, MD, FACEP
 Joel E. Buzy, MD, FACEP
 John Casey, DO, MA, FACEP
 Kene A. Chukwuanu, MD, FACEP
 Justin D. Coomes, MD, FACEP
 Sydney E. DeAngelis, MD, FACEP
 Christopher I. Doty, MD, FACEP
 Ryan M. Dowden, MD, FACEP
 Carrieann E. Drenten, DO, FACEP
 Mark R. Dziedzic, MD, FACEP
 Paul J. Eakin, MD, FACEP
 Todd Fijewski, MD, FACEP
 Marsha D. Ford, MD, FACEP
 Andrew F. Glass, MD, FACEP
 Christopher S. Goode, MD, FACEP
 Kathryn Groner, MD, FACEP
 Puneet Gupta, MD, FACEP
 Steven D. Guyton, MD, FACEP
 Timothy J. Hall, MD, FACEP
 James Hancock, MD, FACEP
 Allison L. Harvey, MD, FACEP
 Jonathan Heidt, MD, FACEP
 Justin P. Hensley, MD, FACEP
 Dominique A. Hill, MD, FACEP
 William P. Jaquis, MD, MSHQS, FACEP
 Zachary J. Jarou, MD
 Doug Jeffrey, MD, FACEP
 Andrew D. Jenis, MD, FACEP
 Bruce G. Jones, DO, FACEP
 Gary R. Katz, MD, MBA, FACEP
 Eric M. Ketcham, MD, MBA, FASAM,
 FACHE, FAAEM, FACEP
 Julio R. Lairret, DO, FACEP
 Philip L. LeBas, MD, FACEP
 Christopher M. Lloyd, DO, FACEP
 Seth A. Lotterman, MD, FACEP
 Kevin D. Markowski, MD
 Stacey M. Marlow, MD, JD, FACEP
 Angela F. Mattke, MD, FACEP
 Torree M. McGowan, MD, FACEP
 Laura N. Medford-Davis, MD, FACEP
 Howard K. Mell, MD, MPH, CPE, FACEP
 Christina Millhouse, MD, FACEP
 Craig B. Mittleman, MD, FACEP
 James B. Mullen, III, MD, FACEP
 Carla E. Murphy, DO, FACEP
 Jason T. Nomura, MD, FACEP
 Donald Norris, MD
 Jeffrey G. Norvell, MD, MBA, RDMS, FACEP
 Andrew S. Nugent, MD, FACEP
 Hunter M. Pattison, MD
 Shawn C. Radford, MD, FACEP
 R. Lynn Rea, MD, FACEP
 Alexander M. Rosenau, DO, FACEP
 Mark S. Rosenberg, DO, MBA, FACEP
 Matthew Rudy, MD, FACEP

Tony B. Salazar, MD, FACEP
 Gillian Schmitz, MD, FACEP
 Evan Schwarz, MD, FACEP
 David L. Scott, MD, FACEP
 Rachel K. Smittek, MD, FACEP
 Rachael Sokol, DO, FACEP
 Susanne J. Spano, MD, FACEP
 Jennifer B. Stevenson, DO, FACEP
 Bradley J. Uren, MD, FACEP
 Nicole A. Veitinger, DO, FACEP
 Arvind Venkat, MD, FACEP
 James M. Williams, DO, FACEP
 Mark E. Winther, MD, FACEP
 David Wirtz, DO, FACEP
 Thomas E. Wyatt, MD, FACEP
 Andrew R. Zinkel, MD, MBA, FACEP
 Michael D. Zwank, MD, FACEP

Give-a-Shift Donors

*(\$1,200 annually, \$365 for Retired
 and Transitioning Members, \$120
 for Residents)*

Jacob Altholz, MD
 Trisha D. Anest, MD, MPH, FACEP
 Brent W. Arnold, DO
 Andrew Aten, MD, FACEP
 Nancy Auer, MD, FACEP
 Samuel Austin, DO
 Rauvan M. Averick, MD, FACEP
 Jenice Baker, MD, FACEP
 Marc Berenson, MD
 Raymond J. Biersbach, MD, FACEP
 Kirby Black, MD, FACEP
 Erik Blutinger, MD, FACEP
 Keith T. Borg, MD, PhD, FACEP
 Rodney W. Borger, MD, FACEP
 Douglas P. Brosnan, MD, JD, FACEP
 Kimberly M. Brown, MD, MPH, FACEP
 W. Richard Bukata, MD, FACEP
 Lisa M. Bundy, MD, FACEP
 Sean Caffyn, DO
 Jennifer Casaletto, MD, FACEP
 Sara S. Chakel, MD, FACEP

Douglas M. Char, MD, FACEP
 Neil L. Christen, MD, FACEP
 Christopher Clifford, MD
 Robert R. Cooney, MD, FACEP
 John R. Corker, MD, FACEP
 Angela P. Cornelius, MD, FACEP
 Christopher Counts, MD
 Adam T. Crawford, DO, FACEP
 Thomas C. Dancoes, DO, FACEP
 Mark T. Darnell, MD, FACEP
 Shamie Das, MD, FACEP
 John G. DeAngelis, MD, FACEP
 Dave Delnegro, MD
 Blake Denley, MD
 Fred Dennis, MD, MBA, FACEP
 David B. Deuell, DO, FACEP
 Leisa Rossello Deutsch, MD, MPH, FACEP
 William R. Dodge, MD, FACEP
 Olly Duckett, MD, FACEP
 Eleanor Dunham, MD, FACEP
 Bryan M. Dunn, MD, FACEP

Elizabeth England, MD, FACEP
 Marcus Eubanks, MD, FACEP
 Jay L. Falk, MD, FACEP
 Nancy J. Ferguson, MD
 Alan T. Flanigan, MD, FACEP
 Edward R. Gaines, III, JD, CCP
 Suzanne Garber, MD
 Elisabeth Giblin, MD, FACEP
 B. Bryan Graham, DO, FACEP
 Emily M. Granitto, MD, FACEP
 Michael Gratson, MD, FACEP
 Vincent Grekoski, DO
 Shayne M Gue, MD, FACEP
 David Hall, MD, FACEP
 Russell H. Harris, MD, FACEP
 Heather A. Heaton, MD, FACEP
 Antonia R. Helbling, MD, FACEP
 Jacob R. Hennings, MD, FACEP
 Matthew R. Henschel, DO, FACEP
 Bridget Highet, MD, FACEP
 Steven M. Hochman, MD, FACEP



Hannah R. Hughes, MD
Stephanie Hughes, DO, FACEP
James R. Humble, MD
Adnan Hussain, MD, FACEP
Amanda K. Irish, MD, MPH
Julian A.J. Jakubowski, DO, FACEP
Jeffrey Johnson, MD, FACEP
B. Bryan Jordan, DO, FACEP
David Kammer, MD, FACEP
Erin Karl, MD
Matthew T. Keadey, MD, FACEP
C. Ryan Keay, MD, FACEP
Gabor D. Kelen, MD, FACEP
James F. Kenny, MD, FACEP
Kathleen Kerrigan, MD, FACEP
Timothy J. Koboldt, MD, FACEP
Rebecca L. Kornas, MD, FACEP
Edward Kuo, MD, FACEP
Alexis M. LaPietra, DO, FACEP
Jason A. Lesnick, MD
Christopher Libby, MD, MPH
Stefani Vande Lune, MD
Hannah Luu, MBBS
David B. Mabey, MD, FACEP
Steven Maher, MD, FACEP
Anisha Malhotra, MD
Tracy Marko, MD, PhD
Bonnie B. Matthaeus, MD, FACEP
Lisa J. Maurer, MD, FACEP
Ian J. McGillivray, MD
Ryan T. McKenna, DO, FACEP
Dhaval Mehta, MD
Marc Mendelsohn, MD, MPH, FACEP
Sudave D. Mendiratta, MD, FACEP
Jack H. Mitstifer, MD, FACEP
Jeffrey Moore, MD, FACEP
Maggie Moran, MD
Jessica Adkins Murphy, MD
Susan M. Nedza, MD, MBA, FACEP
Dhimitri Nikolla, DO
Margaret Noonan, MD, FACEP
Mark Notash, MD, FACEP
Adetolu (Tolu) Odufuye, MD, FACEP
David T. Overton, MD, FACEP

Todd Parker, MD, FACEP
Laura C. Parnell, MD, FACEP
Scott H. Pasichow, MD, MPH
Benjamin K. Peek, DO, FACEP
Christopher W. Pergrem, MD, FACEP
DW 'Chip' Pettigrew, III, MD, FACEP
Randy L. Pilgrim, MD, FACEP
Jeffery M. Pinnow, MD, FACEP
Paul R. Pomeroy, Jr, MD, FACEP
Jeffrey J. Pothof, MD, FACEP
John T. Powell, MD, MHCDS, FACEP
Dale Quirke, MD, FACEP
Jeffrey S. Rabrich, DO, FACEP
Russell D. Radtke, MD, FACEP
Vikram Raj, DO
Jennifer Raley, MD, FACEP
Amy B. Raubenolt, MD, FACEP
Hope A. Ring, MD, FACEP
Michael S. Ritter, MD, FACEP
Angel L. Rochester, MD, FACEP
William Roper, MD, FACEP
Nicholas R. Salerno, MD
Thomas D. Sallade, DO
Robert W. Schafermeyer, MD, FACEP
Elizabeth Schiller, MD, FACEP
Jamie Schneider, MD
Michele Schroeder, MD, FACEP
Susan E. Sedory, MA, CAE
Michael E. Sheehy, DO, FACEP
Gregory M. Shipkey, MD, FACEP
James L. Shoemaker, Jr, MD, FACEP
Jacob Sinkoff, DO, FACEP
John Skienziewski, MD, FACEP
Miya A. Smith, MD
George R.J. Sontag, MD
Scott Sparks, MD, FACEP
Angela L. Straface, MD, FACEP
Michael W. Stratemeier, MD, FACEP
Camilla Sulak, MD
Thomas A. Sweeney, MD, FACEP
Gary W. Tamkin, MD, FACEP
Ashley Tarchione, MD
Vivek Tayal, MD, FACEP
Joseph C. Tennyson, MD, FACEP

Aisha T. Terry, MD, MPH, FACEP
Jeffrey Thompson, MD, FACEP
Jared M. Toupin, MD
Larisa M. Traill, MD, FACEP
Stephen C. Viel, MD, FACEP
Christopher J. Ward, MD
L. Kendall Webb, MD, FACEP
David A. Wein, MD, FACEP
Ian R. Welsh, DO, FACEP
Joseph Wiater, MD, FACEP
Jefferson Williams, MD, FACEP
Lori D. Winston, MD, FACEP
Michael S. Wisniewski, MD, FACEP
Carl Zayac, DO

EM VIP Groups

Thank you for encouraging your physicians to support NEMPAC.
Mid-Atlantic Emergency Medicine Associates (MEMA)
Northeast Emergency Medicine Specialists (NEMS)
Northside Emergency Associates (NEA)
US Acute Care Solutions (USACS)
Vituity
Wake Emergency Physicians PA (WEPPA)



Also New for ACEP 2022: Meditate ... With Chocolate!!

Learn about mindful eating while previewing an upcoming wellness event.

Licensed dietician and chef Sam Blumenthal is teaching a 3-2-1 approach to eating and finding satisfaction at the Miraval booth in the Exhibit Hall. She'll discuss how to build a balanced plate to stabilize blood sugar without focusing on cutting calories and carbs.

After the guided chocolate meditation, stick around to learn more about ACEP's upcoming physician wellness retreat in partnership with Miraval Resorts and Spas in Arizona.

Faculty

Abdulkareem Agunbiade, MD
Leen Alblaihed, MD, MBBS, MHA, FACEP
Al'ai Alvarez, MD, FACEP
Jacob Avila, MD
Amado A. Baez, MD, MSc, MPH, PhD, FACEP
John M. Baillitz, MD, FACEP
Jenice Baker, MD, FACEP
Gillian A. Beauchamp, MD
Cameron K. Berg, MD, FACEP
Salil K. Bhandari, MD
Diane M. Birnbaumer, MD, FACEP
Joelle Borhart, MD, FACEP
William J. Brady, MD, FACEP
Darren Braude, MD, MPH, Paramedic
Joshua S. Broder, MD, FACEP
Vonzella A. Bryant, MD, FACEP
W. Richard Bukata, MD
Danielle D. Campagne, MD, FACEP
Richard M. Cantor, MD, FACEP, FAAP
Guy Carmelli, MD
Jennifer Carnell, MD, FACEP
Wan-Tsu W. Chang, MD
Navneet Cheema, MD
Tina Choudhri, MD, FACEP
Arlene Chung, MD, FACEP
Ilene A. Claudius, MD, FACEP
Christopher Colbert, DO, FACEP
Christopher B. Colwell, MD, FACEP
Sara E. Crager, MD
Peter DeBlieux, MD, FACEP
Nida F. Degesys, MD, FACEP
Susanne DeMeester, MD, FACEP
Tomas R. Diaz, MD
Deborah B. Diercks, MD, MSc, FACEP
Marie-Carmelle Elie, MD, FACEP, FCCM
Stephen K. Epstein, MD, MPP, FACEP
Andrea Fang, MD
Jason Fields, MD, FACEP
Megan Fix, MD, FACEP

Roderick Fontenette, MD, FACEP
Sean M. Fox, MD, FACEP
Rachel E. Garvin, MD
Marianne Gausche-Hill, MD, FACEP, FAAP, FAEMS
Christopher J. Gelabert, MD, FACEP
Michael Gibbs, MD
Michael A. Gisondi, MD, FACEP
Indira Gowda, MD
Michael A. Granovsky, MD, FACEP
Shayne Gue, MD, FACEP, FAAEM
Camilo Gutierrez, MD, FACEP
Alison J. Haddock, MD, FACEP
Christopher Hahn, MD
Azita Hamedani, MD, MBA, MPH, FACEP
Carrie E. Harvey, MD
Tara Haston, DO, FACEP
Bryan D. Hayes, PharmD, FAACP, FASHP
Steven T. Haywood, MD, FACEP
Jacob R. Hennings, MD, FACEP
Amy Ho, MD

Jessica E. Hobbs, DO, FACEP
Maxwell A. Hockstein, MD, FACEP
Christopher Hogrefe, MD, FACEP
Timothy Horeczko, MD, MSCR, FACEP
Russ Horowitz, MD
Robert M. Hughes, DO
Calvin E. Hwang, MD, FACEP
Nikita Joshi, MD
Jay A. Kaplan, MD, FACEP
Clayton Kazan, MD, FACEP
Danya Khoujah, MBBS, MEHP
John Kiel, DO
Kevin M. King, MD, FACEP
Sean Kivlehan, MD, MPH, FACEP
Starr Knight, MD
Adeola A. Kososko, MD, FACEP
Adam Krushinskie, MPA
Jeremy Lacocque, DO
Anthony Lagina, MD, FACEP
Alexis M. LaPietra, DO, FACEP
Matthew R. Levine, MD, FACEP

Joyce Li, MD
Rachel A. Lindor, MD, JD
Bernard Luis Lopez, MD, FACEP
Lucienne Lutfy-Clayton, MD, FACEP
Regan F. Lyon, MD, FACEP
Darryl J. Macias MD, FACEP, FAWM, DiMM
Emily C. MacNeill, MD
Debbie Madhok, MD
Rita A. Manfredi-Shutler, MD, FACEP
Sara Lynn Manning, MD, FACEP
Catherine A. Marco, MD, FACEP
Amal Mattu, MD, FACEP
Andrew Matuskowitz, MD
Thom A. Mayer, MD, FACEP
Kurtis A. Mayz, MD, MBA, FACEP
Colin G. McCloskey, MD
Torree M. McGowan, MD, FACEP
Mary E. McLean, MD
Alisa A. McQueen, MD, FACEP
Abhishek Mehrotra, MD, MBA, FACEP
Ken Milne, MD



María E. Moreira, MD, FACEP
Aimee K. Moulin, MD, FACEP
Arian Nachat, MD
Arun Nagdev, MD
Jennifer A. Newberry, MD, JD, FACEP
Bret Nicks, MD, MHA, FACEP
Joan Noelker, MD, FACEP
Kristen Nordenholz, MD
Diana Nordlund, DO, JD, FACEP
Jared D. Novack, MD, FACEP
Megan B. Osborn, MD, FACEP
Joseph S. Palter, MD
John C. Perkins, Jr, MD, FACEP
Andrew D. Perron, MD, FACEP
Cameron L. Pfenning-Bass, MD, MPHE,
FACEP
James Phillips, MD, FACEP
David Pigott, MD, FACEP
Charles Pilcher, MD, FACEP
Elizabeth Pontius, MD, FACEP
Amanda B. Price, MD

Marco E. Propersi, DO
Mark Ramzy, DO
Zachary Repanshek, MD
Ralph J. Riviello, MD, MS, FACEP
Matthew A. Roginski, MD
Christian C. Rose, MD
Emily A. Rose, MD, FACEP, FAAP
Alfred D. Sacchetti, MD, FACEP
Carolyn J. Sachs, MD, MPH, FACEP
Renee N. Salas, MD
Tracy G. Sanson, MD, FACEP
Steven C. Scarboro, MD, FACEP
Shira A. Schlesinger, MD, MPH, FACEP
Nathaniel R. Schlicher, MD, JD, MBA, FACEP
Philip H. Shayne, MD, FACEP
Christina L. Shenvi, MD, PhD, FACEP
Gil Shlamovitz, MD, FACEP
Jan Shoenberger, MD, FACEP
Matthew S. Siket, MD, FACEP
Luz M. Silverio, MD, FACEP
Benjamin C. Smith, MD, FACEP

Craig G. Smollin, MD
Annalise Sorrentino, MD, FACEP
Rory Spiegel, MD
Leah E. Steckler, MD
Brian Stettler, MD, FACEP
Robert W. Strauss, MD, FACEP
W. Gannon Sungar, DO
Jeffrey Tabas, MD, FACEP
Gary W. Tamkin, MD, FACEP
Katie L. Tataris, MD, FACEP
Taryn Taylor, MD, FACEP
Christian A. Tomaszewski, MD, MS, MBA,
FACEP
Shannon L. Toohey, MD, FACEP
Katren R. Tyler, MD, FACEP
David Vearrier, MD
Peter Viccellio, MD, FACEP
Dina Wallin, MD, FACEP
David Wang, MD
Kyle Weant, PharmD, BCPS, BCCCP, FCCP
William Weber, MD, MPH

Lauren M. Westafer, DO, FACEP
Paula J. Whiteman, MD, FACEP
Jodi G. Wieters, MD
Marcee E. Wilder, MD
George C. Willis, MD, FACEP
Charlotte P. Wills, MD
Jennifer G. Wilson, MD, FACEP
Garen Wintemute, MD, MPH
Alisa V. Wray, MD, FACEP
Scott Zeller, MD
David Zodda, MD, FACEP
Matthew D. Zuckerman, MD, FACEP
Leslie S. Zun, MD, FACEP

Educational Event Corporate Supporters

The American College of Emergency Physicians gratefully acknowledges these commercial supporters for their support of the ACEP22 Scientific Assembly. Thanks to their contributions, the College can continue to offer the best educational programs at the most affordable cost.

Emergency Ultrasound Management Course

Butterfly Network, Inc.
Philips

Research Track

US Acute Care Solutions

ACEP's Upcoming

22-23 Educational Meetings

NOV 7-11, 2022



Phase I and III - Dallas, TX

NOV 14-17, 2022

PHYSICIAN
Wellness
RETREAT

Tucson, AZ

JANUARY 23-25



New Orleans, LA

MARCH 31 - APRIL 3



Advanced
Pediatric
Emergency
Medicine
Assembly

New York, NY

MAY 1-3



**Leadership &
Advocacy
Conference**

Washington, DC

OCTOBER 9-12



Scientific Assembly
PHILADELPHIA, PA
2023

Philadelphia, PA

Get the latest information at
acep.org/meetings

Corporate Supporters

The American College of Emergency Physicians gratefully acknowledges these commercial supporters for their support of the ACEP22 Scientific Assembly. Thanks to their contributions, the College can continue to offer the best educational programs at the most affordable cost.

DIAMOND PATRONS

TEAMHealth.



PLATINUM PATRONS



GOLD PATRON



SILVER PATRONS



Working Together to Build a Roadmap for the Future

More than 100 members contributed to the development of ACEP's new strategic plan

For more than 50 years, ACEP built the specialty of emergency medicine out of gusto and determination. Over the course of the past year, ACEP leaders, members, and staff have applied that same problem-solving mindset to the College's strategic planning process, collaborating to chart a path for the next three to five years.

Recent years have been tumultuous and challenging, but emergency physicians are more essential than ever. This plan is a demonstration of our **unwavering support of emergency physicians first** so that you can recommit yourselves to your patients and this specialty.

Our mission remains resolute. We pledge to promote the highest quality of emergency care and serve as the leading advocate for emergency physicians, their patients, and the public.

ACEP is your community for career fulfillment and professional identity, and we are thrilled to welcome you to our home away from home in San Francisco this week. As we gather in this beautiful city with its iconic bridge, we think about the power of connections. It took four years to build that connection between San Francisco and Marin County. What connections will you build over the next four days?

“ This wasn't a lip service kind of project. We really went pretty deep and had some very honest and open conversations.”

—Jordan G.R. Celeste, MD, FACEP
Building Trust Planning Group

Strategic Plan Overview

See more details at acep.org/strategicplan.

Advocacy

ACEP fights for your rights across all landscapes and levels, including federal, state, local, facility, and administrative.

Career Fulfillment

ACEP supports you as you tackle career frustrations and seek greater career fulfillment, and we promise to address the tough issues head on.

Member Engagement & Trust


ACEP makes it easy for you to find and feel connected to your little corner of our big community.

Practice & Innovation

ACEP revolutionizes acute unscheduled care, develops new career opportunities, and leads in reshaping the workforce landscape.

Resources & Accountability

ACEP ensures the thoughtful acquisition and management of resources to achieve our strategic goals.



“ It’s not about just today’s planning and tomorrow’s strategy. It’s about the vision that we hold, where we see the whole system is going, and where society is going. So we can continue to be of service and provide a career that’s of satisfaction to our members and of value to our patients.”

–Alexander M. Rosenau, DO, FACEP
Resources Planning Group

“ To be a caring health professional or caring emergency physician, you need to be cared for. That’s really what career fulfillment is all about.”

–Susan Nedza, MD, MBA, FACEP
Career Fulfillment Planning Group

“ Yes, we need to deal with the issues we’re dealing with right now that are impacting our specialty, but we also need to look forward and think proactively. The strategic plan was that opportunity to keep this momentum forward-thinking.”

–Emily M. Hayden, MD, MHPE
Practice Models Planning Group

“ If we, as an organization, can work to make sure our physicians are fulfilled in what they’re doing, that emergency medicine continues to be a really rewarding specialty, and that we’re getting the best doctors to go into it, then I think that we’re going to be able to really move the needle and continue to push the specialty in the direction it needs to go.”

–B. Bryan Graham, DO, FACEP
Career Fulfillment Planning Group

“ These strategic planning meetings were raw. We broke it down into the most important things for ACEP members and for the entire specialty. We didn’t mince words when it came to things like private equity and corporate medical groups. We were very strong in making sure that the vision that we have for change is what is important for our specialty and for our members.”

–RJ Sontag, MD
Advocacy Planning Group



SCHEDULE OF EVENTS

While every effort is made to ensure the accuracy of data within this publication, the publisher cannot be held responsible for errors or omissions. Data current as 8/22/2022.

Times and locations are subject to change. Please confirm with the mobile app for the most current information.

For details about education sessions, see pages 49-62.

EVENT LEGEND

- ACEP Board Meetings
- ACEP Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA Events
- NEMPAC Events
- Research Forum
- ACEP Section Meetings

WEDNESDAY

8 a.m.-5 p.m.
■ ACEP Board of Directors Meeting
Hilton, Lobby Level, Plaza A

3-8 p.m.
■ Councillor Credentialing
Hilton, Grand Ballroom Level, Grand Ballroom A

3-8 p.m.
■ EMF Council Challenge
Hilton, Grand Ballroom Level, Grand Ballroom A

3-8 p.m.
■ NEMPAC Council Challenge
Hilton, Grand Ballroom Level, Grand Ballroom A

4:30-6 p.m.
■ Candidate Forum Subcommittee Meeting
Hilton, Ballroom Level, Franciscan A

4:30-6 p.m.
 Small Chapters and Sections Caucus
Hilton, Ballroom Level, Imperial A

6-7 p.m.
■ Council Steering Committee Meeting
Hilton, Ballroom Level, Yosemite C

7-8 p.m.
■ Reference Committee Briefing
Hilton, Ballroom Level, Yosemite C

7-8 p.m.
■ Tellers, Credentials & Elections Committee Meeting
Hilton, Ballroom Level, Franciscan C

8-9 p.m.
■ Councillor Orientation
Hilton, Ballroom Level, Yosemite C

THURSDAY

7-9 a.m.
■ Council Breakfast
Hilton, Grand Ballroom Level, Grand Ballroom A

7 a.m.-6 p.m.
■ Council Meeting
Hilton, Grand Ballroom Level, Grand Ballroom B

7 a.m.-6 p.m.
■ Councillor Credentialing
Hilton, Grand Ballroom Level, Grand Ballroom A

8 a.m.-6 p.m.
■ EMF Council Challenge
Hilton, Grand Ballroom Level, Grand Ballroom A

8 a.m.-6 p.m.
■ NEMPAC Council Challenge
Hilton, Grand Ballroom Level, Grand Ballroom A

9 a.m.-4:30 p.m.

Council Reference Committee A Meeting
Hilton, Ballroom Level, Franciscan A

9 a.m.-4:30 p.m.

Council Reference Committee B Meeting
Hilton, Ballroom Level, Franciscan C

9 a.m.-4:30 p.m.

Council Reference Committee C Meeting
Hilton, Ballroom Level, Yosemite B

11 a.m.-12:30 p.m.

Council Reference Committee Luncheon
Hilton, Ballroom Level, East Lounge

2-4:30 p.m.

Candidates Waiting Room
Hilton, Grand Ballroom Level, Green Room

6:15-7:15 p.m.

Candidate Reception
Hilton, Ballroom Level, Imperial Ballroom A

FRIDAY**6-8 a.m.**

Pennsylvania Delegation Council Breakfast
Hilton, Lobby Level, Golden Gate 5

6-8 a.m.

California ACEP Council Delegation Breakfast
Hilton, Ballroom Level, Yosemite C

6-8:30 a.m.

Michigan College of Emergency Physicians
Hilton, Lobby Level, Golden Gate 4

6:45-8 a.m.

New York Councillor Meeting
Hilton, Ballroom Level, Franciscan A

7-8 a.m.

Small Chapters and Sections Caucus
Hilton, Lobby Level, Plaza A

7-9 a.m.

Council Breakfast
Hilton, Grand Ballroom Level, Grand Ballroom A

7 a.m.-5:30 p.m.

Superhero Speaker Space Open
MCC, Lobby Level South, 105

7 a.m.-6 p.m.

Council Meeting
Hilton, Grand Ballroom Level, Grand Ballroom B

7 a.m.-6 p.m.

Councillor Credentialing
Hilton, Grand Ballroom Level, Grand Ballroom A

8 a.m.-12:30 p.m.

Procedural Cadaver-Based Skills Lab: Advanced Invasive Procedural Skills Lab (Part 1)
MCC, Upper Mezzanine, 157

8 a.m.-5 p.m.

Emergency Ultrasound Management Course – Advanced
Hilton, Lobby Level, Golden Gate 8

8 a.m.-5 p.m.

Emergency Ultrasound Management Course – Core
Hilton, Lobby Level, Golden Gate 1

8 a.m.-5:30 p.m.

Mass Casualty Medical Operations Management Course
Hilton, Ballroom Level, Yosemite A

8 a.m.-6 p.m.

EMF Council Challenge
Hilton, Grand Ballroom Level, Grand Ballroom A

8 a.m.-6 p.m.

NEMPAC Council Challenge
Hilton, Grand Ballroom Level, Grand Ballroom A

8:30 a.m.-6 p.m.

SEMPA Board of Directors Meeting
Marriott, B2, Juniper

9 a.m.-4:30 p.m.

CORD Residency Administration Fellowship (RAF)
Marriott, Pacific Suites H

10 a.m.-3 p.m.

AMIA 10x10 Informatics Education Program
Hilton, Ballroom Level, Continental Ballroom 1

10:30 a.m.-2 p.m.

Geriatric Pre-Conference: Tricky Transitions
Hilton, Lobby Level, Plaza A

12-1:30 p.m.

Council Awards Luncheon
Hilton, Ballroom Level, Continental Ballroom 4

12-1:30 p.m.

Mass Casualty Medical Operations Management Lunch
Hilton, Ballroom Level, Yosemite A

12-3 p.m.

Pain and Addiction Care in the ED
Hilton, Lobby Level, Plaza B

1:30 p.m.-5:30 p.m.

Procedural Cadaver-Based Skills Lab: Advanced Invasive Procedural Skills Lab (Part 2)
MCC, Upper Mezzanine, 157

4-6:30 p.m.

EMRA Leadership Academy
Marriott, B2, Golden Gate C2/C3

5 p.m.-7 p.m.

International Networking Reception
Hilton, Ballroom Level, Franciscan A

5-7 p.m.

North Carolina Chapter Reception
Hilton, Sixth Floor, Nob Hill 2/3

5:30-6:30 p.m.

Educational Meetings Subcommittee Pre-Event Briefing
MCC, Lobby Level South, 101

6-8 p.m.

NEMPAC VIP Reception (by invitation only)
Marriott, The View

6-8 p.m.

Washington Chapter Presidents Reception
Hilton, Lobby Level, Plaza A

7-9 p.m.

EMRA Leader Meet-Up (by invitation only)
Marriott, Second Floor, Atrium

SATURDAY

6 a.m.-6 p.m.

Yoga/Meditation Room
MCC, Lower Mezzanine, 62

6:30-7:30 a.m.

Satellite Symposium: Advanced Management of Life-Threatening Bleeding in the Anticoagulated Patient
Grantor: AstraZeneca
Marriott, Golden Gate Ballroom A

6:30 a.m.-5:30 p.m.

Superhero Speaker Space Open
MCC, Lobby Level South, 105

7 a.m.-4 p.m.

EMF Major Donor Lounge
MCC, Lobby Level South, Lobby Level South

7:30 a.m.-6 p.m.

ACEP / EMF Corporate Meetings / Focus Group 1
MCC, Lower Mezzanine, 58

For details about education sessions, see pages 49-62.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings

7:30 a.m.-6 p.m.

ACEP / EMF Corporate Meetings / Focus Group 2
MCC, Lower Mezzanine, 54

7:30 a.m.-6 p.m.

Virtual ACEP Sales Booth Open
MCC, Registration

8 a.m.-4 p.m.

Chapter Executives Forum
Hilton, Ballroom Level, Franciscan B

8 a.m.-4 p.m.

NEMPAC VIP Donor Lounge Open
MCC, Lobby Level South, 104

8 a.m.-4:30 p.m.

EMRA Committee Meetings
Marriott, Fifth Floor, Sierra Suites A

8 a.m.-4:30 p.m.

EMRA Committee Meetings
Marriott, Fifth Floor, Sierra Suites C

8 a.m.-4:30 p.m.

EMRA Committee Workshop: Pediatric EM Committee (Ultrasound, SIM, Tox, Sports Med)
Marriott, B2, Golden Gate C2

8 a.m. -5 p.m.

Education Program
MCC

8 a.m.-5 p.m.

EMRA Casecon - Resident / Medical Students
Marriott, B2, Golden Gate C3

8 a.m.-6 p.m.

CORD Board Leadership Meeting
Marriott, Pacific Suites J

8 a.m.-6 p.m.

CORD Committee Meetings 1
Marriott, Fourth Floor, Pacific Suites I

8 a.m.-6 p.m.

CORD Committee Meetings
Marriott, Fourth Floor, Pacific Suites H

8 a.m.-6 p.m.

EMRA * Cast 1
Marriott, B2, Walnut

8 a.m.-6 p.m.

EMRA * Cast 2
Marriott, B2, Willow

8 a.m.-6 p.m.

EMRA Live Hangout
Marriott, B2, Laurel

9 a.m.-10:30 a.m.

Opening General Session
MCC, Exhibition Level, Hall E

9 a.m.-11 a.m.

Annals Editorial Board Meeting
Hilton, Lobby Level, Golden Gate 1

9 a.m.-4 p.m.

EMF Silent Auction
MCC, Lobby Level South, Lobby Level South

9:30 a.m.-3:30 p.m.

Exhibit Hall Open
MCC, Exhibition Level

9:30 a.m.-3:30 p.m.

Hacked!
MCC, Exhibition Level

9:30 a.m.-3:30 p.m.

Miraval Specialist Sessions
MCC, Exhibition Level

9:30 a.m.-3:30 p.m.

Virtual ACEP Sales Booth Open
MCC, Exhibition Level

10 a.m.-1 p.m.

EMRA Medical Student Council Executive Session
Marriott, Fourth Floor, Pacific Suites B

10:30 a.m.-12:30 p.m.

ACEP Spokesperson Media Training
MCC, Upper Mezzanine, Room 151

10:30 a.m.-12:30 p.m.

Attendee Break – Visit the Exhibits, Grab a Refreshment
MCC, Exhibition Level

10:30 a.m.-12:30 p.m.

Quality & Patient Safety Committee Meeting
Hilton, Ballroom Level, Ballroom Level 4

11 a.m.-12 p.m.

Audit Committee Meeting
Hilton, Ballroom Level, Executive Boardroom

11 a.m.-12:30 p.m.

AMA Section Council Meeting
MCC, Upper Mezzanine, 156

11 a.m.-1 p.m.

Emergency Medicine Practice Management & Health Policy Section Meeting
Hilton, Ballroom Level, Continental Ballroom 2

11 a.m.-1 p.m.

EMS-Prehospital Care Section Meeting
Hilton, Ballroom Level, Imperial Ballroom A

11 a.m.-1 p.m.

Palliative Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 8

WHY WE'RE **DIFFERENT**



THESE THINGS ARE NOT THE SAME

We at US Acute Care Solutions are different, and likely in more ways than you'd expect. Our physicians all become owners, our clinical hours and workload are manageable, and our culture and camaraderie make both your work life and your home life better. We work in excellent hospital systems located in attractive cities nationwide. Our benefits, especially our retirement, are second to none.

Together, we can improve healthcare for our patients and ourselves.



Tina Latimer, MD, MBA, MPH
Richmond, VA
Johns Hopkins University Residency (2009)
President— North Division

“When my former group joined USACS in 2022 I didn't know what to expect. But I have been truly impressed by the commitment to always do right by our patients and our people. Decisions are always evaluated based on whether patients will benefit or whether our people will benefit. Profit and growth are never part of the equation. Those two things are the byproduct of consistently doing the right thing. Joining USACS was right for my group for that reason.”



**US Acute Care
Solutions**

Learn more at: usacs.com



11 a.m.-1 p.m.

Social Emergency Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 4

11 a.m.-1:30 p.m.

Cruise Ship Medicine Section Meeting
MCC, Lower Mezzanine, 74

11 a.m.-3:30 p.m.

10th Annual International Ambassador Conference
Hilton, Ballroom Level, Imperial Ballroom B

11:30 a.m.-12:15 p.m.

Expert Theater: Beckman Coulter: The Better CBC for You and Med: Role for MDW Parameter in ED-based Sepsis Diagnosis
MCC, Exhibition Level, Expert Theater 1

11:30-12:15 p.m.

Expert Theater: Bristol Myers Squibb: Immune-Related Adverse Events Caused by Immune Checkpoint Inhibition
MCC, Exhibition Level, Expert Theater 2

For details about education sessions, see pages 49-62.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings

11:30 a.m.-1 p.m.

Past Presidents and Past Speakers Luncheon
Hilton, Ballroom Level, Continental Ballroom 1

12-12:45 p.m.

CPC Judges Lunch Meeting
Marriott, Fifth Floor, Sierra Suites G

12-2 p.m.

Geriatric ED Accreditation Program Board Meeting
Hilton Sixth Floor, Nob Hill 6

12-3 p.m.

EMF Board of Trustees Meeting
MCC, Exhibition Level, Hall E 21

12:30-2:30 p.m.

Health Innovation & Technology Committee Meeting
Hilton, Ballroom Level, Continental Ballroom 4

12:30-3:30 p.m.

Ethics Committee Meeting
Hilton, Ballroom Level, Franciscan D

1-2 p.m.

Young Physicians Section Meeting
MCC, Exhibition Level, Hall E 20

1-2 p.m.

NEMPAC Board of Trustees Meeting
MCC, Exhibition Level, Hall E 22

1-2:30 p.m.

Wellness Section Meeting
MCC, Exhibition Level, Hall E 23

1-3 p.m.

American Association for Women Emergency Physicians Section Meeting
Hilton, Ballroom Level, Yosemite C

1-3 p.m.

Forensic Medicine Section Meeting
Hilton, Ballroom Level, Yosemite A

1-3 p.m.

Emergency Ultrasound Section Meeting
Hilton, Ballroom Level, Continental Ballroom 5

1-3:30 p.m.

Multi-EM Organization Meeting
Hilton, Ballroom Level, Franciscan A

1-3:30 p.m.

National Emergency Medicine Clinical Pathological Case (CPC) Competition Finals
Marriott, B2, Golden Gate C2

1-5 p.m.

EMRA Medical Student Council
Marriott, Fourth Floor, Pacific Suites B

1:30-3:30 p.m.

Research Committee & Scientific Review Subcommittee Meeting
Hilton, Sixth Floor, Nob Hill 4

1:30-4 p.m.

Emergency Medical Services (EMS) Committee Meeting
Hilton, Lobby Level, Plaza A

2-4 p.m.

State Legislative / Regulatory Committee Meeting
Hilton, Ballroom Level, Continental Ballroom 6

2-5 p.m.

Medical Directors Section Meeting
Hilton, Lobby Level, Golden Gate 1

2:30-3:15 p.m.

Expert Theater: AstraZeneca: The First and Only FDA-approved Agent for Reversal of FXa Inhibitor Activity in Patients with Life-threatening or Uncontrolled Bleeding
MCC, Exhibition Level, Expert Theater 1

2:30-3:15 p.m.

Expert Theater: bioMerieux: Management Strategies in Sepsis and Respiratory Infections in the Age of Bio-markers and Rapid Organism Identification
MCC, Exhibition Level, Expert Theater 2

2:30-3:30 p.m.

Attendee Break – Visit the Exhibits, Grab a Refreshment
MCC, Exhibition Level

2:30-3:30 p.m.

Simulation Subcommittee Meeting
MCC, Lobby Level South, Room 101

2:30-4:30 p.m.

Critical Decisions in Emergency Medicine Board of Editors Annual Meeting
MCC, North Lobby, 115

3-4:30 p.m.

Communications Committee Meeting
MCC, Exhibition Level, Hall E 23

3-4:30 p.m.

Federal Government Affairs (FGA) Committee Meeting
MCC, Exhibition Level, Hall E 22

3-5 p.m.

Pain Management and Addiction Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 7

**7 a.m.-6 p.m.**

IFEM Meetings
Hilton, Ballroom Level, Yosemite A

7:30-9:30 a.m.

Membership Committee Meeting
MCC, Exhibition Level, Hall D 8

7:30 a.m.-6 p.m.

ACEP / EMF Corporate Meetings /
Focus Group 1
MCC, Lower Mezzanine, 58

7:30 a.m.-6 p.m.

ACEP / EMF Corporate Meetings /
Focus Group 2
MCC, Lower Mezzanine, 54

3:30-5:30 p.m.

Emergency Medicine Data Institute
Meeting
Hilton, Ballroom Level, Continental
Ballroom 4

3:30-5:30 p.m.

International Section Education
Meeting
Hilton, Ballroom Level, Imperial Ballroom B

4-5 p.m.

EMRA Job and Fellowship Fair
Exhibitor Check In
MCC, Exhibition Level, Hall D

4-6 p.m.

Air Medical Transport
Section Meeting
Hilton, Lobby Level, Plaza B

4:30-5:30 p.m.

EMBRS Alumni Event
Hilton, Sixth Floor, Nob Hill

4:30-6 p.m.

Government Services ACEP Chapter
Reception
Hilton, Ballroom Level, Continental
Ballroom 2

5-6 p.m.

Pain Management and
Addiction Medicine Section
Networking Reception
Hilton, Lobby Level, Golden Gate 8

5-6:30 p.m.

Medical Directors Section
Social Hour
Hilton, Ballroom Level, Golden Gate 4

5-7 p.m.

EMRA Job & Fellowship Fair
MCC, Exhibition Level, Hall D

5:30-7 p.m.

Annals 50th Anniversary Reception
Hilton, Ballroom Level, Yosemite C

5:30-7 p.m.

Chapter Leaders Reception
(by invitation only)
Hilton, Lobby Level, Plaza A

5:30-7 p.m.

Geriatric Colleague Party
Hilton, Ballroom Level, Franciscan A

6-7 p.m.

New York ACEP Reception
Hilton, Ballroom Level, Imperial A

SUNDAY**6 a.m. - 6 p.m.**

Yoga/Meditation Room
MCC, Lower Mezzanine, 62

6:30 a.m.-5:30 p.m.

Superhero Speaker Space Open
MCC, Lobby Level South, 105

7-8 a.m.

EMRA Representative
Council Welcome Breakfast
and Candidate's Forum
Marriott, B2, Golden Gate C1

7-8 a.m.

AA Meeting
MCC, Lower Mezzanine, 74

7 a.m.-1 p.m.

EMRA Representative Council
Registration
Marriott, B2, Golden Gate Prefunction

7 a.m.-4 p.m.

EMF Major Donor Lounge
MMCC, Lobby Level South, Alcove

7:30 a.m.-6 p.m.

Virtual ACEP Sales Booth Open
MCC, Registration

8-9:30 a.m.

Ultrasound Industry Roundtable
Meeting
MCC, Exhibition Level, Hall D 10

8-9:30 a.m.

International Section Business
Session
Hilton, Ballroom Level, Imperial Ballroom B

8-10 a.m.

Clinical Emergency Data
Registry Committee Meeting
MCC, Exhibition Level, Hall E 21

8-10 a.m.

Emergency Telehealth
Section Meeting
MCC, Upper Mezzanine, 156

8-10 a.m.

Disaster Preparedness &
Response Committee Meeting
MCC, Exhibition Level, Hall E 23



8 a.m.-1 p.m.

EMRA Representative Council Meeting and Town Hall
Marriott, B2, Golden Gate A

8 a.m.-4 p.m.

NEMPAC VIP Donor Lounge Open
MCC, Lobby Level South, 104

8 a.m.-5:30 p.m.

Education Program
MCC

8 a.m.-6 p.m.

CORD Committee Meetings
Marriott, Fourth Floor, Pacific Suite H

8 a.m.-6 p.m.

CORD Committee Meetings
Marriott, Pacific Suites I

8 a.m.-6 p.m.

EMRA * Cast 1
Marriott, B2, Walnut

8 a.m.-6 p.m.

EMRA * Cast 2
Marriott, B2, Willow

For details about education sessions, see pages 49-62.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings

8 a.m.-6 p.m.

EMRA Live Hangout
Marriott, B2, Laurel

9-10:30 a.m.

Observation Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 1

9 a.m.-12 p.m.

Finance Committee Meeting
Hilton, Lobby Level, Golden Gate 4

9 a.m.-3 p.m.

EMRA Resident SIMWars Competition
Marriott, B2, Golden Gate C2/C3

9 a.m.-4 p.m.

EMF Silent Auction
MCC, Lobby Level South

9 a.m.-5 p.m.

Focus Groups
MCC, North Lobby 115

9:30-11 a.m.

Academic Affairs Committee Meeting
Hilton, Grand Ballroom Level, Grand Ballroom A

9:30-11 a.m.

Reimbursement Committee Meeting
MCC, Exhibition Level, Hall E 22

9:30 a.m.-3:30 p.m.

Exhibit Hall Open
MCC, Exhibition Level

9:30 a.m.-3:30 p.m.

Miraval Specialist Sessions
MCC, Exhibition Level

9:30 a.m.-3:30 p.m.

Virtual ACEP Booth Open
MCC, Exhibition Level

10-11:30 a.m.

Locum Tenens Section Meeting
Exhibition Level, Hall D 9

10-11:30 a.m.

Medical-Legal Committee Meeting
MCC, Exhibition Level, Hall D 10

10 a.m.-12 p.m.

Bylaws Committee Meeting
Hilton, Ballroom Level, Continental Ballroom 1

10 a.m.-12 p.m.

Public Health & Injury Prevention Committee Meeting
Hilton, Ballroom Level, Continental Ballroom 4

10 a.m.-12 p.m.

International Emergency Medicine Committee
Hilton, Ballroom Level, Yosemite A

10:30 a.m.-12 p.m.

Dual Training Section Meeting
Hilton, Lobby Level, Golden Gate 1

11 a.m.-12 p.m.

Research, Scholarly Activity, and Innovation Section Meeting
MCC, Exhibition Level, Hall D 10

11 a.m.-12:30 p.m.

Coding & Nomenclature Advisory Committee Meeting
MCC, Exhibition Level, Hall E 22

11 a.m.-12:30 p.m.

Attendee Break – Visit the Exhibits, Grab a Beverage
MCC, Exhibition Level

11 a.m.-1 p.m.

Disaster Medicine Section Meeting
MCC, Exhibition Level, Hall D 12

11 a.m.-1 p.m.

Rural Emergency Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 8

11 a.m.-2:30 p.m.

Emergency Medicine Informatics Section Meeting
MCC, Upper Mezzanine, 156

11:15 a.m.-12:15 p.m.

Faculty Appreciation and Speaker Awards Luncheon (invitation only)
MCC, Exhibition Level, Hall E 20

11:30 a.m. - 12:15 p.m.

Expert Theater: BioXcel Therapeutics: IGALMITM Now Approved
MCC, Exhibition Level, Expert Theater 1

11:30 a.m. - 12:15 p.m.

Expert Theater: Janssen Pharmaceuticals, Inc.: Advancements in VTE: Prophylaxis of Acutely Ill Medical Patients and Treatment of DVT/PE
MCC, Exhibition Level, Expert Theater 2

12-2 p.m.

Diversity, Inclusion, and Health Equity Section Meeting
MCC, Exhibition Level, Hall E 21

12:30-2 p.m.

Geriatric Emergency Medicine Section Meeting
MCC, Exhibition Level, Hall D 11

12:30-3:30 p.m.

Tactical Emergency Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 5

1-1:30 p.m.

Clinical Ultrasound Accreditation Session
MCC, Lower Mezzanine, 74

1-2:30 p.m.

EMRA New Board of Directors Orientation and Lunch
Marriott, Fourth Floor, Pacific Suites A

1 p.m.-3 p.m.

Pediatric Emergency Medicine Committee Meeting
MCC, Exhibition Level, Hall D 9

1-5 p.m.

Critical Care Medicine Section Meeting
Hilton, Lobby Level, Plaza A

2-3 p.m.

Compensation Committee Meeting
Hilton, Ballroom Level, Executive Boardroom

2-3:30 p.m.

Clinical Ultrasound Accreditation Program Board
MCC, Lower Mezzanine, 74

2-3:30 p.m.

Wilderness Medicine Section – Fellowship Directors Meeting
Hilton, Ballroom Level, Continental Ballroom 4

2-4 p.m.

ED Accreditation Task Force Meeting
MCC, Exhibition Level, Hall D 10

2-4 p.m.

Freestanding Emergency Centers Section Meeting
MCC, Exhibition Level, Hall E 20

2:15-5:15 p.m.

EMRA Committee Meetings 1
Marriott, Fifth Floor, Sierra Suites H

2:15-5:15 p.m.

EMRA Committee Meetings 2
Marriott, Fifth Floor, Pacific Suites B

2:15-5:15 p.m.

EMRA Committee Meetings 1
Marriott, Fifth Floor, Pacific Suites D

2:15-5:15

EMRA Committee Critical Care (Airway)
Marriott, B2, Golden Gate 1

2:30-3:15 p.m.

Expert Theater: AstraZeneca Pharmaceuticals: Management of Factor Xa Inhibitor-Related Life-Threatening or Uncontrolled Bleeding
MCC, Exhibition Level, Expert Theater 1

2:30-3:30 p.m.

Attendee Break – Visit the Exhibits, Grab a Refreshment
MCC, Exhibition Level

2:30-3:30 p.m.

Trauma & Injury Prevention Section Meeting
MCC, Exhibition Level, Hall D 12

3-5 p.m.

Operational Medicine Symposium
Hilton, Lobby Level, Golden Gate 4

3-5 p.m.

Well-Being Committee Meeting
MCC, Exhibition Level, Hall E 22

3-5:30 p.m.

All EM Resident Organizations and Students (AEROS)
Marriott, B2, Golden Gate Ballroom B

3:30-5 p.m.

At or Approaching Clinical Retirement Member Interest Group Reception
Hilton, Sixth Floor, Nob Hill 2

3:30-5:30 p.m.

Quality Improvement & Patient Safety (QIPS) Section Meeting
MCC, Exhibition Level, Hall D 11

4-5:30 p.m.

EDPMA Board of Directors Meeting
Marriott, Fourth Floor, Pacific C

4:30-5:30 p.m.

Wilderness Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 1

5-6:30 p.m.

EMRA Awards Reception
Marriott, B2, Golden Gate A

5-7 p.m.

Pediatric Emergency Medicine Section Meeting
Hilton, Lobby Level, Golden Gate 7

5-7 p.m.

Section Leaders Reception (by invitation only)
Hilton, Ballroom Level, Yosemite B

5:30-7 p.m.

Iowa ACEP Chapter Reception
Hilton, Ballroom Level, Continental Ballroom

5:30-7 p.m.

Nebraska Chapter Reception
Hilton, Sixth Floor, Nob Hill 2/3

5:30-7:30 p.m.

Missouri CEP Reception
Hilton, Lobby Level, Golden Gate 6

6-7 p.m.

New Jersey Chapter ACEP Reception
Hilton, Ballroom Level, Continental Ballroom 2

6-7:30 p.m.

ACEP Communications Happy Hour
Hilton

6-8 p.m.

UPMC/Pitt Emergency Reception
Marriott, Second Floor, Atrium

6-8 p.m.

EMF VIP Reception
B Restaurant & Bar

7-9 p.m.

ACEP Dine Around
Offsite - Fang's

7-9 p.m.

ACEP Dine Around
Offsite - Izzy's Steaks

10 p.m.-2 a.m.

EMRA Party
Temple Night Club

MONDAY

6 a.m.-6 p.m.

Yoga/Meditation Room
MCC, Lower Mezzanine, 62

6:30 a.m.-5:30 p.m.

Superhero Speaker Space Open
MCC, Lobby Level South, 105

7-8 a.m.

NA Meeting
MCC, Lower Mezzanine, 74

7 a.m.-4 p.m.

EMF Major Donor Lounge
MCC, Lobby Level South



7:30-9 a.m.

Exhibit Advisory Committee Meeting
MCC, Lobby Level South 101

7:30 a.m.-1 p.m.

CORD Board of Directors Meeting
Marriott, Fourth Floor, Pacific Suites J

7:30 a.m.-6 p.m.

ACEP / EMF Corporate Meetings / Focus Group 1
MCC, Lower Mezzanine, 58

7:30 a.m.-6 p.m.

ACEP/EMF Corporate Meetings/ Focus Group 2
MCC, Lower Mezzanine, 54

7:30 a.m.-6 p.m.

Virtual ACEP Sales Booth Open
MCC, Registration

8-9:30 a.m.

Disaster Fellowship Directors Meeting
Exhibition Level, Hall D 12

8-10 a.m.

Quality Measures Consortium Meeting
MCC, Exhibition Level, Hall E 22

8 a.m.-12 p.m.

ACEP Board of Directors Meeting
Hilton, Lobby Level, Plaza A

8 a.m.-1 p.m.

EMRA Committee Meetings
Marriott, Fourth Floor, Pacific Suites B

8 a.m.-1 p.m.

EMRA Committee Meetings
Marriott, Fourth Floor, Pacific Suites C

8 a.m.-1 p.m.

EMRA Committee Meetings
Marriott, Fourth Floor, Pacific Suites D

8 a.m.-1:30 p.m.

Emergency Ultrasound Subcommittees Meeting
MCC, Exhibition Level, Hall D 9

8 a.m.-4 p.m.

NEMPAC VIP Donor Lounge Open
MCC

8 a.m.-5:30 p.m.

Education Program
MCC

8 a.m.-6 p.m.

CORD Committee Meetings
Marriott, Fifth Floor, Sierra Suites H

8 a.m.-6 p.m.

CORD Committee Meetings
Marriott, Fifth Floor, Sierra Suites I

8 a.m.-6 p.m.

EMRA * Cast 1
Marriott, B2, Sierra Suites C

8 a.m.-6 p.m.

EMRA * Cast 2
Marriott, B2, Willow

8 a.m.-6 p.m.

EMRA Live Hangout
Marriott, B2, Laurel

9-10 a.m.

PEER Editorial Board Meeting
MCC, Lower Mezzanine, 74

9-10 a.m.

ED Pain and Addiction Management Accreditation Program Board of Governors Meeting
MCC, Exhibition Level, Hall E 23

9 a.m.-12 p.m.

Undersea & Hyperbaric Medicine Section Meeting
MCC, Exhibition Level, Hall E20

9 a.m.-12 p.m.

Emergency Medicine Policy Institute (EMPI) Board of Governors Meeting
MCC, Exhibition Level, Hall E 21

9 a.m.-11:30 p.m.

Careers in Emergency Medicine Section Meeting
MCC, Exhibition Level, Hall D 10

9 a.m.-4 p.m.

EMF Silent Auction
MCC, Lobby Level South, Alcove

For details about education sessions, see pages 49-62.

EVENT LEGEND

- Board Meetings
- Committee Meetings
- CORD Events
- ACEP Council
- EMF Events
- EMRA
- NEMPAC Events
- Research Forum
- Section Meetings



9 a.m.-5 p.m.

Focus Groups
MCC, North Lobby, 115

9:30 a.m.-3 p.m.

Virtual ACEP Sales Booth Open
MCC, Exhibition Level

9:30 a.m. - 3:30 p.m.

Exhibit Hall Open
MCC, Exhibition Level

9:30 a.m.-3:30 p.m.

Miraval Specialist Sessions
MCC, Exhibition Level

10 a.m.-12 p.m.

Emergency Medicine Workforce
Section Meeting
MCC, Exhibition Level, Hall D 11

10 a.m.-12 p.m.

EMRA Board Wrap-Up Brunch
Marriott, Fourth Floor, Pacific Suites A

10 a.m.-12 p.m.

Event Medicine Section Meeting
MCC, Lower Mezzanine, 76

10:30 a.m.-12 p.m.

Sports Medicine
Section Meeting
MCC, Upper Mezzanine, 156

11 a.m.-1 p.m.

Quality Measures Meeting
MCC, Exhibition Level, Hall E 22

11 a.m.-1 p.m.

ACEP Now Editorial Advisory Board
Lunch (by invitation only)
MCC, Lower Mezzanine, 74

11 a.m.-12:30 p.m.

Attendee Break – Visit the Exhibits,
Grab a Refreshment
MCC, Exhibition Level

11:30 a.m. - 12:15 p.m.

Expert Theater: AbbVie: Skin
Infections in Complicated Patients
MCC, Exhibition Level, Expert Theater 1

11:30 a.m. - 12:15 p.m.

Expert Theater: R1: The No
Surprises Act: What Emergency
Physicians Need to Know Now
MCC, Exhibition Level, Expert Theater 2

11:30 a.m.-1:30 p.m.

Democratic Group Practice
Section Meeting
MCC, Exhibition Level, Hall D 12

1-3 p.m.

EMS Education Subcommittee
Meeting
MCC, Exhibition Level, Hall D10

1-3 p.m.

EMRA 20 in 6 Resident Lecture
Competition
Marriott

1-3:30 p.m.

Diversity, Equity & Inclusion
Committee
MCC, Exhibition Level, Hall E 21

1:30-2:20 p.m.

Closing General Session
MCC, Exhibition Level, Hall E

2:30-3:30 p.m.

CORD Business Meeting
Marriott, Second Floor, SOMA

2:30-3:30 p.m.

Attendee Break – Visit the Exhibits,
Grab a Refreshment
MCC, Exhibition Level

5-6 p.m.

Well-Being Storytelling
Hilton, Lobby Level, Golden Gate 8

5-6 p.m.

Virtual Grand Rounds Alumni
Reception
Hilton Lobby Level, Golden Gate 1

5-7 p.m.

EMRA Airway Stories
Marriott, Sierra Suites AB

TUESDAY**6 a.m.-1:30 p.m.**

Yoga/Meditation Room
MCC, Lower Mezzanine, 62

6:30-1 p.m.

Superhero Speaker Space Open
MCC, Lobby Level South, 105

7 a.m.-1 p.m.

Attendee Break - Grab a
Refreshment
MCC, Lobby Level South, South Lobby

7:30 a.m.-1 p.m.

Education Program
MCC

7:30 a.m.-2 p.m.

Virtual ACEP Sales Booth Open
MCC, Registration

8 a.m.-5 p.m.

EMRA MedWAR
Offsite - Lake Chabot Regional Park

9-11 a.m.

Educational Meetings
Subcommittee Meeting
MCC, Lobby Level South, 101



These key locations
available throughout
ACEP22. Reference page
numbers below for more
information on hours
and locations.



Convention Office
See page 12



Exhibit Hall
See page 9



First Aid
See page 12



**Nursing Mother's
Lounge**
See page 12



Registration
See page 11

Industry-Supported Symposia

Industry-supported satellite symposia programs are not a part of the official ACEP22 Scientific Assembly educational program as planned by ACEP's Educational Meetings Subcommittee.

SATURDAY, OCT. 1

Advanced Management of Life-Threatening Bleeding in the Anticoagulated Patient

Grantor: AstraZeneca

6:30 a.m.-7:30 a.m.

Room: Golden Gate Ballroom A, Marriott Marquis Hotel

This CME-accredited program discusses the role of reversal agents in the presence of life-threatening bleeds while on an anticoagulant. It focuses on managing the anticoagulated patient with life-threatening intracranial bleeding, gastrointestinal bleeding, and post-traumatic bleeding in the Emergency Department, educating the audience through didactic and case-based presentations, and audience Q & A.

Learning Objectives

- Discuss the risk factors for DOAC-related bleeding, as well as the appropriate diagnosis and monitoring of a life-threatening bleed, along with the associated need for treatment with a reversal strategy, particularly for ICH.
- Identify the appropriate diagnostic approaches to upper and lower GI bleeding, describe the essential treatment and specialist interventions, and implement treatment.
- Review the clinical applications and recommendations associated with repletion and reversal agents for DOACs, based on an understanding of the mechanism of action, benefits, risks, dosing, monitoring, and management of these agents including anti-vitamin K therapies such as coumadin, or specific direct treatments such as Factor Xa or Factor IIa anticoagulants, and describe their application to clinical practice in the management of life-threatening bleeding.

The faculty will be W. Brian Gibler, MD, FACEP, FACC, FAHA (Moderator), Natalie Kreitzer, MD, MS, Brooks D. Cash, MD, AGAF, FACG, FASGE, and Babak Sarani, MD, FACS, FCCM.

Joint Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Cincinnati Office of Continuing Medical Education, EMCREG-International and TotalCME, Inc. The University of Cincinnati is accredited by the ACCME to provide continuing medical education for physicians.

The University of Cincinnati designates this online activity for a maximum of 1.0 *AMA PRA Category 1 Credit™*. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

This activity is supported by an independent educational grant from AstraZeneca. Jointly provided by University of Cincinnati College of Medicine Office of Continuing Medical Education, EMCREG-International, and TotalCME, Inc.

Expert Theaters

All Expert Theaters are non-CME, industry-presented educational sessions that will take place in the Exhibit Hall. During each session, food and beverages will be served. Each session is limited to 125 participants and seating is first come, first served.

SATURDAY, OCT. 1

Beckman Coulter: The Better CBC for You and Me: Role for MDW Parameter in ED-based Sepsis Diagnosis

11:30 a.m.-12:15 p.m.

Location: Expert Theater 1

Speakers: Phillip Levy, MD, MPH, FAHA, FACC; Jeremiah Stephen Hinson, MD, PhD; Nima Sarani, MD

Join the panel discussion lead by Dr. Phillip Levy from Wayne Health to introduce the novel hematological parameter MDW (Monocyte Distribution Width) and discuss the latest evidence on how the MDW biomarker is being used as an aid in severe infection diagnostics and risk of sepsis in the Emergency Department. MDW is available as a part of CBC with Differential test which is already routinely utilized as an early screening test for a variety of conditions, making it uniquely suitable in the Emergency Department setting. Dr. Jeremiah Hinson from Johns Hopkins University School of Medicine will review recent clinical evidence and implication of these results to U.S. standards of patient care. Dr. Nima Sarani from Kansas University Medical Center will discuss practical aspects of MDW utility in clinical practice across patient presentations in his institution.

Bristol Myers Squibb: Immune-Related Adverse Events Caused by Immune Checkpoint Inhibition

11:30 a.m.-12:15 p.m.

Location: Expert Theater 2

Speaker: Laura Brennan MSN, NP, AOCNP, Sr MSL-CO

This presentation will provide an introduction to the immune system and immuno-oncology and educate on some of the immune-related adverse events (irAEs) that can result from immune checkpoint inhibition. We will also review signs and symptoms of select irAEs and provide a summary of general management principles for select irAEs.

AstraZeneca Pharmaceuticals: The First and Only FDA-approved Agent for Reversal of FXa Inhibitor Activity in Patients With Life-Threatening or Uncontrolled Bleeding

2:30 p.m.-3:15 p.m.

Location: Expert Theater 1

Speaker: Dr. Adam Singer

This program will discuss the burden of life-threatening bleeds related to FXa inhibitors, and focus on the mechanism of action, efficacy, and safety of a reversal agent indicated for patients treated with anticoagulants who have life-threatening bleeding.

bioMerieux: Management Strategies in Sepsis and Respiratory Infections in the Age of Bio Markers and Rapid Organism Identification

2:30 p.m.-3:15 p.m.

Location: Expert Theater 2

Speaker: Daniel Feinstein, MD

Inappropriate antibiotic administration continues to be an issue in our country and is resulting in continued comorbidity concerns and resistance patterns. Procalcitonin (PCT) is a biomarker that continues to show reduction in inappropriate antibiotic exposure without harm when utilized early in the emergency room in patients with sepsis and lower respiratory tract infections. Appropriate use and success occur when followed in a trend with patient progress in an algorithmic protocol format. In addition to PCT, novel acute infectious disease molecular panels are allowing clinicians to make definitive diagnosis faster. Proper integration of these infectious disease panels with PCT can augment sepsis and respiratory infections decision making. It is this integration that will greatly improve the negative predictive value and a positive predictive value in sepsis and respiratory infections care going forward.

SUNDAY, OCT. 2

BioXcel Therapeutics: IGALMI™ Now Approved

11:30 a.m.-12:15 p.m.

Location: Expert Theater 1

Speaker: Gary Vilke, MD, FACEP, FAAEM

Please join us for an expert theater about IGALMI, sponsored by BioXcel Therapeutics, inc. IGALMI™ (dexmedetomidine) is the first and only sublingual film for the acute treatment of agitation associated with schizophrenia or bipolar I or II disorder in adults. The safety and effectiveness of IGALMI have not been established beyond 24 hours from the first dose.

Janssen Pharmaceuticals, Inc.: Advancements in VTE: Prophylaxis of Acutely Ill Medical Patients and Treatment of DVT/PE

11:30 a.m.-12:15 p.m.

Location: Expert Theater 2

Speaker: Jason W. Wilson, MD, MA, CPHQ, CPE, FACEP

This lecture will discuss venous thromboembolism (VTE) prophylaxis for acutely ill medical patients, as well as a treatment option for patients with deep vein thrombosis (DVT) and/or pulmonary embolism (PE), and how this treatment option may reduce the risk of recurrent thrombotic events.

AstraZeneca Pharmaceuticals: Management of Factor Xa Inhibitor-Related Life-Threatening or Uncontrolled Bleeding

2:30 p.m.-3:15 p.m.

Location: Expert Theater 1

Speaker: Ilya Danelich, PharmD, BCPS, BCCP

This program will discuss the burden of life-threatening bleeds related to FXa inhibitors, and focus on the mechanism of action, efficacy, and safety of a reversal agent indicated for patients treated with anticoagulants who have life-threatening bleeding.

MONDAY, OCT. 3

AbbVie: Skin Infections in Complicated Patients

11:30 a.m.-12:15 p.m.

Location: Expert Theater 1

Speaker: Dr. Frank LoVecchio

An overview of acute bacterial skin and skin structure infections (ABSSSI) will be presented. The presentation will include a focus on identifying and managing those patients who may be more complicated. Potentially complicated patients include those whose underlying comorbidities make them at higher risk for treatment failure or transition to more severe infections outside of the skin as well as those whose behavioral or social factors may lead to poorer outcomes. Finally, we will discuss how practitioners may determine the appropriate setting for the treatment of these patients.

R1: The No Surprises Act: What Emergency Physicians Need to Know Now

11:30 a.m.-12:15 p.m.

Location: Expert Theater 2

Speakers: Amber Thomas, JD, and Kathryn Beard, JD

Emergency physician groups are struggling to understand and comply with No Surprises Act mandates. Hurdles stemming from regulation complexity, inconsistent rule enforcement, and insurers taking advantage of loopholes to exploit the surprise billing law are just a few of the many challenges physicians face today.

In this session, R1's regulatory rockstars, Amber Thomas and Kathryn Beard will answer your urgent questions about the Act and provide insights on how the Act is impacting physician groups across the country.

This session will highlight hot issues for emergency physicians. You will learn how both the provider and facility are bound by the federal Balance Billing Rules. You will also discover how to successfully navigate an independent dispute resolution process, using strategies drawn from real-world examples.

As a bonus, you will also get a glimpse of what's happening behind the scenes that could affect how the Act impacts your practice going forward. Don't miss this special session.

Learning Labs

Get up close and personal with the latest medical technologies in the Learning Lab. All of these 15-minute sessions will take place on the Learning Lab stage in the Exhibit Hall.

SATURDAY, OCT. 1

BrainScope: Fast Track Approach to Head Injury Triage

11:10 a.m.-11:25 a.m.

Location: Learning Lab Stage

Speaker: Diku Mandavia, MD, FACEP

BrainScope's breakthrough decision support technology aids ED providers in quickly ruling out intracranial hemorrhage and the need for a CT, and assesses the likelihood of concussion. For mild head injured patients, the standard care path often includes a head CT and a subjective concussion assessment. Even triaged to fast track, these patients can experience long lengths of stay and unexpected out of pocket costs. Learn how this technology can seamlessly integrate into your fast track, improving lengths of stay, cost of care, and patient satisfaction.

NeuroOptics: Pupillometry and NPi in the Emergency Department

11:35 a.m.-11:50 a.m.

Location: Learning Lab Stage

Speaker: Kate McClure, RN, BSN, CCRN

Discussion of the role of pupillometry and the Neurological Pupil index (NPi) for the triage of patients presenting with altered mental status and other critical conditions in the emergency care setting, including a product overview and live demonstration.

Butterfly Network: The Cost of Underdiagnosis: Managing CHF with Handheld POCUS

12:00 p.m.-12:15 p.m.

Location: Learning Lab Stage

Speaker: Peter Weimersheimer, MD

Congestive heart failure (CHF) is a chronic progressive disease affecting 5.3 million people annually, leading to 12 to 15 million office visits and 6.5 million hospital inpatient days each year. An acute diagnosis of CHF has a 40% one-year mortality and 50% rate of annual hospitalization. Early diagnosis and aggressive management of CHF are associated with lower mortality rates, lower hospital admissions, and a better quality of life. The clinical dilemma for practitioners is that neither the acute diagnosis of patients with CHF nor the accurate assessment of congestion for chronic patients is that simple. The current 'standard of care' involves clinical assessment, NTproBNP, and plain chest radiography—each of which constitutes a relatively insensitive assessment. This leads to underdiagnosis and high morbidity

and mortality rates among acute and chronic CHF patients. In this talk, Dr Peter Weimersheimer will explore the effectiveness of hand-held POCUS as a workflow and strategy for health systems to more accurately diagnose patients presenting with potential CHF and to monitor the effectiveness of treatment in the acute and outpatient settings.

SUNDAY, OCT. 2

Ceribell, Inc.: Ceribell Point of Care EEG for Fast Decisions and Improved Patient Care

11:15 a.m.-11:30 a.m.

Location: Learning Lab Stage

Speaker: Matthew Kaplan, MD

Ceribell Point of Care EEG provides real-time functional brain monitoring and alerts at the bedside. It is applied by any HCP within 5 minutes to rule-in or rule-out non-convulsive seizures, driving faster decision making and improved patient care. Dr. Kaplan will present several practical use case scenarios for POC EEG including code stroke, pseudoseizures and post-ROSC, and the associated clinical impact: faster diagnosis and treatment, faster disposition to the right location, and reduced transfers. Without Point of Care EEG, how would you know?

Fisher & Paykel Healthcare: Why High Flow Is Vital in Your ED

12:10 p.m.-12:25 p.m.

Location: Learning Lab Stage

Speaker: Chris Hutchinson, Director of Clinical Affairs

This is the Learning Lab you MUST attend if you're using High Flow Therapy in your ED for respiratory compromise patients. This fast-paced lab will demonstrate the hands-on application of High Flow with healthy volunteers and provide participants with key takeaways from the latest clinical practice guidelines for treating acute hypoxemic respiratory failure through acute hypercapnic respiratory failure patients in their ED. Please come join us for this exciting Learning Lab!

MONDAY, OCT. 3

Ceribell, Inc.: Ceribell Point of Care EEG for Fast Decisions and Improved Patient Care

11:15 a.m.-11:30 a.m.

Location: Learning Lab Stage

Speaker: Matthew Kaplan, MD

Ceribell Point of Care EEG provides real-time functional brain monitoring and alerts at the bedside. It is applied by any HCP within 5 minutes to rule-in or rule-out non-convulsive seizures, driving faster decision making and improved patient care. Dr. Kaplan will present several practical use case scenarios for POC EEG including code stroke, pseudoseizures and post-ROSC, and the associated clinical impact: faster diagnosis and treatment, faster disposition to the right location, and reduced transfers. Without Point of Care EEG, how would you know?

Butterfly Network: Bringing Ultrasound into Routine Assessment: From Cart-based Systems to Pocket-based Systems

11:40 a.m.-11:55 a.m.

Location: Learning Lab Stage

Speaker: Jacob Avila, MD

We've already seen one transformation in ultrasound hardware: from bulky machines that fill up a room to cart-based, relatively portable devices. But recently, a second transformation has begun: the introduction of pocket-sized, ultra-portable ultrasound machines have been introduced and utilized across specialties and care settings. While cart-based machines still have their purpose, practicing providers may find that ultra-portable machines enable ultrasound to play a more consistent role in their daily practice than traditional machines have ever supported. In this talk, Dr. Jacob Avila will walk you through how he uses a Butterfly device and smartphone in his daily practice to deliver exceptional care to patients.

October 9-12, 2023

See You Next Year!

acep Scientific Assembly **PHILADELPHIA, PA 23**

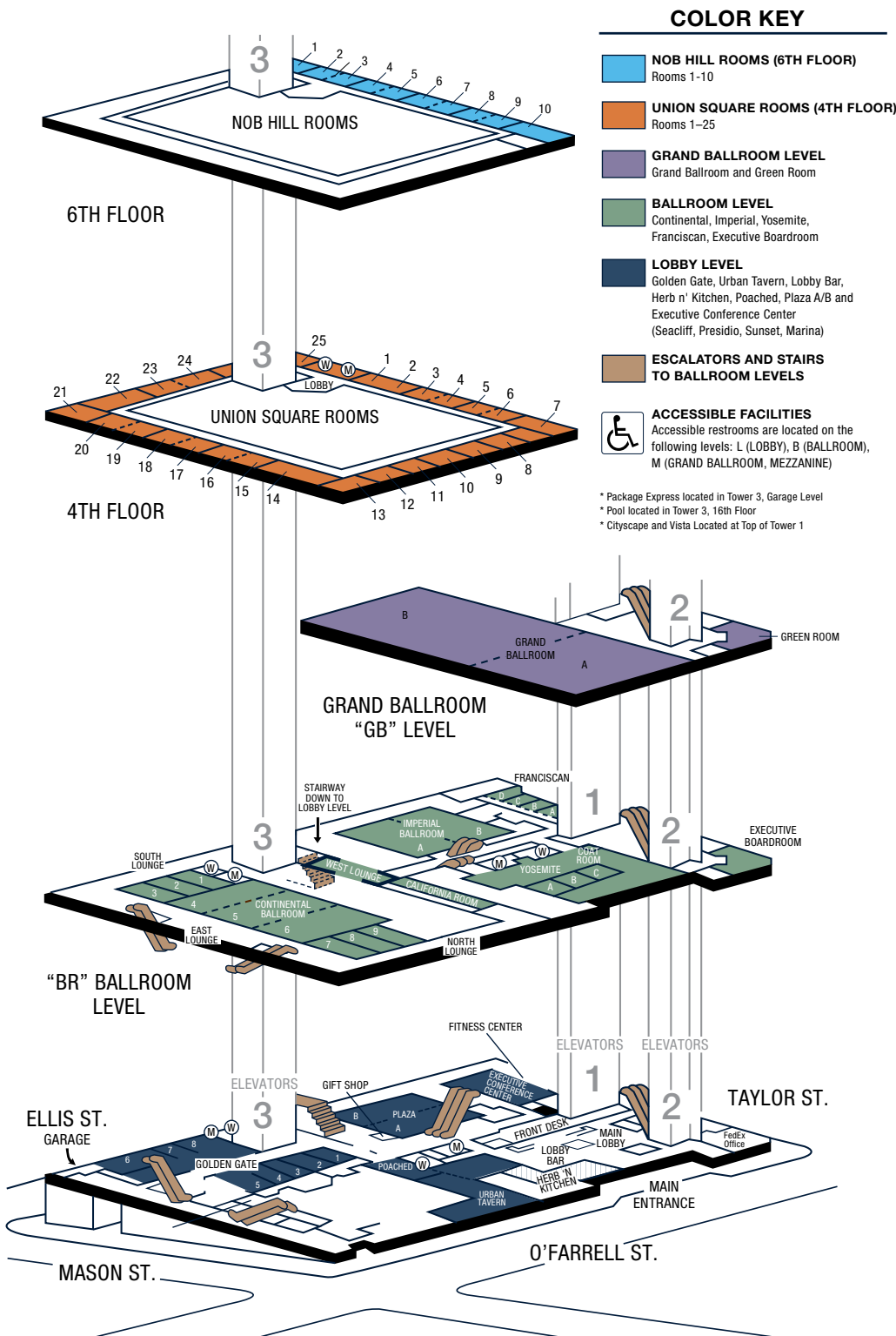
emPOC
Emergency Medicine - Point of Care

Helpful beside tools providing clinical content you can easily access direct from your smart phone or tablet.
Exclusive for ACEP Members.
acep.org/em poc

American College of
Emergency Physicians®
ADVANCING EMERGENCY CARE

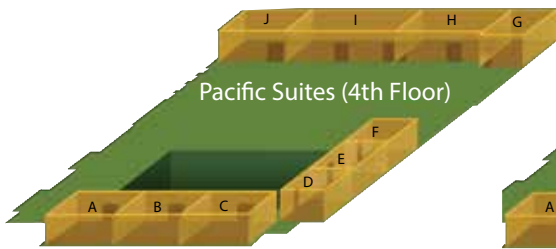


Hilton Union Square

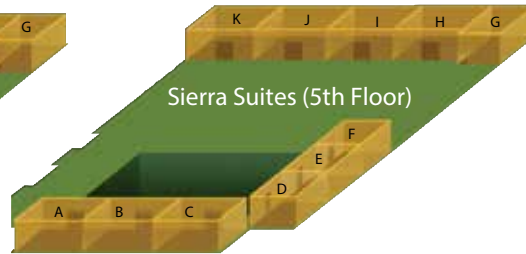




Marriott Marquis

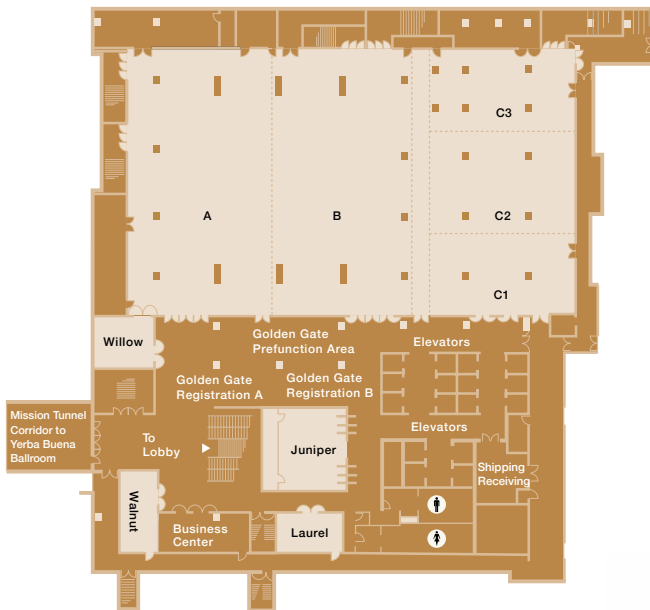


Pacific Suites (4th Floor)



Sierra Suites (5th Floor)

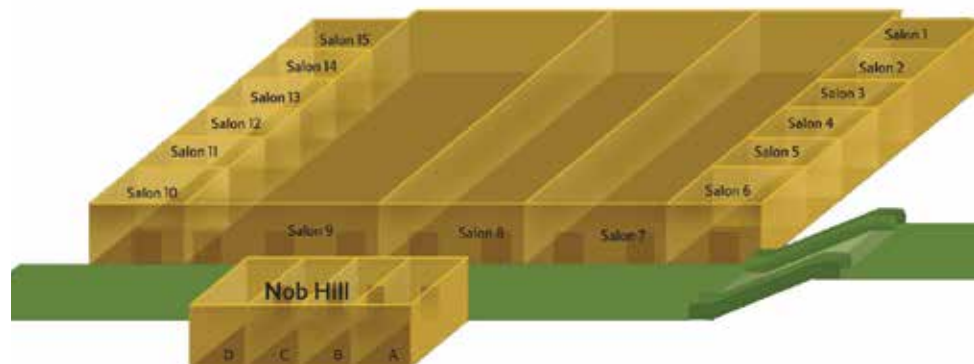
GOLDEN GATE BALLROOM - B2 LEVEL



SECOND LEVEL - MEETING ROOMS



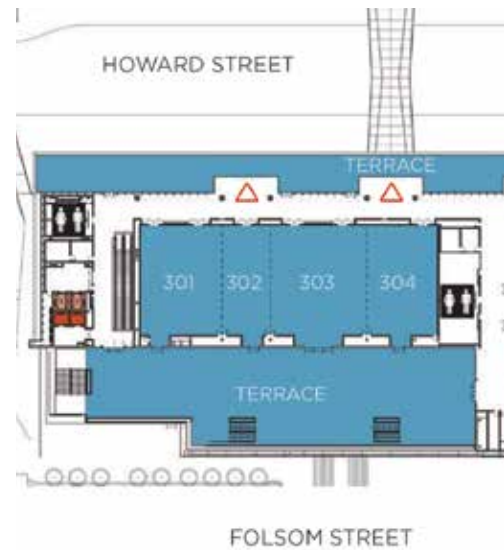
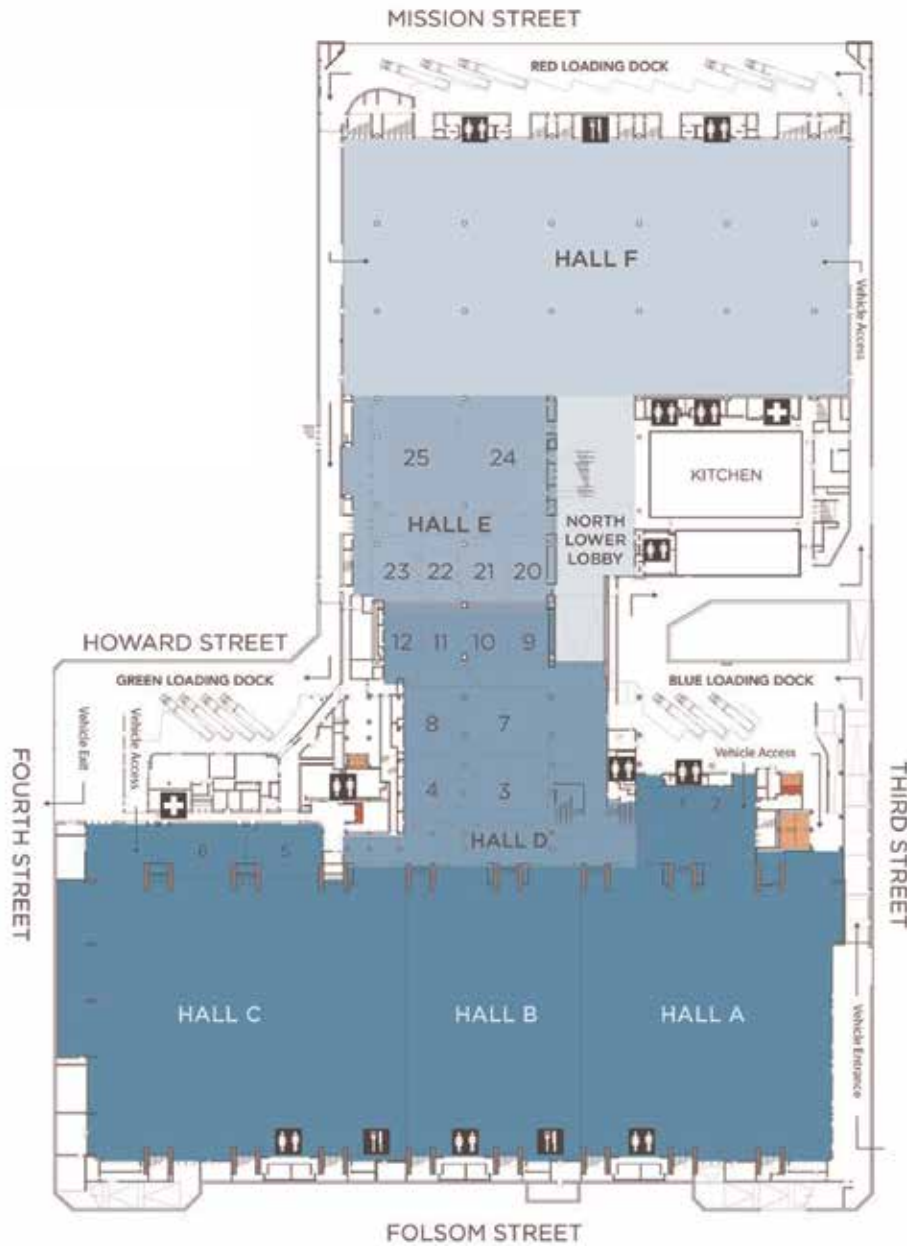
YERBA BUENA BALLROOM - LOWER B2 LEVEL



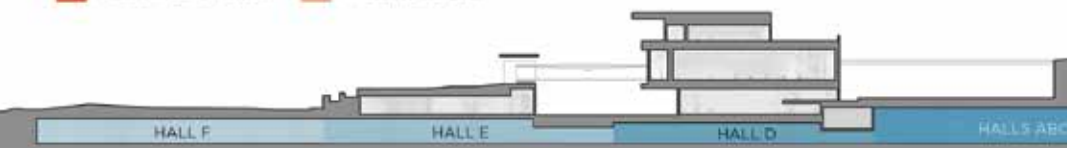


Moscone Center

EXHIBITION LEVEL



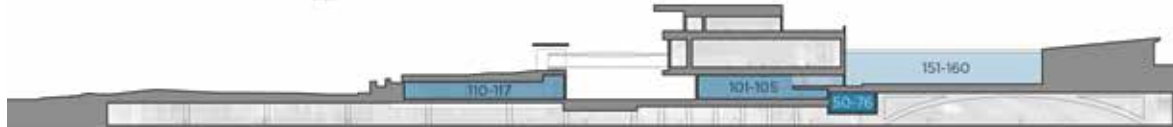
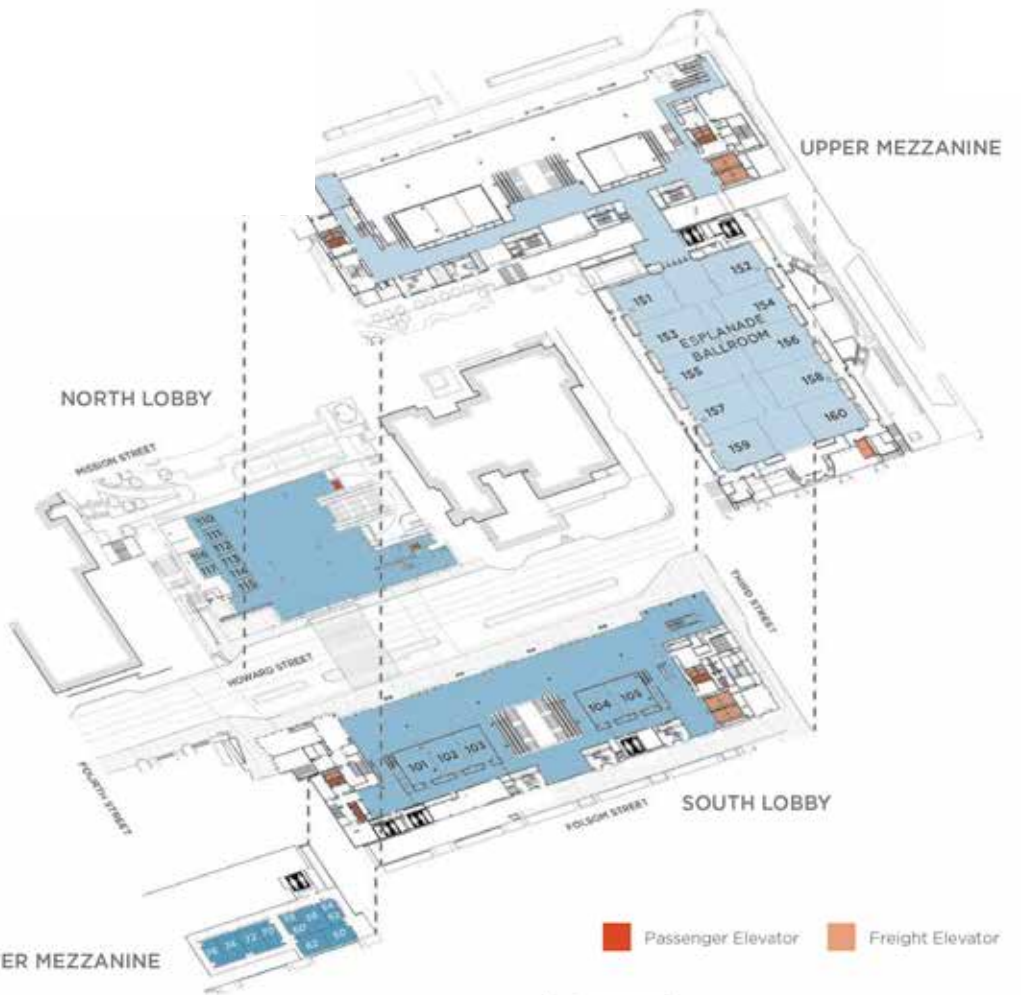
■ Passenger Elevator
 ■ Freight Elevator



LEVEL TWO



LEVEL THREE



PLEASE JOIN US FOR AN

Expert Theater Lunch Presentation at ACEP22

Advancements in VTE: Prophylaxis of Acutely Ill Medical Patients and Treatment of DVT/PE

Sunday, October 2, 2022 • 11:30 AM – 12:15 PM

LOCATION

Moscone Center

Exhibit Show Floor – Expert Theater 2
San Francisco, California

PRESENTER

Jason W. Wilson, MD, MA, CPHQ, CPE, FACEP

Director, ED Clinical Decision Unit
Tampa General Hospital
Tampa, Florida

PROGRAM DESCRIPTION

This lecture will discuss venous thromboembolism (VTE) prophylaxis for acutely ill medical patients, as well as a treatment option for patients with deep vein thrombosis (DVT) and/or pulmonary embolism (PE), and how this treatment option may reduce the risk of recurrent thrombotic events.

In adherence with PhRMA guidelines, spouses or other guests are not permitted to attend company-sponsored programs.

For all attendees, please be advised that information such as your name and the value and purpose of any educational item, meal, or other items of value you receive may be publicly disclosed. If you are licensed in any state or other jurisdiction, or are an employee or contractor of any organization or governmental entity, that limits or prohibits meals from pharmaceutical companies, please identify yourself so that you (and we) are able to comply with such requirements.

Please note that the company prohibits the offering of gifts, gratuities, or meals to federal government employees/officials. Thank you for your cooperation.

This promotional educational activity is not accredited. The program content is developed by Janssen Pharmaceuticals, Inc. Speakers present on behalf of the company and are required to present information in compliance with FDA requirements for communications about its medicines.

This Expert Theater is not part of the official ACEP22 educational program as planned by ACEP's Educational Meetings Committee.

Supported by Janssen Pharmaceuticals, Inc.



Education Information

ACEP22 Classroom Protocol

- Official ACEP22 badges must be worn to all ACEP events.
- Smoking/vaping is not permitted at official ACEP event venues.
- Course monitors are at the entrance to each classroom. They are required to scan badges before allowing anyone into the session.
- No infants or children are allowed in any classroom, as it could be disruptive to the class, faculty, and session recordings.
- Course room capacity is set and strictly enforced by the local fire marshal.

Share Your Opinion Through Evaluations

ACEP values your opinion. Course evaluations will be available in an electronic format. Evaluations are available in the ACEP22 mobile app immediately following each course. You will be emailed a personalized link each morning to the email address provided during registration from survey@guidestarco.com. Please save this email address in your contacts so it doesn't get routed to your spam folder. You also will be asked to complete the post-meeting survey to evaluate your overall experience at the conference after the conference concludes. If you do not receive the emails, please visit the ACEP Registration Area.

ACEP22 Scientific Assembly

Learning Objectives

Upon completion of this activity, participants will be able to apply the latest advances in the diagnosis, treatment, clinical skills, and practice management innovations necessary for the practice of emergency medicine. Nationally recognized experts will present the latest cutting-edge clinical and practice management techniques. A variety of methods will be used, including case presentations, evidence-based medicine, literature reviews, and in-depth coverage of the latest clinical controversies. (Individual course descriptions can be found at acep.org/ACEP22.)

Presentation Materials

Presentations and other materials are provided by the faculty for most courses. In our journey to a greener meeting, ACEP is distributing these materials exclusively in an electronic format on the ACEP22 online platform and on the mobile app. You can save each presentation to your device's e-reader and access it offline. Need help? Stop by the Registration Area or the Convention Office in Room 104 in the MCC.

ACEP22 Continuing Medical Education Credit

The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

ACEP22

The American College of Emergency Physicians designates this Live activity for a maximum of 25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Virtual ACEP (If purchased in addition to ACEP22)

- Credit will be awarded upon successful completion of each individual course.
- On-demand courses are available until Oct. 11, 2023.
- CME Certificates will reflect "Virtual ACEP22 Scientific Assembly" with a subtitle of the individual course name.
- Approved for *AMA PRA Category 1 Credit*[™]



Pre-Conference Courses

Counter-Narcotics and Terrorism Operational Medical Support (CONTOMS) Medical Director's Course

Approved for AMA PRA Category 1 Credit™

Mass Casualty Medical Operations Management Course

Approved for AMA PRA Category 1 Credit™

Emergency Ultrasound Management Course – CORE

Approved for AMA PRA Category 1 Credit™

Emergency Ultrasound Management Course - ADVANCED

Approved for AMA PRA Category 1 Credit™

Pain and Addiction Care in the ED (PACED) Accreditation

Approved for AMA PRA Category 1 Credit™

Transforming Tricky Transitions: Optimizing Care Transitions for Older Patients in Your Emergency Department

Approved for AMA PRA Category 1 Credit™

Specialty Credits

American Academy of Family Physicians Credits


The AAFP has reviewed Scientific Assembly 2022 and deemed it acceptable for up to 25.00 Live AAFP Prescribed credits. Term of Approval is from 10/01/2022 to 10/04/2022. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Academy of Pediatrics Credits

This continuing medical education activity has been reviewed by the American Academy of Pediatrics and is acceptable for a maximum of 25.00 AAP credits. These credits can be applied toward the AAP CME/CPD Award available to Fellows and Candidate Members of the American Academy of Pediatrics.

ACEP Category I Credits

ACEP22 has been approved by the American College of Emergency Physicians for a maximum of 25 hours of ACEP Category I Credit.




**12 Months of CME,
300+ On-Demand
Courses**

Virtual ACEP22

Virtual ACEP provides you with access to all the ACEP22 courses with synchronized video, slides and audio, downloadable PDFs, and more – our integrated classroom brings everything together in a single, unified view.

acep.org/virtualacep22

American College of
Emergency Physicians®
ADVANCING EMERGENCY CARE

Access All of ACEP22 Anytime, Anywhere 



ED PMA | 25 YEARS

SAVE THE DATE

7-8 December 2022

WORKSHOP
*Final Rule, PHE, NSA,
Documentation Changes,
and So Much More!*

Caesars Palace
Las Vegas, Nevada

REGISTER TODAY

edpma.org/workshops



EDUCATION SCHEDULE

All education sessions take place at the Moscone Convention Center.

SATURDAY

8-8:25 a.m.

Noninvasive Cardiac Testing – Which Test is Best (SA-1)

Room 304

Deborah B. Diercks, MD, MSc, FACEP

The Airway Triple Threat: Allergy, Anaphylaxis, and Angioedema (SA-2)

Room 155

Michael Gibbs, MD

This Boarding Is Crazy! What to Do With Mental Health Boarders in Your Department (SA-3)

Room 205

Abhishek Mehrotra, MD, MBA, FACEP

New Sepsis Guidelines: Latest but Not Greatest: Fast Facts (SA-4)

Room 207

John C. Perkins, Jr., MD, FACEP; David Pigott, MD, FACEP

Screen Time in the ED: Best Practice in Telemedicine (SA-74)

Room 153

Rita A. Manfredi-Shutler, MD, FACEP

Sick to my Stomach: The Critically Ill Patient With Abdominal Pain (SA-5)

Room 154

Benjamin C. Smith, MD, FACEP

8-8:50 a.m.

Life-Saving Trauma Procedures (SA-7)

Room 301

Starr Knight, MD, FACEP

Debunking Trauma Myths: It's Not Just Politics: ACEP Connect (SA-8)

Room 203

Regan F. Lyon, MD, FACEP (Moderator); Christopher B. Colwell, MD, FACEP

Acute Decompensated Heart Failure “Never a Dry Topic” (SA-9)

Room 201

Amal Mattu, MD, FACEP

Super Strategies to Help Your ED Super Utilizers (SA-10)

Room 303

Bret Nicks, MD, MHA, FACEP

8-10 a.m.

Procedural Ultrasound Lab (SA-11)

Room 160

John Bailitz, MD, FACEP

Neonatal Resuscitation Lab (SA-12)

Room 157

Emily C. MacNeill, MD

Critical Care Sim Lab (SA-13)

Room 159

Matthew A. Roginski, MD

Pediatric Critical Procedures Lab (SA-14)

Room 158

Steven C. Scarboro, MD, FACEP

8:30-8:55 a.m.

Sugar and Spice and Everything Is NOT Nice: Pediatric Endocrine Emergencies (SA-15)

Room 155

Ilene A. Claudius, MD, FACEP

Pearls for Procedural Sedation (SA-16)

Room 205

Steven T. Haywood, MD, FACEP

EMTALA From the Trenches (SA-17)

Room 153

Diana Nordlund, DO, JD, FACEP

Locums: Where Are We Now? (SA-18)

Room 154

Tracy G. Sanson, MD, FACEP

Cardiac Tamponade: Ain't No Thrill to Have No Fill (SA-19)

Room 207

Jennifer G. Wilson, MD, FACEP

Beyond the Pain: Treating Sickle Cell in the ED (SA-20)

Room 304

Alisa V. Wray, MD, FACEP

9-10:30 a.m.

General Session (SA-21)

Hall E

Lunch On Your Own
10:30 a.m.-12:30 p.m.

Visit the Exhibit Hall and grab a refreshment.

SATURDAY

12:30-12:55 p.m.

How to Evaluate a New Job and Negotiate the Contract (SA-23)**Room 153**

Michael A. Gisoni, MD, FACEP; Maria E Moreira, MD, FACEP

It's What You Say, Not How You Say it: The 5-Minute ED Goals of Care Conversation (SA-24)**Room 155**

Danya Khoujah, MBBS, MEHP

Crush it! Managing the Crush-Injured Patient (SA-25)**Room 301**

Regan F. Lyon, MD, FACEP

Infections With Deadly Consequences (SA-26)**Room 154**

John C. Perkins, Jr., MD, FACEP

How I Learned to Love Treating Chronic Abdominal Pain and Vomiting (SA-388)**Room 303**

Joyce Li, MD

Telemedicine Regulatory Changes Zooming to Your Practice (SA-387)**Room 304**

Alison Haddock, MD, FACEP

12:30-1:20 p.m.

Working as a Female in the ED: Coffee House Chat (SA-27)**Room 203**

Diane M. Birnbaumer, MD, FACEP (Moderator); Arlene Chung, MD, FACEP; Starr Knight, MD; Vonzella A. Bryant, MD, FACEP

Tips for Trauma Radiology (SA-28)**Room 205**

Christopher J. Gelabert, MD, FACEP

Pandemic Silver Lining: New Policies Enacted During the Pandemic That Should Stay (Colin C. Rorrie, Jr. Lecture) (SA-29)**Room 207**

Michael A. Granovsky, MD, FACEP

Patient Satisfaction: Truths, Half-Truths and Utter Lies – A Debate for the Ages (SA-30)**Room 201**

Aimee K. Moulin, MD, FACEP; Robert W. Strauss, MD, FACEP; Tracy G. Sanson, MD, FACEP

12:30-2:30 p.m.

Procedural Ultrasound Lab (SA-31)**Room 160**

John Bailitz, MD, FACEP

Neonatal Resuscitation Lab (SA-32)**Room 157**

Emily C. MacNeill, MD

Critical Care Sim Lab (SA-33)**Room 159**

Matthew A. Roginski, MD

Pediatric Critical Procedures Lab (SA-34)**Room 158**

Steven C. Scarboro, MD, FACEP

1-1:25 p.m.

Nebulous Neck Masses: A Difficult Differential Diagnosis (SA-35)**Room 155**

Joshua S. Broder, MD, FACEP

Metabolic Disasters in Kids – Lethal Disorders You Have Never Heard of and How to Treat Them (SA-36)**Room 154**

Ilene A. Claudius, MD, FACEP

Anticoagulation Reversal: Part of the ABCs of Resuscitation (SA-37)**Room 301**

Steven T. Haywood, MD, FACEP

#NoSilenceOnEDViolence: Enacting Bulletproof Policies and Legislation (SA-38)**Room 153**

Nikita Joshi, MD

Severe Traumatic CNS Injury – What Matters Most (SA-39)**Room 303**

Mary E. McClean, MD

The HR Nightmare: Managing Difficult Staff (SA-40)**Room 304**

Peter Viccellio, MD, FACEP

1:30-1:55 p.m.

2022 Disasters in Review: Are We Over it Yet? (SA-41)**Room 154**

Clayton Kazan, MD, FACEP

Dead Tired: The Impact of Fatigue on Patient Safety and Physician Wellness (SA-42)**Room 155**

Torree M. McGowan, MD, FACEP

Sexually Transmitted Infections (SA-43)**Room 304**

David Pigott, MD, FACEP

Depressed and Overdosed (SA-44)**Room 205**

Craig G. Smollin, MD

Sideline Sports Medicine: Touchdown! (SA-45)**Room 203**

John Kiel, DO, FACEP

New Cardiac Drugs 2022: What, How, and When (SA-46)**Room 303**

George C. Willis, MD, FACEP

Emergency Hematology – A Bloody Good Refresher! (SA-47)**Room 301**

Megan Boysen Osborn, MD, FACEP

1:30-2:20 p.m.

Stroke Care 2022: State of the Art (SA-48)**Room 207**

Zachary Repanshek, MD

The Unexpected Difficult Airway: How to Avoid it and How to Manage it (SA-49)**Room 153**

Michael Gibbs, MD

Split Flow Success – Avoiding Pitfalls and Getting Up to Speed! (SA-50)**Room 201**

Deborah B. Diercks, MD, MSc, FACEP (Moderator); Bret Nicks, MD, MHA, FACEP; Abhishek Mehrotra, MD, MBA, FACEP

2-2:25 p.m.

Psychiatric Disorders That Can Kill (SA-51)**Room 154**

Danya Khoujah, MBBS, MEHP

Reading a Head CT: What Every Emergency Physician Needs to Know (SA-52)**Room 155**

Christopher J. Gelabert, MD, FACEP

Occupational Tox – Management of Workplace Exposures (SA-53)**Room 203**

Tara Taylor-Jean Haston, DO, FACEP

The Agitated Trauma Patient (SA-54)**Room 303**

Christopher Hogrefe, MD, FACEP

SSS: Snake, Scorpion and Spider Envenomations (SA-55)**Room 301**

Craig G. Smollin, MD

Hypotensive Heart Failure: CHF End Game (SA-56)**Room 205**

Jennifer G. Wilson, MD, FACEP

Winner, Winner, Chicken Dinner: Negotiation Skills for Win-Win Outcomes (SA-60)**Room 304**

Robert W. Strauss, MD, FACEP

SATURDAY-SUNDAY

Break 2:30-3:30 p.m.

Visit the Exhibit Hall and grab a refreshment.

3:30-3:55 p.m.

Burned Beyond Recognition: Burnout's Cost and its Solutions

(SA-57)

Room 153

Arlene Chung, MD, FACEP

Immune Checkpoint Inhibitors: Lifesaving, Yet Toxic

(SA-58)

Room 205

Michael Gibbs, MD

Don't Ovary Act: Vaginal Bleeding in the Non-Pregnant Patient

(SA-59)

Room 154

Camiron L. Pfennig, MD, FACEP

3:30-4:20 p.m.

Critical Care Emergency Ultrasound

(SA-61)

Room 303

Jason M. Fields, MD, FACEP

The Chief Wellness Officer in Emergency Medicine: A Roundtable Discussion of Pros and Cons

(SA-62)

Room 203

Jay A. Kaplan, MD, FACEP (Moderator); Kristen Nordenholz, MD, FACEP; Rita A. Manfredi-Shuttler, MD, FACEP

Opiate Withdrawal in the ED – Treat or Street: ACEP Connect

(SA-63)

Room 301

Alexis M. LaPietra, DO, FACEP (Moderator); Arian Nachat, MD

Tort Hot, Tort Cold, or Just Right: Would Goldilocks Practice EM in Your State?

(SA-64)

Room 101

Diana Nordlund, DO, JD, FACEP

Staying Cool With Pediatric Fever

(SA-65)

Room 304

David Pigott, MD, FACEP

Perplexing Pediatric Patients – Stump the Chumps!

(SA-66)

Room 155

Alfred D. Sacchetti, MD, FACEP (Moderator); Marianne Gausche-Hill, MD, FACEP, FAAP, FAEMS; Sean M. Fox, MD, FACEP, FAAP

3:30-5:30 p.m.

Procedural Ultrasound Lab

(SA-67)

Room 160

John Bailitz, MD, FACEP

Neonatal Resuscitation Lab

(SA-68)

Room 157

Emily C. MacNeill, MD

Critical Care Sim Lab

(SA-69)

Room 159

Matthew A. Roginski, MD

Pediatric Critical Procedures Lab

(SA-70)

Room 158

Steven C. Scarboro, MD, FACEP

4-4:25 p.m.

Diversity, Equity and Inclusion: The Patient, Trainee, and Leadership Perspective (Leon L. Haley, Jr. Lecture)

(SA-71)

Room 207

Vonzella A. Bryant, MD, FACEP

There's Nothing Normal About Saline

(SA-72)

Room 205

Marie-Carmelle Elie, MD, FACEP, FCCM

Clear as Mud: C-Spine Clearance

(SA-73)

Room 154

Mary E. McClean, MD

4:30-4:55 p.m.

Abdominal Pain That Isn't: The Masqueraders

(SA-75)

Room 303

Diane M. Birnbaumer, MD, FACEP

Know Your Worth: How Being Junior Faculty Makes You an Asset

(SA-76)

Room 155

Bernard Luis Lopez, MD, FACEP

0 to 60 Patients in a Flash: Learning Points From MASCAL Cases

(SA-77)

Room 301

Regan F. Lyon, MD, FACEP

Emergency Delivery: The Baby is On The Way!

(SA-78)

Room 304

Camiron L. Pfennig, MD, FACEP

4:30-5:20 p.m.

RVU Killers: 2023 Brand New ED Documentation Guidelines – Avoid Mistakes and Maximize Opportunities

(SA-79)

Room 154

Michael A. Granovsky, MD, FACEP

Recent EMS Literature, Controversies, and Evolving Concepts

(SA-80)

Room 153

Clayton Kazan, MD, FACEP

Cruising the Cardiology Literature: 2022

(SA-81)

Room 205

Amal Mattu, MD, FACEP

Critically Ill and Injured Children in a Community ED: Optimum Care Without Optimum Resources

(SA-82)

Room 203

Alfred D. Sacchetti, MD, FACEP

The 1st 60 Minutes: Initial Management of the Critically Ill Infant

(SA-83)

Room 207

Richard M. Cantor, MD, FACEP, FAAP

Atrial Fibrillation 2022: Don't Miss a Beat

(SA-84)

Room 201

Jeffrey Tabas, MD, FACEP

5-5:25 p.m.

Resuscitation-Minded: Metacognition at the Bedside

(SA-85)

Room 303

Marie-Carmelle Elie, MD, FACEP, FCCM

Digital Scholarship: From Podcast to Promotion

(SA-86)

Room 304

Jan M. Shoenberger, MD, FACEP

Pediatric Extremity Fractures: The Rule of the Ring

(SA-87)

Room 301

Annalise Sorrentino, MD, FACEP

Aortic Dissection: Don't Miss This Diagnosis

(SA-88)

Room 155

George C. Willis, MD, FACEP

SUNDAY

8-8:25 a.m.

Life-Threatening Headaches in the ED: Evaluation and Management

(SU-89)

Room 155

Guy Carmelli, MD

De-escalation in the ED: Novel Techniques in Treating Agitation

(SU-90)

Room 154

Scott Zeller, MD

ReimBERsement 101: What You Don't Know CAN Hurt You

(SU-91)

Room 304

Michael A. Granovsky, MD, FACEP

Trach Tips, Tricks, and Troubleshooting

(SU-92)

Room 303

Lauren M. Westafer, DO, FACEP



SUNDAY

8-8:50 a.m.

Procedural Ultrasound (SU-93)

Room 153
John Bailitz, MD, FACEP

Cruising the Literature: Top Articles in Critical Care (SU-94)

Room 203
Matthew A. Roginski, MD; Rory Spiegel, MD

ED Boarders: Managing the Challenge (SU-95)

Room 205
Abhishek Mehrotra, MD, MBA, FACEP

There's an App for That! Apps You Should Be Using (SU-96)

Room 207
Christian C. Rose, MD

Soft Tissue Injuries: It's Not All About the Bones (SU-97)

Room 201
Annalise Sorrentino, MD, FACEP

8-10 a.m.

Critical Care Ultrasound (Lab) (SU-98)

Room 160
Jason M. Fields, MD, FACEP

Advanced Airway Techniques Lab and Clinical Cases (SU-99)

Room 157
Megan Fix, MD, FACEP; Katren R. Tyler, MD, FACEP

Arthrocentesis Techniques: Avoiding a Dry Tap

Skills Lab (SU-100)
Room 159
Calvin E. Hwang, MD, FACEP

Pediatric Resuscitation Sim Lab (SU-101)

Room 158
Amanda B. Price, MD

8-8:50 a.m.

Plumbing or the Pump: Diagnosis and Common Problems in Congenital Heart Kids (SU-102)

Room 301
Alisa A. McQueen, MD, FACEP

8:30-8:55 a.m.

Keeping Kids Calm Without Ketamine (SU-103)

Room 303
Sean M. Fox, MD, FACEP, FAAP

Liability Concerns and Controversies Working With Non-Physician Providers (SU-104)

Room 304
Diana Nordlund, DO, JD, FACEP

Dealing With (Anonymous) Criticism (SU-105)

Room 154
Robert W. Strauss, MD, FACEP

ECLS and Extraordinary Measures in Cardiac Arrest (SU-106)

Room 155
George C. Willis, MD, FACEP

9-9:25 a.m.

Don't Breathe That! Smoke Inhalation, Cyanide Toxicity, and Carbon Monoxide Poisoning (SU-107)

Room 155
Gillian A. Beauchamp, MD

Clogged or Broken? Troubleshooting Tubes and Lines (SU-108)

Room 154
Diane M. Birnbaumer, MD, FACEP

Report Your MIPS or Your Paycheck Dips: Emergency Physician Compensation Update 2022 (SU-109)

Room 303
Stephen K. Epstein, MD, MPP, FACEP

Pain Pearls for Patients on Medications for Opioid Use Disorder (SU-110)

Room 201
Alexis M. LaPietra, DO, FACEP

Back Pain Bounce Backs (SU-111)

Room 153
Marco E. Propersi, DO

9-9:50 a.m.

Bradycardias – Moving Fast When Your Patient Is Slow (SU-112)

Room 301
Leen Alblaihed, MD, MBBS, MHA, FACEP

Cruising the Literature: Trauma 2022 (SU-113)

Room 203
Christopher B. Colwell, MD, FACEP

Nurse! Nurse? Nurse ... Innovative Solutions to the ED Nursing Crisis (SU-114)

Room 304
Thom A. Mayer, MD, FACEP

Moving Beyond the Rhetoric: How EM Is Leading Firearm Injury Prevention (The Brooks Bock Keynote Lecture) (SU-115)

Room 207
Garen Wintemute, MD, MPH;
Anthony Lagina, MD, FACEP

Clinical Pearls From the Recent Medical Literature 2022:

Part 1 (SU-116)
Room 205
W. Richard Bukata, MD (Moderator); Jan M. Shoenberger, MD, FACEP; Ken Milne, MD

9-10 a.m.

Expert Witness in an Hour Workshop: Protect Yourself and Advocate for the Underserved (SU-117)

Room 151
Charles A. Pilcher, MD, FACEP; William Weber, MD, MPH

9:30-9:55 a.m.

Tripping on Troponins – Understanding Rapid Rule Out of AMI (SU-118)

Room 155
Deborah B. Diercks, MD, MSc, FACEP

NICU Graduates – Lifelong Problems From Being Born Too Soon (SU-119)

Room 154
Russ Horowitz, MD

Evidenced-Based Treatment of AMIs (SU-120)

Room 303
Mary E. McClean, MD

Personal Preparedness: Protecting Yourself So That You Can Save Others (SU-121)

Room 201
Katie L. Tataris, MD, FACEP

Gettin' Piggy With it: Are Chest Tubes a Thing of the Past? (SU-143)

Room 153
Marco E. Propersi, DO

10-10:25 a.m.

Lung Ultrasound in the ED: Don't Diss Dyspnea (SU-123)

Room 155
John Bailitz, MD, FACEP

Jedi Echo for the ED: Relevant Advanced Echocardiography for the Emergency Physician (SU-124)

Room 154
Starr Knight, MD, FACEP

The Life-Threatening Asthmatic (SU-125)

Room 304
Matthew A. Roginski, MD

Other People's Parts: Transplant Troubles (SU-126)

Room 203
Alisa V. Wray, MD, FACEP

10-10:50 a.m.

Lytes Out! Electrolytes Gone Wrong

(SU-127)

Room 303

Salil K. Bhandari, MD

Ten Most Commonly Missed Radiographic Findings in the ED

(SU-128)

Room 201

Christopher J. Gelabert, MD, FACEP

Narcotics to Naloxone: Promoting Productive Policies

(SU-129)

Room 153

Aimee K. Moulin, MD, FACEP

Emotional Intelligence and Mindful Listening

(SU-130)

Room 301

Jay A. Kaplan, MD, FACEP

The Emergency Medicine Workforce (James D. Mills Lecture)

(SU-131)

Room 207

Catherine A. Marco, MD, FACEP

Avoiding Pediatric Airway Panic: Advanced Pediatric Airway Management

(SU-132)

Room 205

Alfred D. Sacchetti, MD, FACEP

10-11 a.m.

Visual Toxicology Workshop

(SU-133)

Room 151

Darryl J. Macias MD, FACEP, FAWM, DIMM

10:30-10:55 a.m.

Pediatric Vital Signs – You Don't Know What You Are Missing

(SU-134)

Room 155

Timothy Horeczko, MD, MSCR, FACEP

Unlearning Implicit Bias

(SU-135)

Room 304

Bernard Luis Lopez, MD, FACEP

Bundle Branch Block Unblinded – Identifying Acute MI

(SU-136)

Room 154

Jeffrey Tabas, MD, FACEP

Unpacking the Black Box: Diagnosing Pulmonary Embolism in Pregnancy

(SU-137)

Room 203

Lauren M. Westafer, DO, FACEP

Lunch On Your Own

11 a.m.-12:30 p.m.

Visit the Exhibit Hall and grab a refreshment.

12:30-12:55 p.m.

Using Efficiency to Up Your Clinical Game

(SU-139)

Room 304

Guy Carmelli, MD

Aviation Applications: Optimizing Safety Strategies in EM

(SU-140)

Room 155

Abhishek Mehrotra, MD, MBA, FACEP

ACLS Guidelines 2022: What's New and Why

(SU-141)

Room 154

Jeffrey Tabas, MD, FACEP

Break Glass in Case of Disaster: How the Single Coverage ED Physician Can Manage in the First 30 Minutes

(SU-142)

Room 153

Katie L. Tataris, MD, FACEP

Pain in the Neck: Diagnosis and Treatment of Vertebral and Carotid Dissections

(SU-147)

Room 303

Andrew Matuskowitz, MD

12:30-1:20 p.m.

Mistakes You Do Not Want to Make in Pediatric Patients

(SU-144)

Room 203

Richard M. Cantor, MD, FACEP, FAAP

Divorce, Depression and Loss: How to Keep Going When it All Falls Apart

(SU-145)

Room 301

Arlene Chung, MD, FACEP

From Paper to Patient: Recent Advances in Emergency Electrocardiography That Will Save a Life

(SU-146)

Room 205

Amal Mattu, MD, FACEP

Upper Body Regional Nerve Blocks

(SU-148)

Room 201

Arun Nagdev, MD

Fast and Furious Pumping the Brakes on Tachycardias

(SU-149)

Room 207

George C. Willis, MD, FACEP

12:30-1:30 p.m.

Expert Witness in an Hour Workshop: Protect Yourself and Advocate for the Underserved

(SU-150)

Room 151

Charles A. Pilcher, MD, FACEP; William Weber, MD, MPH

12:30-2:30 p.m.

Critical Care Ultrasound (Lab)

(SU-151)

Room 160

Jason M. Fields, MD, FACEP

Advanced Airway Techniques Lab and Clinical Cases

(SU-152)

Room 157

Megan Fix, MD, FACEP; Katren R. Tyler, MD, FACEP

Arthrocentesis Techniques: Avoiding a Dry Tap Skills Lab

(SU-153)

Room 159

Calvin E. Hwang, MD, FACEP

Pediatric Resuscitation Sim Lab

(SU-154)

Room 158

Amanda B. Price, MD

1-1:25 p.m.

Trauma-Informed Care in Behavioral Health Patients: What Does This Mean for Me?

(SU-155)

Room 304

Scott Zeller, MD

Kids Dropping Out: Pediatric ECG From Normal to Disaster

(SU-156)

Room 155

Sean M. Fox, MD, FACEP, FAAP

Teaching Others to Save a Life Until Help Arrives

(SU-157)

Room 153

Clayton Kazan, MD, FACEP

But I Didn't Say Anything: Effective Skills for Non-Verbal Communication

(SU-158)

Room 154

Robert W. Strauss, MD, FACEP

1:30-1:55 p.m.

ReimbERsement 201: Procedural RVUs That You Are Missing

(SU-159)

Room 304

Michael A. Granovsky, MD, FACEP

Alcohol Use Disorder – A Missed Opportunity

(SU-160)

Room 303

Alexis M. LaPietra, DO, FACEP

Secured the Airway, Now What? Best Practices for Post-Intubation Sedation

(SU-161)

Room 201

Colin G. McCloskey, MD

Bloody Hell: GI Bleed Management in the ED

(SU-162)

Room 301

Benjamin C. Smith, MD, FACEP

SUNDAY

1:30-2:20 p.m.

Navigating Bias, Uncertainty and Privacy in the Age of AI: ACEP Connect (SU-163)

Room 155
Tomas R. Diaz, MD; Christian C. Rose, MD

Life-Threatening Radiographic Emergencies in Pediatric Patients (SU-164)

Room 205
Russ Horowitz, MD

Trauma at Your Doorstep: Different Environments, Different Approaches (SU-165)

Room 153
Regan F. Lyon, MD, FACEP; Torree M McGowan, MD, FACEP; Maria E. Moreira, MD, FACEP

Myocardial Ischemia and Mimics: ECG Cases (SU-166)

Room 207
Amal Mattu, MD, FACEP

Clinical Pearls From the Recent Medical Literature 2022: Part 2 (SU-167)

Room 203
W. Richard Bukata, MD (Moderator); Jan M. Shoenberger, MD, FACEP; Ken Milne, MD

Infectious Disease Game Show (SU-168)

Room 154
Shayne Gue, MD, FACEP, FAAEM

2-2:25 p.m.

Alarm Bells Sound, Patients at Home: Remote Monitoring in the ED (SU-169)

Room 201
Indira Gowda, MD

Management of Priapism in the ED: What Goes Up Must Come Down (SU-170)

Room 303
Jacob R. Hennings, MD, FACEP

Quick Doc: Providers in Triage (SU-171)

Room 304
Thom A. Mayer, MD, FACEP

Informed Consent: Sign Here ... See You in Court (SU-172)

Room 301
Rachel Lindor, MD, JD

Break 2:30-3:30 p.m.

Visit the Exhibit Hall and grab a refreshment

3:30 p.m.-3:55 p.m.

Pelvic Trauma Management (SU-174)

Room 303
Christopher B. Colwell, MD, FACEP

The Psychology of Waiting (SU-175)

Room 304
Deborah B. Diercks, MD, MSc, FACEP

Botched Botox and Bad Fillers (SU-176)

Room 201
Jacob R. Hennings, MD, FACEP

More Pediatric Emergency Myths, Misnomers and Flat Out Lies (SU-177)

Room 301
Timothy Horeczko, MD, MSCR, FACEP

3:30-4:20 p.m.

Cardiovascular Emergencies in the Pregnant and Post-Partum Patient (SU-178)

Room 153
Joelle Borhart, MD, FACEP

Ultrasound-Guided ACLS Resuscitation (SU-179)

Room 155
Jennifer Carnell, MD, FACEP

Opiates Are Out. What Pain Management Is In? (SU-180)

Room 154
Alexis M. LaPietra, DO, FACEP

The ICU Is Not Ready for Your Critical Patient, Are You? (SU-181)

Room 203
Rory Spiegel, MD

Trauma STAT! Don't Miss This Visual Cue! (SU-182)

Room 205
Maria E. Moreira, MD, FACEP

Cruising the Infectious Disease Literature (SU-183)

Room 207
John C. Perkins, Jr., MD, FACEP

3:30 p.m.-5:30 p.m.

Critical Care Ultrasound (Lab) (SU-184)

Room 160
Jason M. Fields, MD, FACEP

Advanced Airway Techniques Lab and Clinical Cases (SU-185)

Room 157
Megan Fix, MD, FACEP; Katren R. Tyler, MD, FACEP

Arthrocentesis Techniques: Avoiding a Dry Tap Skills Lab (SU-186)

Room 159
Calvin E. Hwang, MD, FACEP

Pediatric Resuscitation Sim Lab (SU-187)

Room 158
Amanda B. Price, MD

4-4:25 p.m.

Crashing Tox Patient (SU-188)

Room 201
Gillian A. Beauchamp, MD

Debunking Myths of Bicarb in Resuscitation (SU-189)

Room 303
Salil K. Bhandari, MD

Does it Itch? Tricks of the Trade From Eczema to Scabies (SU-190)

Room 301
Zachary Repanshek, MD

The Scoop on Pediatric Poop (SU-191)

Room 304
Emily A. Rose, MD, FACEP

4:30-4:55 p.m.

Beyond UpToDate®: Calm the Chaos of Continuing Education (SU-192)

Room 201
Salil K. Bhandari, MD

How to Be an Effective Mentor (SU-193)

Room 301
Arlene Chung, MD, FACEP

Chest Pain in Kids – Harmless or Hazardous (SU-194)

Room 203
Alisa A. McQueen, MD, FACEP

Perils in the Pleural Space (SU-195)

Room 303
Marco E. Propersi, DO

Prehospital Termination of Resuscitation (SU-196)

Room 304
Katie L. Tataris, MD, FACEP

4:30-5:20 p.m.

Difficult Dislocations (SU-197)

Room 155
Matthew R. Levine, MD, FACEP

10 Ultrasound Applications for Your Community ED Gig (SU-198)

Room 154
Arun Nagdev, MD

Brittle and Broken: Geriatric Trauma Practical Pearls and Pitfalls (SU-199)

Room 153
Christina L. Shenvi, MD, PhD, FACEP

Myocarditis: Detecting a Subtle Killer (SU-200)

Room 207
Leah Steckler, MD

MONDAY

GOTCHA! The Medical Chart: Anticipating the Lawyer's Review (SU-201)**Room 205**
Rachel Lindor, MD, JD

5-5:25 p.m.

Toxicology Potpourri (SU-202)**Room 304**
Gillian A. Beauchamp, MD**M-V-P! M-V-P! Are You Ready for MIPS Value Pathways in 2023?** (SU-203)**Room 303**
Stephen K. Epstein, MD, MPP, FACEP**Homeward Bound: A Tale of Two Hospice Patients in Your ED** (SU-204)**Room 301**
Danya Khoujah, MBBS, MEHP**Subtle Signs of Abuse: It's Not All About Bruises** (SU-205)**Room 201**
Alisa A. McQueen, MD, FACEP**Infectious Disease****Preparedness** (SU-206)**Room 203**
John C. Perkins, Jr., MD, FACEP

MONDAY

8-8:25 a.m.

Traumatic Cardiac Injury – Confusion With Contusion (MO-207)**Room 301**
Megan Fix, MD, FACEP**Cranial Nerve Conundrums: When Is It an Emergency?** (MO-208)**Room 203**
David Zodda, MD, FACEP**Measles and Mumps and H Flu – Oh My! ED Evaluation of the Unvaccinated Child** (MO-209)**Room 205**
Timothy Horeczko, MD, MSCR, FACEP**Smorgasbord of Pediatric Seizures – Kids Shaking, Baking, and Spasming** (MO-210)**Room 304**
Amanda B. Price, MD**Is Delirium Making You Crazy? Practical Pearls To Prevent, Diagnose, and Manage the Delirious Older Patient** (MO-211)**Room 303**
Christina L. Shenvi, MD, PhD, FACEP

8-8:50 a.m.

Antidotes to Note Bloat: Make the EHR Work for You (MO-212)**Room 153**
Indira Gowda, MD**Acid Base That Actually Matters: A Case-Based Approach** (MO-213)**Room 207**
Christopher Hahn, MD**What's New in Antimicrobials in the ED** (MO-214)**Room 155**
Bryan D. Hayes, PharmD, FAACT, FASHP**My EMCert and Maintenance of Certification: Practice Advancements I** (MO-215)**Room 154**
Peter DeBlieux, MD, FACEP**Sexual Assault, IPV, and Human Trafficking: At-Risk Patients in Your ED** (MO-216)**Room 201**
Jennifer A. Newberry, MD, JD, FACEP

8-10 a.m.

Emergent Vaginal Delivery and Neonatal Resuscitation Lab (MO-217)**Room 158**
Joelle Borhart, MD, FACEP**Ultrasound-Guided Regional Anesthesia Lab** (MO-218)**Room 160**
Jennifer Carnell, MD, FACEP**10 Ultrasound Applications for Your Community ED Gig (Skills Lab)** (MO-219)**Room 157**
Arun Nagdev, MD**Pacemaker Lab** (MO-220)**Room 159**
Jared D. Novack, MD, FACEP

8:30-8:55 a.m.

ReimBERsement 301: What's Critical in Critical Care Billing? (MO-221)**Room 303**
Jenice Baker, MD, FACEP**Junky Joints: The Challenges in Diagnosing Septic Joints** (MO-222)**Room 203**
Calvin E. Hwang, MD, FACEP**Little People, Big Lawsuits** (MO-223)**Room 304**
Kurtis A. Mayz, MD, JD, MBA, FACEP**Buoyant Bellies: Sick Cirrhotic Patients in the ED** (MO-224)**Room 205**
Joseph S. Palter, MD**Penetrating Neck Injuries: Zones Are Out, CTs Are In** (MO-225)**Room 301**
Matthew S. Siket, MD, FACEP

9-9:25 a.m.

Radiology Road Rules: Tools and Rules for Imaging (MO-226)**Room 203**
Guy Carmelli, MD**How to Make Money and Grow Your Wealth** (MO-227)**Room 304**
Brian Stettler, MD, FACEP**Banded But Broken: Post Bariatric Procedure Patient in the ED** (MO-228)**Room 303**
Joseph S. Palter, MD

9-9:50 a.m.

Cruising the Literature: Pediatric Emergency Medicine 2022 (MO-229)**Room 205**
Richard M. Cantor, MD, FACEP, FAAP**Infiltrates Galore: Treating Lung Infections in 2022** (MO-230)**Room 201**
Maxwell A. Hockstein, MD, FACEP**What's Next: Five Strategies for Reinventing Your Career in Uncertain Times** (MO-231)**Room 301**
Jay A. Kaplan, MD, FACEP**Is the LP Dead?** (MO-232)**Room 153**
Roderick Fontenette, MD, FACEP;
Andrew D. Perron, MD, FACEP**Medical Errors: Prevention and Disclosure** (MO-233)**Room 154**
Catherine A. Marco, MD, FACEP**Recognizing the Top 10 Pediatric and Adult Rashes** (MO-234)**Room 207**
Alisa A. McQueen, MD, FACEP**Practice to Penitentiary: Criminal Liability in EM Practice** (MO-235)**Room 155**
Nathaniel R. Schlicher, MD, JD, MBA, FACEP



MONDAY

9:30-9:55 a.m.

Burn Management for the ED Doc – Sun to Steam (MO-236)
Room 203
Jacob R. Hennings, MD, FACEP

A Renewed Focus on Psychiatric Emergencies in Adolescent Patients in the COVID-19 World (MO-237)
Room 303
Leslie S. Zun, MD, FACEP

Acute Red Eye, Discharge or Disaster? (MO-238)
Room 304
Megan Boysen Osborn, MD, FACEP

10-10:25 a.m.

Maintenance of Certification: How I Learned to Stop Worrying and Love MOC (MO-239)
Room 154
Marianne Gausche-Hill, MD, FACEP, FAAP, FAEMS

National Practitioner Data Bank: Opening Pandora's Box (MO-240)
Room 155
Diana Nordlund, DO, JD, FACEP

Level Up Your Learners: How to Supercharge Your Teaching Skills (MO-241)
Room 304
Christina L. Shenvi, MD, PhD, FACEP

Putting Zip in Your Zoom (MO-309)
Room 153
Jessica E. Hobbs, DO, FACEP

10-10:50 a.m.

GI Impactions, Perforations, and Foreign Bodies (MO-243)
Room 201
Joyce Li, MD

What I Learned My First Year as a Director (MO-244)
Room 303
Azita Hamedani, MD, MBA, MPH, FACEP

Stump the Airway Experts, Bring Your Cases! (MO-245)
Room 205
Colin G. McCloskey, MD (Moderator) ;
Katren R. Tyler, MD, FACEP; Michael A. Gibbs, MD

Social Medicine That Matters Most in the Trenches (MO-246)
Room 203
Aimee K. Moulin, MD, FACEP

Climate Fever: Earth's Vital Signs Are Changing Emergency Medicine Practice (Nancy J. Auer Lecture) (MO-247)
Room 207
Renee N. Salas, MD

Contract Nightmares: Due Process, Force Majeure, Indemnification Clauses, and Non-Competes (MO-248)
Room 301
Rachel Lindor, MD, JD

10:30-10:55 a.m.

Seeing Soundwaves: Ocular US (MO-249)
Room 155
Jacob Avila, MD

Foot and Ankle Fractures Made Easy (MO-250)
Room 153
Matthew R. Levine, MD, FACEP

Knocked Out in 2022: Concussion Updates (MO-251)
Room 154
Andrew D. Perron, MD, FACEP

Syncope and Near Syncope – Should I Stay or Should I Go Now? (MO-252)
Room 304
Andrew Matuskowitz, MD

Lunch On Your Own
11 a.m.-12:30 p.m.

Visit the Exhibit Hall and grab a refreshment.

12:30-12:55 p.m.

Facial Trauma (MO-253)
Room 301
Matthew S. Siket, MD, FACEP

Crisis Standard of Care: Ethical and Legal Implications of Crisis Care (MO-255)
Room 153
Catherine A. Marco, MD, FACEP;
Nathaniel R. Schlicher, MD, JD, MBA, FACEP

Stop Asking ... What Do You Mean Dizzy? (MO-256)
Room 155
David Zodda, MD, FACEP

Post-Tonsillectomy and Other HEENT Hemorrhage: This Is Gonna Be a Bloody Nightmare (MO-257)
Room 154
Megan Boysen Osborn, MD, FACEP

Tox Literature Review (MO-258)
Room 303
David Vearrier, MD

12:30-1:20 p.m.

From Rags to Riches: Personal Finance for the Early Career EP (MO-259)
Room 201
Brian Stettler, MD, FACEP

Pediatric Trauma Pearls and Pitfalls (MO-260)
Room 207
Marianne Gausche-Hill, MD, FACEP, FAAP, FAEMS

MyEMCert and Maintenance of Certification: Practice Advancements II (MO-261)
Room 205
Jeremy Lacocque, DO

Medical Mimics: Medical Causes of Psychiatric Symptoms (MO-262)
Room 203
Danya Khoujah, MBBS, MEHP

12:30-2:30 p.m.

Emergent Vaginal Delivery and Neonatal Resuscitation Lab (MO-264)
Room 158
Joelle Borhart, MD, FACEP

Ultrasound-Guided Regional Anesthesia Lab (MO-265)
Room 160
Jennifer Carnell, MD, FACEP

10 Ultrasound Applications for Your Community ED Gig (Skills Lab) (MO-266)
Room 157
Arun Nagdev, MD

Pacemaker Lab (MO-267)
Room 159
Jared D. Novack, MD, FACEP

1-1:25 p.m.

Glands Gone Bad! Endocrine and Metabolic Emergencies (MO-268)
Room 154
Christopher Hahn, MD

OB, Ohh No: The Critically Ill Pregnant Patient (MO-269)
Room 153
Carrie E. Harvey, MD

Black Box Drugs We Use: What's the Risk? (MO-270)
Room 304
Bryan D. Hayes, PharmD, FAACT, FASHP

Picking a HOLE New Approach to Epistaxis (MO-271)**Room 303**

Joan Noelker, MD, FACEP

Homeward Bound-Rashes in Travel and COVID (MO-272)**Room 155**

Emily A. Rose, MD, FACEP, FAAP

1:30-2:20 p.m.**General Session** (MO-273)**Room 207**

Diane M. Birnbaumer, MD, FACEP

Break 2:30-3:30 p.m.

Visit the Exhibit Hall and grab a refreshment.

3-3:55 p.m.**Become a Star at Your Deposition: An Insider's Guide** (MO-275)**Room 154**

Nathaniel R. Schlicher, MD, JD, MBA, FACEP

3:30-3:55 p.m.**Join the Revolution: Why STEMI is an Outdated Term, the Occlusion MI Manifesto** (MO-276)**Room 155**

Susanne DeMeester, MD, FACEP

The Future of Concussion Management (MO-277)**Room 303**

Calvin E. Hwang, MD, FACEP

Mandatory MRIs: When Is it Really Needed? (MO-278)**Room 301**

Kevin M. King, MD, FACEP

Should I Stay or Should I Go? TIA Management in the Emergency Department Setting (MO-279)**Room 304**

David Zodda, MD, FACEP

3:30-4:20 p.m.**A Helping Hand** (MO-280)**Room 153**

Matthew R. Levine, MD, FACEP

Whole Lotta Shakin' Goin' On: Update on Seizure and Status Management (MO-281)**Room 207**

Roderick Fontenette, MD, FACEP

Managing Dental Emergencies Like a Pro (MO-282)**Room 205**

Elizabeth P. D. Pontius, MD, FACEP

3:30-5:20 p.m.**The Perfect Code – Seeing and Believing** (MO-284)**Room 203**

Benjamin Smith, MD, FACEP (Moderator); Sean Kivlehan, MD, MPH; Alisha Wray, MD, FACEP

3:30-5:30 p.m.**Emergent Vaginal Delivery and Neonatal Resuscitation Lab** (MO-285)**Room 158**

Joelle Borhart, MD, FACEP

Ultrasound-Guided Regional Anesthesia Lab (MO-286)**Room 160**

Jennifer Carnell, MD, FACEP

10 Ultrasound Applications for Your Community ED Gig (Skills Lab) (MO-287)**Room 157**

Arun Nagdev, MD

Pacemaker Lab (MO-288)**Room 159**

Jared D. Novack, MD, FACEP

4-4:25 p.m.**Acute Limb Ischemia: Red, White, or Blue – What to Do?** (MO-289)**Room 155**

Leen Alblaihed, MD, MBBS, MHA, FACEP

Bringing Critical Care to the Streets: Prehospital ECMO, TEE, and More (MO-308)**Room 303**

Darren Braude, MD, MPH, Paramedic

The Nerve! Ultrasound Guided Lower Extremity Nerve Blocks

(MO-290)

Room 201

Jacob Avila, MD

Electrical Injuries (MO-291)**Room 304**

Navneet Cheema, MD

What Do You Mean Dizzy?

(MO-293)

Room 301

Emily A. Rose, MD, FACEP, FAAP

4:30-4:55 p.m.**Top 5 Mistakes to Avoid as a Leader** (MO-294)**Room 301**

Azita Hamedani, MD, MBA, MPH, FACEP

Beating the Blues: Rescue Strategies for Hypoxia in the ED (MO-295)**Room 303**

Maxwell A. Hockstein, MD, FACEP

Top 5 Legal Risks in Five Minutes or Less (MO-296)**Room 201**

Kurtis A. Mayz, MD, JD, MBA, FACEP

Spinal Pathology: Striking the Right "Cord" With Your Diagnostic Skills (MO-297)**Room 304**

Andrew D. Perron, MD, FACEP

Psych – All the Voices You NEED to Hear (MO-298)**Room 205**

Leslie S. Zun, MD, FACEP

4:30-5:20 p.m.**MyEMCert and Maintenance of Certification: Practice Advancements III** (MO-299)**Room 154**

Jeremy Lacocque, DO

Should Your ED Become a Geriatric ED? How and Why Geriatric ED Accreditation Is a Good Idea for Your Hospital, Your ED, and Your Patients (MO-300)**Room 155**

Christina L. Shenvi, MD, PhD, FACEP

The Expected Difficult Airway: From Micrognathia to Morbid Obesity (MO-301)**Room 207**

Colin G. McCloskey, MD

ECG Squid Games (MO-302)**Room 153**

William Brady, MD, FACEP

5-5:25 p.m.**Evaluating A Joint** (MO-303)**Room 201**

Abdulkareem Agunbiade, MD

Pediatric Rashes You Need to Know (MO-304)**Room 303**

Andrea Fang, MD

Management of the Drowned Patient (MO-305)**Room 301**

Christian A. Tomaszewski, MD, MS, MBA, FACEP

Shaken Not Stirred: Alcohol Withdrawal (MO-306)**Room 205**

Shannon L. Toohey, MD, FACEP

Heavy Metals – Lead, Arsenic, and Mercury (MO-307)**Room 304**

David Vearrier, MD



TUESDAY

8-8:25 a.m.

The Death Rash: Lethal Rashes You Can't Miss (TU-308)

Room 203
Andrea Fang, MD

Bones, Beads, and Beans: ENT Foreign Bodies (TU-309)

Room 303
Robert M. Hughes, DO

Plight of the Pelvic Exam: Can it Really Be Dismissed? (TU-310)

Room 304
Sara L. Manning, MD, FACEP

Use or Abuse? Pediatric Fractures and Their Causes (TU-311)

Room 201
Luz M. Silverio, MD, FACEP

Been There, but Hope to Never Do That Again: Averting Common Airway Errors (TU-312)

Room 301
Nikita Joshi, MD

8-8:50 a.m.

Undifferentiated Shock: Making a Difference (TU-313)

Room 205
Sara E. Crager, MD

Ventilator Management: Where's the Easy Button? (TU-314)

Room 207
Maxwell A. Hockstein, MD, FACEP

Fatal Imaging Myths That Will Change Your Practice (TU-315)

Room 154
Kevin M. King, MD, FACEP

Emerging Trends: Cases in Poisoning Management (TU-316)

Room 153
Darryl J. Macias MD, FACEP, FAWM, DiMM

The Dark Sides of Social Media: How to Deal with Trolling and Harassment (TU-317)

Room 155
Matthew D. Zuckerman, MD, FACEP

8:30-8:55 a.m.

Air Hungry: Differentiating Dyspnea in the ED (TU-318)

Room 203
Christopher Colbert, DO, FACEP

Resuscitation That Kills: Right Heart Resuscitation (TU-319)

Room 201
Amado A. Baez, MD, MSc, MPH, PhD, FACEP

Decoding Devices From Door to Dispo (TU-320)

Room 301
Indira Gowda, MD

Painless Vision Loss/ Atraumatic Vision Loss (TU-321)

Room 303
Elizabeth P. D. Pontius, MD, FACEP

Who Ate the 'Shrooms: Poisonous Plants and Fungi (TU-322)

Room 304
Christian A. Tomaszewski, MD, MS, MBA, FACEP

9- 9:25 a.m.

Neurocritical Care: Resuscitating the Brain (TU-332)

Room 153
Debbie Madhok, MD

Peds Poison – Our Biggest Fear (TU-323)

Room 304
Navneet Cheema, MD

EKGs of Syncope You Just Can't Miss "Don't Fall for This" (TU-324)

Room 203
Susanne DeMeester, MD, FACEP

DKA and HHS: The Sweetest High-Yield Pearls and Pitfalls (TU-325)

Room 205
Adeola A. Kososko, MD, FACEP

Injury Prevention in Trauma (TU-326)

Room 303
W. Gannon Sungar, DO

Common Cancer Conundrums and Five "Can't Miss" Oncologic Emergencies (TU-327)

Room 301
Marcee E. Wilder, MD

9-9:50 a.m.

Orthopedic Radiographic Diagnosis Not to Miss (TU-328)

Room 154
Tina Choudhri, MD, FACEP

Dying With Dignity: Incorporating Palliative Care Into Your Practice (TU-329)

Room 201
Carrie E. Harvey, MD

Top 10 Antibiotic Mistakes in the ED (TU-330)

Room 207
Bryan D. Hayes, PharmD, FAACP, FASHP

Secrets of the Chest Imaging Masters (TU-331)

Room 155
Danielle D. Campagne, MD, FACEP

9:30-9:55 a.m.

Keeping it Simple: Pearls and Pitfalls in Emergency Care of Medically Complex Children (TU-333)

Room 205
Camilo Gutierrez, MD, FACEP

Is There a Doctor On Board? Medical Emergencies at 28,000 feet (TU-334)

Room 203
Amy Ho, MD

End of the Line: The Future of Central Lines in the ED (TU-335)

Room 301
Mark Ramzy, DO

A Dizzying Differential: Unraveling the Mystery of Posterior Strokes (TU-336)

Room 153
Rachel E. Garvin, MD

Practical Tips in Geriatric Pharmacology (TU-337)

Room 303
David Wang, MD

Trauma: Numbers You Gotta Know (TU-338)

Room 304
Charlotte P. Wills, MD

10-10:25 a.m.

Scary Baby Bellies (TU-339)

Room 203
Adeola A. Kososko, MD, FACEP

How to Sleep Soundly After Discharging Suicidal Patients From Your ED (TU-340)

Room 301
Aimee K. Moulin, MD, FACEP

Infections in Small Places: Managing Mastoiditis, Orbital Cellulitis, and Neck Abscesses (TU-341)

Room 303
Joan Noelker, MD, FACEP

Newborn Resuscitation: Born But Not Breathing (TU-342)

Room 304
Dina Wallin, MD, FACEP

Traumacology: Drugs for the Trauma Bay (TU-343)

Room 205
Kyle Weant, PharmD, BCPS, BCCCP, FCCP

"I Was Just Choked": Non-Fatal Strangulation (TU-344)

Room 155
Jodi G. Wieters, MD

TUESDAY

10-10:50 a.m.

Dx: Medical Racism – What’s the Treatment? (TU-345)
Room 153
 Jenice Baker, MD, FACEP

Starting Public Health Interventions in your ED – A Panel by the ACEP Public Health Committee (TU-346)
Room 154
 Paula Jo Whiteman, MD, FACEP (Moderator); Carolyn Joy Sachs, MD, MPH, FACEP; Rosemarie Bustos Diaz, MD

Unrest in America: Prehospital and Emergency Department Preparedness and Response (TU-347)
Room 207
 James Phillips, MD, FACEP

10:30-10:55 a.m.

How to Succeed in Your First Five Years of Practice (TU-348)
Room 155
 Abdulkareem Agunbiade, MD

Adjust Your Approach: Adjust the D-Dimer! (TU-349)
Room 203
 Christopher Colbert, DO, FACEP

Noisy Breathing in Kids: From Boogers to Badness (TU-350)
Room 205
 Camilo Gutierrez, MD, FACEP

Man Versus Machine: ECMO, REBOA, and Beyond in the ED (TU-351)
Room 304
 Amado A. Baez, MD, MSc, MPH, PhD, FACEP

New Updates in Wound Care: What’s Best? (TU-352)
Room 301
 Gil Shlamovitz, MD, FACEP

What’s New in the Neighborhood – Current Trends and Issues in Recreational Drug Use (TU-353)
Room 303
 Gary W. Tamkin, MD, FACEP

Stop the Bleeding: New Technologies for Hemorrhage Control (TU-354)
Room 201
 Marcee E. Wilder, MD

11-11:25 a.m.

How to Give a Killer Talk (TU-355)
Room 154
 Peter DeBlieux, MD, FACEP

Peripartum Emergencies: Are You Prepared? (TU-356)
Room 303
 Lucienne Lutfy-Clayton, MD, FACEP

Resuscitative Hysterotomy: Why, When, and How (TU-357)
Room 304
 Sara L. Manning, MD, FACEP

Nightmare ENT Emergencies: Sore Throats That Can Kill (TU-358)
Room 155
 Elizabeth P. D. Pontius, MD, FACEP

Learn more at the ACEP Bookstore Booth #3219

ACEP ONLINE LEARNING COLLABORATIVE

acep.org/OLC

DON'T LET 2021 SLIP BY
 GET YOUR CME EDUCATION NEEDS TODAY

- New, redesigned platform for on-demand education
- Optimized for mobile
- Easy to find related content to meet your needs
- CME credits you can earn as you learn
- New courses added each month



The American College of Emergency Physicians is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Addiction
Pain & Pain Management
Airway Management
Professional Skills
Wellness
Management
Procedures & Skills
Imaging
Trauma
Technology
Autoimmune
Genetic Disorders
Infectious Disease
Pediatrics
Cardiovascular
Specialties
Stroke
Geriatrics
Palliative Care
Orthopedics
Pulmonary
Toxicology
Sex & Gender



TUESDAY

Hypertensive Emergencies: Drugs, Drips, and Drops (TU-359)

Room 201

Philip H. Shayne, MD, FACEP

OTC Poisons (TU-360)

Room 301

Christian A. Tomaszewski, MD, MS, MBA, FACEP

Deadly Dialysis: A Review of Dialysis Complications and Their Initial Management (TU-361)

Room 203

Shannon L. Toohy, MD, FACEP

11-11:50 a.m.

Under Pressure! Utilizing IV Pressors in the ED (TU-362)

Room 205

Sara E. Crager, MD

SANE Teams – Forming and Fostering Team Relationships When Caring for Victims of Sexual Assault (TU-363)

Room 153

Jessica E. Hobbs, DO, FACEP

High-Risk Cases in EM (TU-364)

Room 207

Jennifer A. Newberry, MD, JD, FACEP

11:30-11:55 a.m.

Get Them Out of My ER – How to Choose Appropriate Patient Transport Methods (TU-365)

Room 203

Shira A. Schlesinger, MD, MPH, FACEP

#InsuranceFail: Surprise Billing Update 2022 (TU-366)

Room 154

Adam Krushinskie, MPA

Trauma STAT! Fluids, Factors, and Alternatives to Blood! (TU-367)

Room 201

Charlotte P. Wills, MD

Malpractice Cases Related to Psychiatric Patients (TU-368)

Room 301

Kurtis A. Mayz, MD, JD, MBA, FACEP

Downtime Disasters: Cyber Disasters in the ED (TU-369)

Room 155

Matthew D. Zuckerman, MD, FACEP

Paranoid to Paralyze: How to Safely Perform Awake Intubations (TU-370)

Room 303

Nikita Joshi, MD

11:30 a.m.-12:20 p.m.

Fixing Faces Painlessly: Facial Anesthesia, Regional Blocks (TU-371)

Room 304

Joan Noelker, MD, FACEP

Noon-12:25 p.m.

Go LOW Tech: Interactive Low Tech Teaching Strategies (TU-372)

Room 155

Al'ai Alvarez, MD, FACEP

Breaking VAD: When a Broken Heart Fails (TU-373)

Room 153

Cameron K. Berg, MD, FACEP

Harm Reduction – If You Can't Quit, at Least Be Safer (TU-374)

Room 205

Amy Ho, MD

Managing Risk in the Emergency Department: Lessons Learned From Tactical Emergency Medicine (TU-375)

Room 201

Gary W. Tamkin, MD, FACEP

Abscess Management: Incise Smarter (TU-376)

Room 207

Taryn Taylor, MD, FACEP

Challenging Pediatric Behavioral Emergencies (TU-377)

Room 154

Dina Wallin, MD, FACEP

Stroke Chameleons: Neuro Findings You Can't Miss (TU-378)

Room 203

Nida F. Degesys, MD, FACEP

12:30-12:55 p.m.

Belonging: The Intersection of Diversity, Equity, and Inclusion and Physician Well-Being (TU-380)

Room 153

Al'ai Alvarez, MD, FACEP

How To Get a Job – Employment in the New Normal (TU-381)

Room 155

Brian Stettler MD, FACEP

Too Hot to Handle! Resuscitation and Management of the Critical Burn Patient (TU-382)

Room 207

Robert M. Hughes, DO

Imaging Overtesting and Overuse: Just How Dangerous Is It? (TU-383)

Room 201

Kevin M. King, MD, FACEP

No Room for Error: Abdominal Pain in Pregnancy (TU-384)

Room 203

Luz M. Silverio, MD, FACEP

Resist the EASY Button: Avoiding the "Pan-Scan" (TU-385)

Room 205

W. Gannon Sungar, DO

Demystifying Neurological Technology – Shunts, Pumps, and Stimulators (TU-386)

Room 154

Wan-Tsu W. Chang, MD





Notes From ACEP22 Education Sessions





ACEP4U | Career Fulfillment

As part of ACEP's new strategic plan launched in April 2022, the College committed to prioritizing your job satisfaction by addressing the challenges that make it harder to enjoy your work.

One of the ways ACEP supports you is by developing and curating resources for professional advancement and life balance. We have a variety of onsite opportunities at ACEP22, including the EMRA Job & Fellowship Fair (see page 8), affinity partners in the Exhibit Hall and several sessions addressing personal finance and career-minded topics (see page 68).

In addition to our onsite activities, ACEP's online Career Center continues to grow its library of resources. From residency to retirement, and everything in between, you'll find what you need at acep.org/careers.





Tackling Job Frustrations So You Can Focus on the Good Stuff

The Career Fulfillment pillar of ACEP's new strategic plan ([acep.org/strategicplan](https://www.acep.org/strategicplan)) lays out key strategies for the next 3-5 years.

1

Develop and implement an ongoing system for identifying and addressing the issues that hinder wellness and career satisfaction for EPs.

2

Aggressively solve challenges and support well workplaces for all EPs using evidence-driven tactics.

3

Provide tools and resources members can use to advocate for themselves and implement these action plans locally.

4

Create and communicate a map to educate and assist EPs in finding career fulfilling opportunities based on different interests or at different life stages.



Protecting the Workforce

ACEP has been building a better future for emergency physicians by pushing forward on workforce initiatives. Visit acep.org/workforce for ongoing updates, and make plans to attend the James D. Mills Lecture at 10 a.m. on Sunday, Oct. 2, which will focus on the future of the EM workforce.

Find Your Next Career

Job searching for ACEP members has never been easier thanks to our exclusive partnership with [emCareers.org](https://emcareers.org). Not only do members get access to a job board filled with hundreds of career opportunities, you also can get a CV review with leaders in emergency medicine and set up job-alerts to help find your dream position. Don't forget about the EMRA Job and Fellowship Fair, open to job seekers at all stages of their careers, at 5-6:30 p.m. Saturday, Oct. 1, in MCC, Exhibition Level, Hall D.

Catch Up on Salary Trends

Every fall, *ACEP Now* provides a Compensation & Salary Report highlighting emergency medicine compensation reports that analyze trends by state, region, setting, and other variables. You can read this report in the latest *ACEP Now* issue. Look for copies in the Exhibit Hall, or find the complete archive at acep.org/salary-resources.

Increasing Employer Transparency

ACEP has always supported your right to make your own employment decisions based on your personal circumstances. In order to help you feel more informed about potential employers, ACEP developed employer profiles (acep.org/employerprofiles) to increase transparency. Employers were asked to fill out questionnaires about their adherence to ACEP's relevant policies, and those responses were used to build an

employer profile database. You can filter by numbers of contracts, governance style, contract owner, staffing model, and more.

Negotiate Successfully

From a checklist to common red flags, and everything in between, we've got you covered when it comes to the ins and outs of contract negotiation. Find these resources at acep.com/careers. Plus, turn to p. 68 for some ACEP22 courses focused on building your negotiating skills.

Build Your Network

Connect with other experts in the diverse areas of emergency medicine and find your niche! With 40 membership sections, you're bound to find like-minded emergency physicians for collaboration and career advancement opportunities. Help cultivate ideas and develop programs to improve the care of emergency patients worldwide. Visit acep.org/sections to learn more.

Fortify Your Finances

We have a variety of information available in the ACEP Career Center to better assist your financial planning. Whether you have questions regarding student loans, investing, or retirement planning, you'll find helpful resources from leading experts at acep.org/careers. While you're here in San Francisco, turn to p. 76 for a list of courses you can attend related to financial management.

Member Discounts

As an ACEP member, you have access to a variety of discounts from companies who want to support you both in and out of the emergency department. Save on travel, student loans, insurance, wellness, and so much more. Start benefiting today at acep.org/memberbenefits.



Courses to Elevate Your Career

Take some time this week to invest in yourself – your career path, your business acumen, even your personal finances. ACEP22 is an opportunity to pause, pull back, and think big picture about your personal goals. You have exciting plans, and we want to help you get there.



Business of Emergency Medicine

Circle these opportunities to learn more about the business of emergency medicine. Feel empowered by hearing the latest perspectives on scope of practice, contract negotiations, surprise billing, workforce, reimbursement, and compensation.

EMTALA From the Trenches

8:30-8:55 a.m. | Saturday, Oct. 1

Location: MCC, Room 153

Faculty: Diana Nordlund, DO, JD, FACEP

Not so interested in the fine letter of the law, but vaguely aware of a federal law that applies every time you go to work? Be on a need-to-know basis with EMTALA and learn just enough to keep from being suspended, fined, or fired. This short session is designed to answer your real-life questions about EMTALA and what to do at the EMS radio at 3 a.m.

Locums: Where Are We Now?

8:30-8:55 a.m. | Saturday, Oct. 1

Location: MCC, Room 154

Faculty: Tracy G. Sanson, MD, FACEP

Travel, flexibility, and amazing income. Is locums work really an option for employment? Explore the history of locums work and get a glimpse into the future of EM practice. Attend this session to demystify the ads and learn if a career in locums is right for you.

How to Evaluate a New Job and Negotiate the Contract

12:30-12:55 p.m. | Saturday, Oct. 1

Location: MCC, Room 153

Faculty: Michael A. Gisondi, MD, FACEP; Maria E. Moreira, MD, FACEP

From community to academic, ED jobs and contracts are as varied as our clinical sites. What should new grads and veterans alike look out for when evaluating job offers, and what are effective negotiating strategies?

Pandemic Silver Lining: New Policies Enacted During the Pandemic That Should Stay (Colin C. Rorrie, Jr. Lecture)

12:30-1:20 p.m. | Saturday, Oct. 1

Location: MCC, Room 207

Faculty: Michael A. Granovsky, MD, FACEP

The COVID pandemic had far-reaching effects on a wide variety of health policy, from reimbursement to regulatory guidelines to licensure. We review several aspects of policies enacted during the last two years that had a positive effect on emergency medicine practice, including reimbursement, telemedicine, metrics and guidelines, and much needed improvements to medical staff credentialing and interstate medical licensure agreements.

RVU Killers: 2023 Brand New ED Documentation

Guidelines – Avoid Mistakes and Maximize Opportunities

4:30-5:20 p.m. | Saturday, Oct. 1

Location: MCC, Room 154

Faculty: Michael A. Granovsky, MD, FACEP

The devil we knew, the 1995 Documentation Guidelines, are being retired. No more four HPI and 10 review of systems. In fact, the history and exam likely won't contribute to scoring your record. A brand-new medical decision-making process will be in place starting Jan. 1, 2023, that will determine 90% of ED RVUs and reimbursement.

ReimbERsement 101: What You Don't Know CAN Hurt You

8-8:25 a.m. | Sunday, Oct. 2

Location: MCC, Room 304

Faculty: Michael A. Granovsky, MD, FACEP

Attend this course to discover the latest and greatest in reimbursement challenges and solutions from an expert. MIPS, QCDRs, alternative payments models, insurance denials, and more reimbursement opportunities will be covered via a fast-paced introduction and solution review.

Liability Concerns and Controversies Working With Non-Physician Providers

8:30-8:55 a.m. | Sunday, Oct. 2

Location: MCC, Room 304

Faculty: Diana Nordlund, DO, JD, FACEP

Non-physician provider (NPP) supervision and incurred liability is a frequent concern expressed by ACEP physicians. A physician-attorney and non-physician provider will co-present with an experienced non-physician provider to address NPP training, supervising physician liability, and independent practice.



Report Your MIPS or Your Paycheck Dips: Emergency Physician Compensation Update 2022

9-9:25 a.m. | Sunday, Oct. 2

Location: MCC, Room 303

Faculty: Stephen K. Epstein, MD, MPP, FACEP

Physicians caring for America's 60 million Medicare patients are receiving payments based on quality of care over quantity of care via CMS's Quality Payment Program. The speaker will review MIPS, the value-based payment modifier, reporting options including CEDAR, recent Quality Payment Program updates, and the expectation for your bottom line.

The Emergency Medicine Workforce (James D. Mills Lecture)

10-10:50 a.m. | Sunday, Oct. 2

Location: MCC, Room 207

Faculty: Catherine Anna Marco, MD, FACEP

The ACEP Workforce study has presented challenges to the profession in its modeling of EM practice and predictions over the next 10 years. A member of the ACEP Board will present updated activity and information on this most critical of specialty issues.

Reimbursement 201: Procedural RVUs That You Are Missing

1:30-1:55 p.m. | Sunday, Oct. 2

Location: MCC, Room 304

Faculty: Michael A. Granovsky, MD, FACEP

Procedures are bread and butter for emergency physicians, but the RVU reimbursement can vary widely with subtle differences

in documentation. The speaker will review the nuances of procedural documentation to maximize reimbursement for procedures that you are already doing.

M-V-P! M-V-P! Are You Ready for MIPS Value Pathways in 2023?

5-5:25 p.m. | Sunday, Oct. 2

Location: MCC, Room 303

Faculty: Stephen K. Epstein, MD, MPP, FACEP

Just when you thought maybe you were getting the hang of MIPS reporting and documentation, CMS has announced MIPS Value Pathways, or MVP. ACEP submitted an emergency medicine-specific pathway to CMS that will be an option in 2023 for emergency physicians. The speaker will review the details of this new pathway and how to prepare for its implementation in 2023.

What's Next: 5 Strategies for Reinventing Your Career in Uncertain Times

9-9:50 a.m. | Monday, Oct. 3

Location: MCC, Room 301

Faculty: Jay A. Kaplan, MD, FACEP

We often discuss the concept of burnout within the ever-changing landscape of emergency medicine, including decreased reimbursement, physician compensation, and job opportunities, as well as increased requirements, regulations, and litigation potential. In this maelstrom, many EM physicians may look toward non-traditional paths to supplement or supplant their careers. Should you obtain a new degree or



certification? What administrative roles are available? What do you need to know about developing new products? What other jobs can best use the unique skillset we provide while maintaining job satisfaction? The speaker will explore options for EM physicians wishing to transition into non-traditional work settings and channel their passion and hobbies into career success.

Contract Nightmares: Due Process, Force Majeure, Indemnification Clauses, and Non-Competes

10-10:50 a.m. | Monday, Oct. 3

Location: MCC, Room 301

Faculty: Rachel Lindor, MD, JD

Every major EM organization signed a letter to CMS demanding physician due process rights. Does your current contract force you to waive your due process rights? Did you agree to provide reimbursement to your employer whose negligence may have contributed to your patient's injuries by signing an indemnification clause? Can you work for the across-town competitor ED or are you bound by a non-compete clause?

#InsuranceFail: Surprise Billing Update 2022

11:30-11:55 a.m. | Tuesday, Oct. 4

Location: MCC, Room 154

Faculty: Adam Krushinski, MPA

The issues surrounding the out-of-network/balance billing debates have engulfed clinicians, politicians, and consumers from DC to Olympia. The increasingly narrow networks offered by the fewer and fewer health plans have decreased patient access and increased patient cost-sharing while increasing insurance company profits. The discussion will highlight existing state out-of-network billing legislation and an update on pending or enacted federal legislation.

How To Get a Job – Employment in the New Normal

12:30-12:55 p.m. | Tuesday, Oct. 4

Location: MCC, Room 155

Faculty: Brian Stettler, MD, FACEP

It's a different job market for emergency physicians than it was even a few years ago. Opportunities exist though for the new graduate, those changing careers, those in academics or the community, and even locums. How to go about getting a job in these settings, marketing yourself, and staying sane through the hiring process will be discussed.



Equity and Inclusion

ACEP is committed to making our organization and our specialty more diverse, more equitable, and more complete.

Working as a Female in the ED: Coffee House Chat

12:30-1:20 p.m. | Saturday, Oct. 1

Location: MCC, Room 203

Moderator: Diane M. Birnbaumer, MD, FACEP

Faculty: Arlene Chung, MD, FACEP; Starr Knight, MD;

Vonzella A. Bryant, MD, FACEP

A perspective on working as a female in the emergency department.

Diversity, Equity, and Inclusion: The Patient, Trainee, and Leadership Perspective (Leon L. Haley, Jr. Lecture)

4-4:25 p.m. | Saturday, Oct. 1

Location: MCC, Room 207

Faculty: Vonzella A. Bryant, MD, FACEP

Discussion about diversity in emergency medicine has been happening for years. What progress have we made? What improvements in outcomes does it bring? What techniques can improve diversity of EM physicians at your workplace? Come hear the answers to these vitally important questions to help our workforce better represent our patient populations.

Unlearning Implicit Bias

10:30-10:55 p.m. | Sunday, Oct. 2

Location: MCC, Room 304

Faculty: Bernard Luis Lopez, MD, FACEP

Implicit bias is real and may be affecting our teaching and mentoring more dramatically than we realize. This course will teach learners to identify implicit bias and will provide techniques to unlearn these behaviors. Ultimately, this will improve teaching and mentoring of all learners.

Social Medicine That Matters Most in the Trenches

10-10:50 a.m. | Monday, Oct. 3

Location: MCC, Room 203

Faculty: Aimee K. Moulin, MD, FACEP

Although designed for medical emergencies, EDs have become a common place where patients seek help for various problems. EDs thus care for patients who present for not only heart attacks and strokes but also a variety of social ills, such as homelessness,



poverty, and hunger. It is estimated that only 20% of a patient's health is shaped by medical care whereas social and economic factors account for 40% of health outcomes, highlighting the importance of concurrent medical and social interventions to advance patient health outcomes. The latest innovations in addressing the social determinants of health will be discussed to illustrate the options available within their departments.

Starting Public Health Interventions in Your ED – A Panel by the ACEP Public Health Committee

10-10:50 a.m. | Tuesday, Oct. 4

Location: MCC, Room 154

Faculty: Paula Jo Whiteman, MD, FACEP; Carolyn Joy Sachs, MD, MPH, FACEP; Ralph James Riviello, MD, MS, FACEP

Public health interventions such as opiate treatment programs or food pantries can simplify encounters for physicians while better serving the needs of our patients. This panel from the ACEP Public Health and Injury Prevention Subcommittee will demystify the process of launching your own program in the ED and provide tangible examples of interventions.

Belonging: The Intersection of Diversity, Equity, and Inclusion, and Physician Well-Being

12:30-12:55 p.m. | Tuesday, Oct. 4

Location: MCC, Room 153

Faculty: Al'ai Alvarez, MD, FACEP

Diversity is key to the success of medicine, yet despite efforts, trends have not been reassuring. Underrepresented in medicine encounter barriers such as imposter syndrome, microaggression, and implicit bias. Developing infrastructure addressing these barriers promote resilience and inclusivity. Belonging is critical in efforts to advance equity and inclusion.



Leadership and Mentoring

In and out of the emergency department, developing your leadership skills is a worthwhile investment. Make time for these courses devoted to staff management, mentoring, and more.

The HR Nightmare: Managing Difficult Staff

1-1:25 p.m. | Saturday, Oct. 1

Location: MCC, Room 304

Faculty: Peter Viccellio, MD, FACEP

Does the old adage of 10% of your people take up 90% of your time apply to you? Leadership roles can be challenging and may not be exactly what you thought you were getting into when taking on the role. Leave this talk with tools to gain back some of your leadership time.

Emotional Intelligence and Mindful Listening

10-10:50 a.m. | Sunday, Oct. 2

Location: MCC, Room 301

Faculty: Jay A. Kaplan, MD, FACEP

Emotional intelligence (EI) has been touted as a more powerful determinant of good leadership than technical competence, IQ, or vision; and it's composed of skills we can all learn and improve on. The speaker will provide practical advice and tips to help you determine your EI strengths and weaknesses, deal with difficult people, and demonstrate EI in the workplace. In addition, the speaker will discuss how mindful listening keeps team members more engaged, fosters new ideas, and allows others to learn and grow.

But I Didn't Say Anything: Effective Skills for Non-Verbal Communication

1-1:25 p.m. | Sunday, Oct. 2

Location: MCC, Room 154

Faculty: Robert W. Strauss, MD, FACEP

We all know that when we interact with others, the majority of our communication comes through as non-verbal. Come learn the tricks to effective non-verbal communication and improve your relationships with patients, colleagues, and even family and friends.



How to Be an Effective Mentor

4:30-4:55 p.m. | Sunday, Oct. 2

Location: MCC, Room 301

Faculty: Arlene Chung, MD, FACEP

Great mentoring is often the key to a person's career success. But what is great mentoring? How can we be effective mentors? How can we be great mentees? During this session, a mentoring expert will describe how to be an effective mentor and mentee today.

What I Learned My First Year as a Director

10-10:50 a.m. | Monday, Oct. 3

Location: MCC, Room 303

Faculty: Azita Hamedani, MD, MBA, MPH, FACEP

Describe transitions in leadership and lessons learned. Tips and tricks for success for this leadership role will be discussed.

Top 5 Mistakes to Avoid as a Leader

4:30-4:55 p.m. | Monday, Oct. 3

Location: MCC, Room 301

Faculty: Azita Hamedani, MD, MBA, MPH, FACEP

Learn from the mistakes of others. Avoid the pitfalls of those in leadership roles. Take your role to a new level and review strategies on how to mitigate any damage already done.



Liability Lessons

Being an emergency physician comes with liability risks, but you can feel more empowered by educating yourself about common medicolegal issues. ACEP22 offers a broad selection of courses to help you protect your career by learning how to limit your legal risks.

Expert Witness in an Hour Workshop: Protect Yourself and Advocate for the Underserved

12:30-1:30 p.m. | Sunday, Oct. 2

Location: MCC, Room 151

Faculty: Charles A. Pilcher, MD, FACEP; William Weber, MD, MPH

Harness your medical knowledge to learn the basics of expert witness work. This interactive seminar will cover the basics of legal writing and "standard of care" through practice cases led by a team of physicians and an attorney. Legal writing helps strengthen your own documentation and opens up opportunities for extra income and medical advocacy.

Informed Consent: Sign Here ... See You in Court

2-2:25 p.m. | Sunday, Oct. 2

Location: MCC, Room 301

Faculty: Rachel Lindor, MD, JD

With the continued rise of patient autonomy comes increasing risk to EPs of dual-pronged lawsuits alleging medical malpractice AND lack of informed consent. An MD/JD will use cases to illustrate numerous barriers to the informed consent process in emergency department patients. Who can provide consent? Is a written form required? Is the physician obligated to discuss his/her competence? When isn't informed consent required? How do courts evaluate claims of inadequate informed consent?

GOTCHA! The Medical Chart: Anticipating the Lawyer's Review

4:30-5:20 p.m. | Sunday, Oct. 2

Location: MCC, Room 205

Faculty: Rachel Lindor, MD, JD

During this interactive course, the speaker will review emergency medicine charts and discuss how wording factors into lawsuits. You will learn how specific charting can help avoid getting sued and/or win the case if there is litigation.

**Little People, Big Lawsuits****8:30-8:55 a.m. | Monday, Oct. 3****Location: MCC, Room 304****Faculty: Kurtis A. Mayz, MD, JD, MBA, FACEP**

Eighteen years ... kid has got you for 18 years! The pediatric-emergency medicine physician attorney speaker will identify high-risk areas of medical malpractice unique to pediatric patients, discuss liability linked to the use of consultants, and address duty to warn differences specific to our pediatric patient population.

Practice to Penitentiary: Criminal Liability in EM Practice**9-9:50 a.m. | Monday, Oct. 3****Location: MCC, Room 155****Faculty: Nathaniel R. Schlicher, MD, JD, MBA, FACEP**

Providers are coming under increasing threats of criminal reproductions for their actions in the care of their patients. A case-based exploration of current issues in criminal liability in opiate prescribing, liability for assault in the care of psychiatric patients, and negligent homicide in the place of medical malpractice.

Medical Errors: Prevention and Disclosure**9-9:50 a.m. | Monday, Oct. 3****Location: MCC, Room 154****Faculty: Catherine Anna Marco, MD, FACEP**

Medical errors are considered a nearly inevitable issue in clinical practice. How common are medical errors? Should they be disclosed to patients and families? What are the best risk management strategies to address medical errors? These and other issues will be addressed in this session.

National Practitioner Data Bank: Opening Pandora's Box**10-10:25 a.m. | Monday, Oct. 3****Location: MCC, Room 155****Faculty: Diana Nordlund, DO, JD, FACEP**

Events reported to the NPDB affect all future licensing and credentialing. What events are reported? Is your report accurate or can it be corrected? What actions can be taken to avoid reporting or craft mutually agreed-upon the language to mitigate future professional damage?





Contract Nightmares: Due Process, Force Majeure, Indemnification Clauses, and Non-Competes

10-10:50 a.m. | Monday, Oct. 3

Location: MCC, Room 301

Faculty: Rachel Lindor, MD, JD

Every major EM organization signed a letter to CMS demanding physician due process rights. Does your current contract force you to waive your due process rights? Did you agree to provide reimbursement to your employer whose negligence may have contributed to your patient's injuries by signing an indemnification clause? Can you work for the across-town competitor ED or are you bound by a non-compete clause?

Crisis Standard of Care: Ethical and Legal Implications of Crisis Care

12:30-12:55 p.m. | Monday, Oct. 3

Location: MCC, Room 153

Faculty: Catherine Anna Marco, MD, FACEP; Nathaniel R. Schlicher, MD, JD, MBA, FACEP

During the COVID pandemic, the commitment of the physician to the individual patient is counterbalanced by the need to protect the welfare of a population of patients. Join a bioethicist and an MD/JD to explore the ethical principles that guide development of the COVID crisis standard of care and resultant legal risk ramifications.

Black Box Drugs We Use: What's the Risk?

1-1:25 p.m. | Monday, Oct. 3

Location: MCC, Room 304

Faculty: Bryan D. Hayes, PharmD, FAACT, FASHP

The black box drug list seems to be growing, yet we are constantly faced with drug shortages limiting our choices when caring for patients in the ED. Many of us have used these drugs extensively in the past and feel quite comfortable with continuing this use on our patients. What is our risk when we do this? Is it a reasonable risk? The speaker will summarize black box warnings on drugs frequently used in the ED, assess the risk of this continued use, justify appropriate use in specific patients, and identify critical documentation needed when choosing to use these drugs.

Become a Star at Your Deposition: An Insider's Guide

3-3:55 p.m. | Monday, Oct. 3

Location: MCC, Room 154

Faculty: Nathaniel R. Schlicher, MD, JD, MBA, FACEP

An experienced emergency physician and attorney will present a medical case for the audience to manage with a leading charge of malpractice. A volunteer participant will be deposed. Key pitfalls and pearls of depositions will be demonstrated and discussed.



Top 5 Legal Risks in 5 Minutes or Less

4:30-4:55 p.m. | Monday, Oct. 3

Location: MCC, Room 201

Faculty: Kurtis A. Mayz, MD, JD, MBA, FACEP

Emergency medicine is a high-risk specialty. Recognizing these five predictable sources of medical malpractice claims and lawsuits in addition to cultivating practice and documentation strategies reduces the risk of becoming a defendant.

High-Risk Cases in EM

11-11:50 a.m. | Tuesday, Oct. 4

Location: MCC, Room 207

Faculty: Jennifer A. Newberry, MD, JD, FACEP

Learn how to diagnose and manage high-risk orthopedic emergencies in the ED (rhabdomyolysis, compartment syndrome, high pressure injection injuries, open fractures, septic arthritis/osteomyelitis).

Managing Risk in the Emergency Department: Lessons Learned From Tactical Emergency Medicine

12-12:25 p.m. | Tuesday, Oct. 4

Location: MCC, Room 201

Faculty: Gary W. Tamkin, MD, FACEP

Like a battlefield or urban tactical situation, the emergency department is a high-risk environment. Tactical concepts that help to keep operators safe can be deployed in your emergency department to reduce medical risk.



Personal Finance

You work hard for your money, and you want to optimize it! Make time for some financial management courses while you're here.

Winner, Winner, Chicken Dinner: Negotiation Skills for Win-Win Outcomes

2-2:25 p.m. | Saturday, Oct. 1

Location: MCC, Room 304

Faculty: Robert W. Strauss, MD, FACEP

What do looking for your first job, buying a new house, and discussing the upcoming contract for your large group have in common? They all require negotiating skills. Having the requisite knowledge can markedly improve outcomes for all parties involved. Come hear the expert teach the foundation of understanding the negotiating process and share tips to becoming the best negotiator you can be.

How to Make Money and Grow Your Wealth

9-9:25 a.m. | Monday, Oct. 3

Location: MCC, Room 304

Faculty: Brian Stettler, MD, FACEP

Discover the secrets to a satisfying and successful career in a casual environment during this all-new ACEP Connect session. The speakers will introduce some key actions to ensure financial security by developing healthy spending habits, understanding return on investment, and choosing the right job for you.

From Rags to Riches: Personal Finance for the Early Career EP

12:30-1:20 p.m. | Monday, Oct. 3

Location: MCC, Room 201

Faculty: Brian Stettler, MD, FACEP

That first paycheck you receive as an attending is a big change of living cheaply throughout your education. Developing good financial habits from day one as an attending is a necessity. The speaker will discuss the need-to-know core basics of investing, personal finance, asset protection, and retirement planning. This course is geared toward the recent graduate with a special focus on implementing good habits in personal finance.



Teaching Tips

Teaching medical students and residents is a rewarding path with unique quirks and challenges. Veteran faculty members share their hard-earned secrets to a successful career in teaching.

Know Your Worth: How Being Junior Faculty Makes You an Asset

4:30-4:55 p.m. | Saturday, Oct. 1

Location: MCC, Room 155

Faculty: Bernard Luis Lopez, MD, FACEP

Although many physicians feel like being junior faculty in your department is a disadvantage, it is in fact the opposite. You have so much to offer your department and in the process build the career you want. This session will show you how to do just that.

Digital Scholarship: From Podcast to Promotion

5-5:25 p.m. | Saturday, Oct. 1

Location: MCC, Room 304

Faculty: Jan Marie Shoenberger, MD, FACEP

What is digital scholarship? This course will define digital scholarship and describe how technologies continue to redefine medical education. As the use of digital technology increases, new mediums, including social media, podcasts, and interactive narratives are used more frequently for medical education scholarship. How to best optimize digital scholarship for publication and promotion as a medical educator will be discussed.

Level Up Your Learners: How to Supercharge Your Teaching Skills

10-10:25 a.m. | Monday, Oct. 3

Location: MCC, Room 304

Faculty: Christina L. Shenvi, MD, PhD, FACEP

We all struggle with engaging learners who are busy, distracted, or uninterested. Whether in a lecture or on-shift, you can improve your teaching by using these three, practical, theory-grounded concepts. First, understand how adult learning theory informs how you should engage your learners. Tune it into what they want to know. Second, don't overload their cognitive bandwidth. Cognitive load theory provides a framework for how to organize and present information that will make it easiest for the learners



to process and remember. Third, cognitive apprenticeship provides practical ways you can meet the learner where they are and take them to their own next level.

Putting Zip in Your Zoom

10-10:25 a.m. | Monday, Oct. 3

Location: MCC, Room 153

Faculty: Jessica E. Hobbs, DO, FACEP

Remote meetings and teaching have become a new normal fostered by the pandemic. The speaker will discuss novel tips and techniques designed to hold the audience's attention for an engaging, virtual presentation. Discover settings and tricks to sound, look, and share better on the virtual platform. From breakout sessions to annotation tools to sticky notes to active polling, learn how to run meetings, teach, and communicate more effectively in the virtual setting.

How to Give a Killer Talk

11-11:25 a.m. | Tuesday, Oct. 4

Location: MCC, Room 154

Faculty: Peter DeBlieux, MD, FACEP

Do your learners fall asleep or pull out their phones when you lecture? Do you struggle with how to effectively present your data? Do your slides need an extreme makeover? Do you want to make your lectures more interactive? Many educators struggle to provide high-quality, effective lectures. Their impact can be limited by poor presentation style, distracting slide design, and lackluster delivery. While drawing on available literature, this talk will explain and exemplify five key points for making lectures more interesting and keeping an audience's attention. Come learn the ABCs of resuscitating a boring lecture.

Go LOW Tech: Interactive Low Tech Teaching Strategies

12-12:25 p.m. | Tuesday, Oct. 4

Location: MCC, Room 155

Faculty: Al'ai Alvarez, MD, FACEP

Whether you want to change up a topic you love to lecture on or you run into technological issues, going LOW tech is always a great option. Going low tech can mean getting your hands dirty (or your residents' hands) or even using other teaching techniques to enhance your teaching styles. This presentation will show you some unique ways to "shake up" your didactic series by going low tech.



Physician Wellness

Burnout, compassion fatigue, regular fatigue. It's a lot! Learn about systemic and individual solutions designed to help you cope with and navigate the unique stressors of emergency medicine and increase your career satisfaction.

Dead Tired: The Impact of Fatigue on Patient Safety and Physician Wellness

1:30-1:155 p.m. | Saturday, Oct. 1

Location: MCC, Room 155

Faculty: Torree M. McGowan, MD, FACEP

The unique challenges of staffing 24/7 operations like emergency departments create significant stress on physicians due to the effects of scheduling. This lecture will explore the impacts of acute and chronic fatigue on patient safety, as well as examine the literature regarding overtime hours and the impact of overnight operations. Recommendations from other high-risk industries such as nuclear power and aviation will be used to help craft a set of guidelines to guide safer emergency department operations.

Burned Beyond Recognition: Burnout's Cost and its Solutions

3:30-3:55 p.m. | Saturday, Oct. 1

Location: MCC, Room 153

Faculty: Arlene Chung, MD, FACEP

Despite having the highest resiliency rates in the House of Medicine, emergency physicians also have the highest rates of burnout. What if half the people on your team providing care to your patients were burned out? That sad fact has become today's unsettling reality. However, when you measure quality in your ED, all of those measures get dramatically worse with burnout. This presentation delineates the causes of burnout, as well as a detailed suite of solutions to combat it in your ED. This is not a "touchy-feely" approach but a highly pragmatic one, giving you solutions to put to work.



**The Chief Wellness Officer in Emergency Medicine:
A Roundtable Discussion of Pros and Cons**

3:30-4:20 p.m. | Saturday, Oct. 1

Location: MCC, Room 203

Moderator: Kristen Nordenholz, MD, FACEP

Faculty: Jay A. Kaplan, MD, FACEP; Rita A. Manfredi-Shutler, MD, FACEP

As our healthcare system strives to improve emergency provider (EP) professional satisfaction, the power of leadership has been recognized as one of the critical organizational factors impacting well-being. Leadership must commit to ensuring EP engagement as a strategic imperative for organizational wellness. Initial steps include creating an infrastructure that requires commitment from top leaders and administrators promoting a culture change. Instituting a Chief Wellness Officer (CWO) may be key to ensuring safety and well-being for patients and caregivers. Review the positives and negatives of a CWO in an EM organization and explore the current status of existing CWOs.

Dealing With (Anonymous) Criticism

8:30-8:55 a.m. | Saturday, Oct. 2

Location: MCC, Room 154

Faculty: Robert W. Strauss, MD, FACEP

Providers can be the recipient of complaints either from colleagues, team members, or patients. Anonymous reporting is increasingly being used to identify bad behaviors, but what if you feel you were unfairly targeted? How do we deal with the emotional burden of negative comments and how do we transform our thought process from natural reaction into positive actions. The speakers will address mechanisms for self-assessment, behavior correction, and navigating a difficult work environment. In addition, the speaker will discuss the art of listening to hear what you need to hear, not just what you expect to hear during those difficult conversations.

Divorce, Depression and Loss: How to Keep Going When It All Falls Apart

12:30-1:20 p.m. | Sunday, Oct. 2

Location: MCC, Room 301

Faculty: Arlene Chung, MD, FACEP

Life can throw a lot at you, including abusive relationships, major illness, and competing family and professional needs. The speaker will discuss personal illustrations and lessons learned.

Exhibitors in the Recruiting/Staffing Space

American Physician Partners	1630	Emergency Care Partners	1410	KPG Provider Services	805	Sanford Health	1017
ApolloMD	514	Emergency Care Specialists	700	Lexx Healthcare	1010	SCP Health	924
Aspirus Health	1402	Emergent Medical Associates	1113	LocumTenens.com	510	Sound Physicians	1108
Aya Locums	1205	Emergency Medicine Specialists, Inc.	1920	Marshfield Clinic Health System	1611	South Miami CritiCare, Inc.	1834
Bayhealth Medical Center	912	EMPros	1501	Medstaff National Medical Staffing	625	Staff Care	1304
BRC	301	EMrecruits by R1	1805	Medicus Healthcare Solutions	2020	TeamHealth	900
Chickasaw Nation Department of Health	502	Envision Physician Services	712	Mount Sinai Health System	420	UPMC Emergency Medicine	1801
Concord Medical Group	914	Guthrie Clinic	1015	Navajo Area Indian Health Service	407	US Acute Care Solutions	1324
Core Schedule	1519	Innova Emergency Medical Associates	827	Optum	732	US Army Healthcare Recruiting	2015
Cross Country Locums	1824	Iris Telehealth	1613	Penn State Health Emergency Medicine	708	Vituity	1124
D&Y	1600	Kaiser Permanente/		PracticeLink, Ltd.	1211	Weatherby Healthcare	421
Department of Veterans Affairs	401	The Permanente Medical Group	1401	Presbyterian Healthcare Services	1404	Western Healthcare	1609
		Keystone Healthcare Partners	1100	Prisma Health	1714	WVU Medicine	603



Scientific Assembly
SAN FRANCISCO
2022

American College of
Emergency Physicians®
ADVANCING EMERGENCY CARE 

Connect

EXHIBIT HALL MAP AND EXHIBITOR INFORMATION



Exhibit Hall Map

Learning Labs

15-minute rapid-fire product demos to catch the latest and greatest of what's new in patient care. See pages 42-43 for more information.

Expert Theaters

These non-CME presentations can add to your educational experience. See company products and services that can help you in your practice and receive a boxed meal. See pages 40-41 for more information.



EXHIBIT HALL HOURS:
9:30 a.m.-3:30 p.m. Saturday-Monday
George R. Moscone Convention Center

ENTRANCE

ENTRANCE

ACEP CENTRAL
Purchase education and swag through the ACEP Store; access valuable career resources; participate in wellness activities; ask questions about your ACEP membership; and much more.



ACEP's Upcoming

22-23 Educational Meetings

NOV 7-11, 2022	NOV 14-17, 2022	JANUARY 23-25
	PHYSICIAN Wellness RETREAT	 REIMBURSEMENT CODING CONFERENCES
Phase I and III - Dallas, TX	Tucson, AZ	New Orleans, LA

MARCH 31 - APRIL 3	MAY 1-3	OCTOBER 9-12
 Advanced Pediatric Emergency Medicine Assembly	 Leadership & Advocacy Conference	 Scientific Assembly PHILADELPHIA, PA 2023
New York, NY	Washington, DC	Philadelphia, PA

Get the latest information at
acep.org/meetings



EXHIBITOR DETAILS

Affinity partners highlighted in orange.

A

AAEM Physician Group

555 E Wells St., Suite 1100
Milwaukee, WI 53202

p 800-884-2236

w aaemphysiciangroup.com

AAEM-PG empowers local, independent, democratic emergency physician groups to meet their full potential. Our member groups practice in a setting based on fairness and transparency where each physician is an owner. AAEM believes physician groups comprised of local physician owners provide the highest level of care and are most invested in the long-term success of their hospital partners and community.

1133

Abbott

400 College Road E.
Princeton, NJ 08540

p 609-454-9355

w abbottpointofcare.com

Our purpose is to make the world a better place by bringing life-changing health technologies to the people who need them. That's our commitment to helping you live your best life. Abbott Point of Care develops, manufactures, and markets critical medical diagnostic and data management products for rapid blood analysis. The i-STAT System, an advanced handheld diagnostic tool, provides real-time, lab-quality results within minutes to accelerate patient care decision-making.

AbbVie, Inc.

5 Giralda Farms
Madison, NJ 07940

p 862-261-7920

w abbvie.com

AbbVie's mission is to discover and deliver innovative medicines that solve serious health issues today and address the medical challenges of tomorrow. We strive to have a remarkable impact on people's lives across several key therapeutic areas. For more information about AbbVie, visits at www.abbvie.com. Follow @abbvie on Twitter, Facebook, Instagram, YouTube, and LinkedIn.

1606

AcademicCME

531 E. Lancaster Ave.
Wayne, Pennsylvania 19087

p 610-329-2986

w academiccme.com

ACEP Accreditation

4950 W. Royal Lane
Irving, TX 75063-2524

p 800-798-1822

w acep.org/accreditation

ACEP is dedicated to improving the quality of acute care to patients. Learn more about the Clinical Ultrasound Accreditation Program (CUAP), Geriatric Emergency Department Accreditation (GEDA), and Pain and Addiction Care in the ED (PACED).

ACEP Central

1535

1018



A

ACEP Central

2001

4950 W. Royal Lane
Irving, TX 75063
p 972-550-0911
w acep.org

ACEP Central is your home for all things ACEP while you're in San Francisco! Take new headshots at Studio ACEP, shop the ACEP Store, and explore the new Career Center. Learn more about ACEP's accreditation and quality programs, as well as wellness resources to support you through the trials and tribulations of EM practice. If you have questions about ACEP member benefits, ACEP Insurance Services, or ongoing initiatives, this is the place to go.

ACEP Global Village

2114

4950 W. Royal Lane
Irving, TX 75063
p 800-798-1822
w acep.org

Join the ACEP International Section and your international emergency medicine colleagues to informally discuss challenges and opportunities in EM around the world! The Global Village will be open throughout the conference in the Exhibit Hall to showcase EM in specific countries, encourage international collaboration, and serve as a gathering space for international attendees and US attendees interested in the global practice of EM. Questions? Stop by ACEP Central right across the aisle or reach out to acepinternational@gmail.com.

ACEP Insurance Services ACEP Central

PO Box 1889
Sioux Falls, SD 57101
p 877-285-4445
w acepinsurance.com

ACEP Insurance Services helps to safeguard you, your loved ones, and your livelihood. Stop by ACEP Central to learn about the types and amounts of coverage you should carry, and how to plan for the road ahead. NEW for 2022: Ask us about business insurance services for your independent group.



ACEP Store

ACEP Central

4950 W. Royal Lane
Irving, TX 75063-2524
p 800-798-1822
w bookstore.acep.org

Need to stock up on ACEP resources or EM swag? Check out the ACEP Store in ACEP Central. You can also learn more about all the digital education that ACEP has to offer, including the Online Learning Collaborative, recently expanded PEERCert+, and more.

ACEP Wellness & Assistance Program

ACEP Central

4950 W. Royal Lane
Irving, TX 75063-2524
p 800-873-7138
w acep.org/support

We are here for you. ACEP members have access to three, FREE confidential counseling or wellness coaching sessions through our partnership with Mines & Associates. And for just \$15 per year, ACEP members can also access Mines & Associates' legal and financial support assistance. Visit ACEP Central to learn more about the resources available.

Advanced Health Education Center 506

8502 Tybor Drive
Houston, TX 77074
p 713-772-0157
w aheconline.com

Aideo Technologies 631

6800 Koll Center Parkway, Suite 215
Pleasanton, CA 94566
p 210-262-1313
w aideo-tech.com

Alkermes 612

852 Winter St.
Waltham, MA 02451
p 781-249-3561
w alkermes.com

Alkermes develops innovative medicines that seek to address unmet needs of people living with serious mental illness, addiction, and cancer. A fully integrated, global biopharmaceutical company, with locations in the U.S. and Ireland, we extend beyond our scientific pursuits to actively and collaboratively advocate for people affected by these serious diseases. We are committed to patient engagement, disease education, and supporting policies that enable access to all approved treatment options.

AMBOSS GmbH**1035**

Torstraße 19 Berlin, Germany 10119

p 0049 030 5770 2210

w amboss.com/us

Developed for doctors by doctors in 2012, AMBOSS is driven to empower physicians everywhere to provide the best possible care. AMBOSS is a digital resource with several components, most prominently an interactive library of 20,000+ medical topics and an interlinked Question Bank with over 5,000 clinical case-based questions. Students, educators, and physicians use AMBOSS to help them achieve their learning goals as they go through the many stages of their education.

American Board of Emergency Medicine (ABEM)**1826**

3000 Coolidge Road

East Lansing, MI 48823-6319

p 517-332-4800

w abem.org

Visit the ABEM Booth. Directors and staff are here to answer your questions about ABEM certification, continuing certification requirements, board eligibility, subspecialties, and other ABEM programs and activities. Computer stations will be available for you to check your requirements. Come by and talk with us and get your questions about board certification answered.

American College of Medical Toxicology**410**

10645 N. Tatum Blvd., 200-111

Phoenix, AZ 85028

p 623-533-6340

w acmt.net

The American College of Medical Toxicology (ACMT) is a nonprofit membership organization of board-certified medical toxicologists dedicated to advancing the toxicologic care of patients and populations; and advocating for the specialty of medical toxicology.

American Physician Partners**1630**

5121 Maryland Way, Suite 300

Brentwood, TN 37027

p 855-246-8607

w americanphysicianpartners.com

American Physician Partners (APP) is a new kind of emergency and hospitalist management company, created to exceed the expectations of the patients we care for, the

physicians and advanced practice clinicians we work with, and the hospitals who partner with us. Despite our significant growth, we have remained a physician-centric, patient-focused organization, focusing on transformational leadership to offer practice stability and deliver significant and sustainable quality improvements.

American Society of Echocardiography**733**

2530 Meridian Parkway, Suite 450

Durham, NC 27713

p 919-297-7172

w asecho.org

ASE is the largest global organization for cardiovascular ultrasound imaging. We serve physicians, sonographers, nurses, veterinarians, and scientists. We are the leader and advocate for healthcare professionals practicing echocardiography, setting practice standards and guidelines for the field.

ApolloMD**514**

5665 New Northside Drive NW, Suite 200

Atlanta, GA 30328-5831

p 919-461-7130

w apollomd.com

ApolloMD is a clinician-operated multispecialty practice partnering with top hospitals, teaching facilities, and health systems. With ApolloMD, you achieve the best of

both worlds—gaining access to a nationwide network of support and security while maintaining the autonomy to operate independently. Our eligible clinicians enjoy ownership opportunities, allowing them to build equity in a thriving group early, as well as leadership training and diverse career paths.

Aspirus Health**1402**

3000 Westhill Drive

Wausau, WI 54401

p 715-847-2738

w aspirusprovideropps.org

Practice with us and live where others vacation. Aspirus Health is a 17-hospital health system seeking emergency medicine physicians to join our practices in north-central

Wisconsin. We serve rural patients in community and critical access hospitals. Aspirus Health's location provides a perfect opportunity for physicians to use their training and skills for the benefit of the community and enjoy a life of recreational opportunities across all four seasons. Join us!

AstraZeneca**1730, 1817**

121 Seaport Blvd.

Boston, MA 02210

p 678-823-0105

Intended for U.S. audiences only. Alexion is a global biopharmaceutical company with the mission of helping the lives of people affected by rare diseases by continuously innovating and creating meaningful value in all that we do. With headquarters in Boston, Massachusetts, Alexion has offices around the globe and serves patients in more than 50 countries.

Atlantic Pension Planning**1625**

27 E. Black Horse Pike

Pleasantville, NJ 08232

p 609-645-3900

w atlanticpension.com

Financial Planning for Physicians to include: disability insurance, student loan repayment/refinance strategies, physician home mortgage options, life insurance, budgeting, retirement planning, and establishing a credit score.



B

Aya Locums**1205**

5930 Cornerstone Court W., Suite 300
San Diego, CA 92121
p 858-924-8401

w ayahealthcare.com/locum-tenens



Aya Locums is a leading healthcare staffing provider and locum tenens company matching physicians and advanced practitioners with top facilities across the country. When

you work with Aya Locums, an effortless, supportive experience comes standard. Whether you're a healthcare facility that needs physicians and advanced practice professionals at regular intervals or a provider searching for the best locum tenens experience in the industry, we've got you covered.

B

Bayhealth Medical Center**912**

640 S. State St.
Dover, DE 19901
p 302-744-6603
w bayhealth.org



Bayhealth Medical Center's two hospitals and free-standing emergency center see a total of 100,000 patients per year. Our residency trained EM physicians

are employed by the hospital and treat a wide range of pathology with excellent backup and administrative support. Our largest ED (55,000 volume) at the Kent Campus Hospital is only 6 years old, and our new Sussex Campus hospital (30,000 volume) opened in February 2019. Bayhealth is central and southern Delaware's largest healthcare system.

Beckman Coulter, Inc.**713**

250 S. Kraemer Blvd.
Brea, CA 92821-6232
p 720-891-9466

Beckman Coulter is committed to advancing healthcare for every person by applying the power of science, technology and the passion and creativity of our teams to enhance the diagnostic laboratory's role in improving healthcare outcomes. Our diagnostic systems are used in complex biomedical testing, and are found in hospitals, reference laboratories and physician office settings around the globe.

Bettinger, Stimler, & Associates, LLC**901**

P.O. Box 565940
Pinecrest, FL 33256
p 904-247-4993
w bsahealthcare.com

Bettinger Stimler, & Associates, LLC (BSA Healthcare) is a physician-owned consulting company that helps physician groups, hospitals, and billing and coding organizations improve processes, financial performance, organizational structure, and strategic direction. For additional information about BSA Healthcare, please call 888-568-4993 or visit bsahealthcare.com.

bioMérieux**1114**

515 Colorow Drive
Salt Lake City, UT 84108
p 801-736-6354
w biomerieux.com

A world leader in the field of in vitro diagnostics for more than 55 years, bioMérieux provides diagnostic solutions (systems, reagents, software) that determine the source of disease and contamination to improve patient health and ensure consumer safety. The company's products are mainly used for diagnosing infectious diseases. They are also used for detecting microorganisms in agri-food, pharmaceutical, and cosmetic products.

Bionix**1506**

5154 Enterprise Blvd.
Toledo, OH 43612
p 800-551-7096
w bionix.com

Bionix welcomes you to visit our booth for hands-on product demonstrations of our Safe Ear Currettes™, OtoClear® Ear Irrigation Tips, and our newest product, AlphaCleanse™, an all-in-one kit for effective wound treatment. For over 30 years, Bionix has focused on helping physicians and allied health professionals meet the high-pressure demands of a constantly changing healthcare environment. Visit Bionix.Com.

BioXcel Therapeutics**218**

555 Long Wharf Drive, 12th Floor
New Haven, CT 06511
p 475-238-6837
w bioxceltherapeutics.com

BioXcel Therapeutics, Inc., a clinical-stage biopharmaceutical company using artificial intelligence, or AI, approaches to develop transformative medicines in neuroscience and immuno-oncology.

BMS/Pfizer**1924**

235 E. 42nd St.
New York, NY 10017
p 212-733-2323
w pfizer.com

Pfizer and Bristol-Myers Squibb are partners in a worldwide collaboration. This global alliance combines both Bristol-Myers Squibb's and Pfizer's long-standing strengths in drug development and commercialization.

Boehringer Ingelheim Pharmaceuticals, Inc.**508**

900 Ridgebury Road
Ridgefield, CT 06877
p 203-798-9988
w us.boehringer-ingelheim.com

Boehringer Ingelheim is one of the world's 20 leading pharmaceutical companies. With headquarters in Germany, the company operates globally with more than 50,000 employees. The family-owned company has been committed to researching, developing, manufacturing, and marketing novel treatments for human and veterinary medicine. Visit us at www.us.boehringer-ingelheim.com, or on Twitter @BoehringerUS.

BrainScope**810**

5404 Wisconsin Ave., Suite 300
Bethesda, MD 20815
p 855-927-2461

w brainscope.com

BrainScope® is a point-of-care decision support tool used to objectively assess mild head injured patients in 20 minutes or less. BrainScope is in a category of one, pioneering a breakthrough technology for mild head injury triage. It is the only FDA-cleared technology to assess both likelihood of intracranial hemorrhage and concussion. Learn more at BrainScope's booth.

Brault**1000**

180 Via Verde, Suite 100
San Dimas, CA 91773
p 626-447-0296

w brault.us

Brault is a clinical intelligence partner for independent physician groups and hospitals. Brault offers expertise in practice management and revenue optimization—with practice solutions to amplify clinical analytics, physician education, documentation training, practice improvement, business administration, chart capture, nurse coding, payer contract management, and patient engagement services.

BRC**301**

12810 W. Golden Lane
San Antonio, TX 78249
p 210-582-0709

w brconline.com



Physician with an engineering degree? Looking for a career change? BRC is looking for physicians with engineering degrees. Use medical and

engineering training to analyze injuries and mechanisms of injuries. No patient care. Long-term career opportunities. We employ full-time consultants who specialize in the analysis of the human body's response to forces and accelerations to determine if or how injuries are caused. Interested and qualified? Call 210-582-0709 or email CV to jsanchez@brconline.com.

Brevi Technologies Inc**1207**

530 Lytton Ave., 2nd Floor
Palo Alto, CA 94301
p 650-788-9094

w brevi.tech

Automation of Clinical Narrative Notes Brevi Automatically analyzes "Physician-Patient Dialogues" and scribes "Consultation Narrative Notes" in the form of a brief summary and SOAP format geared toward outpatient encounters. By using Brevi, Physicians can keep the Naturalness and Social elements of encounters and simultaneously automate one of the most time-consuming and burnout tasks — scribing "Clinical Narrative Notes."

BSN Medical Inc.**1701**

5825 Carnegie Blvd.
Charlotte, NC 28209
p 603-953-6203

w bsnmedical.com

BSN medical is your one source for splinting and orthopedic soft goods with industry-leading products, including ORTHO-GLASS®. Please stop by our booth and see the latest innovations, including ORTHO-GLASS® Comfort, SplashCap™, EyeCap™, StrepShield™, and Actimove® Sling on a Roll.

BTG Specialty Pharmaceuticals**1433**

300 Conshohocken State Road, Suite 300
West Conshohocken, PA 19428
p 484-702-1030

w btgsp.com

BTG Specialty Pharmaceuticals® provides rescue medicines typically used in emergency rooms and intensive care units to treat patients for whom there are limited treatment options. We are dedicated to the development, manufacture, and commercialization of quality medicines that make a real difference to patients and their families.

Butterfly Network, Inc.**1208**

530 Old Whitfield St.
Guilford, CT 06437
p 203-458-7100

w butterflynetwork.com

Butterfly Network's mission is to democratize medical imaging and contribute to the aspiration of global health equity by making high-quality ultrasound affordable, easy-to-use, accessible, and intelligently connected. Visit Booth 1208 to see how our proprietary Ultrasound-on-Chip™ technology supported by integrated workflow and documentation tools helps emergency physicians improve patient outcomes using our handheld, single-probe, whole-body ultrasound system.

C**Carbon Health****833**

2100 Franklin St., Suite 355
San Francisco, CA 94612
p 253-341-0787

w carbonhealth.com/careers

Caretaker Medical**1138**

941 Glenwood Station Lane, #301
Charlottesville, VA 22901
p 434-978-7000

w caretakermedical.net

Caretaker Medical sets a new standard in portability and simplicity in noninvasive ICU-grade continuous monitoring with its FDA cleared VitalStream. The VitalStream wireless hemodynamic monitoring system sets up in less than 60-seconds and measures continuous noninvasive real-time blood pressure, hemodynamics, heart rate, respiration rate and SPO2 with ICU accuracy using our powerful AI technology and a simple finger sensor. Visit www.caretakermedical.net to learn more.



C

Carnegie Mellon University 1111

5000 Forbes Ave.
Pittsburgh, PA 15213
p 412-268-4840
w heinz.cmu.edu/programs/medical-management-master

CEPHEID 1011

904 Caribbean Drive
Sunnyvale, CA 94089
p 408-541-4191
w cepheid.com
Cepheid is a leading molecular diagnostics company that is dedicated to improving healthcare by developing, manufacturing, and marketing accurate yet easy-to-use molecular systems and tests. The company's solutions deliver a better way for institutions of any size to perform sophisticated molecular diagnostic testing for organisms and genetic-based diseases. The company is focusing on those applications where accurate, rapid, and actionable test results are needed most.

Ceribell 1724

360 N. Pastoria Ave.
Sunnyvale, CA 94085
p 800-436-0826
w ceribell.com
Ceribell's primary mission is to improve neurological care for emergency and ICU patients. We've developed the world's first point-of-care EEG designed for critical and emergency care. This device integrates machine learning AI and cloud-based computing with miniaturized EEG technology, so it is easy to apply and use. With Ceribell, frontline emergency and critical care doctors can have rapid clinical answers at the bedside. To learn more, visit us at www.ceribell.com.

Change Healthcare 1107

100 Airpark Center Drive E.
Nashville, TN 37217
p 346-324-3341
w changehealthcare.com
Processing more than 6 million visits annually for 3,200+ emergency medicine providers, we have the expertise to lead emergency medicine physicians through the complexities of reimbursement. Our solutions can help physicians grow revenue, control costs, improve coding and documentation, produce clean claims, optimize reimbursement, and minimize regulatory risks. Accelerate the flow of funds and strategize for future growth opportunities with Change Healthcare.

Chickasaw Nation Department of Health 502

1921 Stonecipher Blvd.
Ada, OK 74820
p 580-310-6465
w chickasaw.net



Beautiful new tribal hospital with 24/7 ED and adjacent urgent care. Patient volume 55,000 annually. Full-time employment opportunity with excellent benefits. Flexible scheduling and moonlighting opportunities available. Most of our providers are ED-trained physicians; however, other residency-trained doctors with ED experience are encouraged to apply. If making a real difference and working with a great team piques your interest, please come by for more information.

CIVCO Medical Solutions 511

2301 Jones Blvd.
Coralville, IA 52241
p 712-229-7670
w civco.com
CIVCO Medical Solutions works to make image-guided procedures safer. CIVCO manufactures accessories and equipment for use in diagnostic and therapeutic imaging and interventional procedures, with a strong focus on ultrasound. CIVCO specializes in ultrasound viral barriers, including 100% gel-free Envision probe covers and pads; ASTRA automated high-level disinfection systems for ultrasound transducers; and needle and device guidance. Visit CIVCO at Booth 511 for more information.

Clarius Mobile Health 609

350-3605 Gilmore Way
Vancouver, BC V5G 4X5
Canada
p 778-800-9975
w clarius.me
Clarius is the only handheld wireless ultrasound machine that doesn't compromise on image quality. It offers high-resolution ultrasound images that are as good as the best traditional point-of-care systems. Clarius handheld ultrasound scanners wirelessly connect to most iOS and Android smart devices. Learn more by visiting us at clarius.com.

Clozex Medical, Inc. 1417

375 West St.
West Bridgewater, MA 02379
p 508-878-1565
w clozex.com
Clozex High-Precision, Non-Invasive Surgical Skin Closures were designed to address the limitations of the traditional suture and staple-based technologies. Clozex Closures are faster, provide a greater level of control, and deliver exceptional cosmetic results whether treating lacerations in the emergency setting or closing surgical incisions in the operating room. Increase efficiencies while providing a skin closure solution that minimizes unnecessary scarring for patients.

Collective Medical, A PointClickCare Company 1019

5570 Explorer Drive
Mississauga, ON L4W 0C4
Canada
p 800-277-5889
w pointclickcare.com
Collective Medical, a PointClickCare company, spearheads care coordination by helping care teams across the continuum access real-time patient insights to empower decision-making and improve clinical outcomes at a lower cost.

CompMed**1416**

300 Dave Cowens Drive, Suite 600
Newport, KY 41071
p 513-543-6440

w comp-med.com

CompMed is a national medical billing and practice management company for emergency room departments. With over 25 years of experience, our new clients consistently realize revenue growth of 10%-20% annually with our utilization of technology and focus on details. Services include custom reporting, automated credentialing, 100% documentation feedback by patient, web-based access to management reports, complete visibility in all transactions, and access to our billing system.

Concord Medical Group**914**

1602 Ave. Q
Lubbock, TX 79401
p 469-322-1483

w concordmedicalgroup.com



Concord Medical Group is a physician-owned and -operated practice management organization that provides top quality emergency department services to

hospitals throughout the U.S. We're experts at partnering with providers to find the right opportunities that maximize their clinical and personal time.

Cook Medical**1821**

750 Daniels Way
Bloomington, IN 47042
p 812-339-2235

w cookmedical.com

Since 1963, Cook Medical has worked with physicians to develop minimally invasive technologies. Today, we offer medical devices, biologic materials, and cellular therapies to deliver better patient outcomes more efficiently. We remain family-owned so we can focus on what we care about most: our patients, our employees, and our communities. Find out more at cookmedical.com, and for the latest news, follow us on Twitter, Facebook, and LinkedIn.

Core Clinical Partners**1009**

3330 Cumberland Blvd., Suite 500
Atlanta, GA 30339
p 678-596-9038

w coreclinicalpartners.com

Core Clinical Partners is a physician management company that aligns our hospitals and our clinicians so that goals can be met collaboratively. We feel that the key to success is physician engagement and have created innovative models with each of our partner facilities to accomplish this goal. Our team is laser focused on operational excellence and has decades of experience to solve issues as they arise in EDs of all sizes. We are also physician-owned with no private equity involvement.

Core Schedule**1519**

5 Anderson St.
Scarborough, QLD 4020
Australia

p 61404128592

w coreschedule.com



Core Schedule — It's About Time. The most nimble and adaptive rostering software on the planet with customers in Australia, New Zealand, and the U.S. We help

create safe and efficient work environments by scheduling the right people in the right place at the right time: Someone's life depends on it. We tailor Core Schedule to the specific needs of each department, site, and area without complicating your life, no matter how large or small your unit or hospital network is.

CorroHealth**719**

6509 Windcrest Drive, Suite 165
Plano, TX 75024
p 844-392-4222

w corrohealth.com

T-System is a healthcare IT company that advances care delivery and financial outcomes for emergency medicine. Offering clinically driven services and documentation solutions as well as charge capture and coding solutions, T-System serves 40% of the nation's hospital-based emergency departments, freestanding emergency centers, and urgent care centers.

Cross Country Locums**1824**

4775 Peachtree Industrial Blvd., #300
Berkeley Lake, GA 30092
p 800-780-3500

w crosscountrylocums.com



For 36 years, Cross Country Locums (formerly Medical Doctor Associates) has provided physician and advanced practice professionals with a variety of

placement options including locum tenens, temporary and temp-to-perm. Also, Cross Country Locums has won multiple Best of Staffing Client and Talent awards and has been certified by the National Committee for Quality Assurance (NCQA), the leader in healthcare accreditation, since 2001.

Cyclic Vomiting Syndrome Association**1004**

P.O. Box 270341
Milwaukee, WI 53227
p 916-716-9038

w cvsaonline.org

Established in 1993, the Cyclic Vomiting Syndrome Association (CVSA) serves the needs of cyclic vomiting syndrome (CVS) sufferers, their families, and professional care givers by raising awareness and providing education and support to those affected by cyclic vomiting, abdominal migraine, and related disorders, while advocating for and funding research.

Cytovale**1103**

150 Executive Park Blvd.
#4100
San Francisco, CA 94134
p 415-786-6236

w cytovale.com



D-E

D

D&Y 1600

6767 Old Madison E., Suite 690
Huntsville, AL 35806
p 256-382-5332
w dystaffing.com



Locums when you want it | Locums when you need it. Since 1989, D&Y has been connecting clinicians with locum opportunities in line with their objectives. Whether you're interested in locums to supplement your income, explore new locations and different practice settings, or transition to the next phase in your career, D&Y will work with you to find the opportunities just right for you.

d2i - Data to Intelligence 920

P.O. Box 47
Parsippany, NJ 07054
p 973-650-4693
w embiondemand.com

d2i is the only business intelligence solution provider focused exclusively on the ED. We appreciate what it takes to manage one of the most complex environments in healthcare. We've worked in EDs and with ED physicians and administrators for over two decades. We use that experience every day to make sure our solutions provide you what you need to manage your ED—timely and actionable Information. If you are frustrated because you can't get data or trust the data you get, d2i can help you.

DeliverHealth 832

2450 Rimrock Road, Suite 201
Madison, WI 53713
p 608-716-3113
w deliverhealth.com

Our name says it all... DeliverHealth simplifies EHR, patient engagement and mid-revenue cycle complexities, making sure your existing technology, processes, providers, and patients are aligned and engaged for better outcomes. By building simplicity into documentation, codification and the digital health patient experience, our customers see realization of their EHR investments.

Department of Veterans Affairs 401

55 N. Robinson St., Suite 1010
Oklahoma City, OK 73102
p 504-605-7618
w vacareers.va.gov



Department of Veterans Affairs (VA) is the nation's largest integrated health care system, providing comprehensive patient care to Veterans and their families. At the same time, we offer career opportunities to a wide range of professionals—from physicians, mental health practitioners, nurses, and pharmacists, to people in IT, administration, and other non-clinical areas.

Designs for Vision, Inc. 524

4000 Veterans Memorial Highway
Bohemia, NY 11716
p 631-585-3300
w designsforvision.com

See the Visible Difference® with Designs for Vision's new Infinity VUE loupes providing a straightforward approach to ergonomics. Experience the Panoramic Loupes, providing 100% wider field than prismatic loupes. Choose between the wireless and wired LED DayLite® HDi headlights providing 45% brighter illumination.

DynaMed/EBSCO 1101

10 Estes St.
Ipswich, MA 01938
p 978-356-6500
w health.ebsco.com

DynaMed®—improving patient outcomes by transforming clinical decision support. DynaMed combines the most current clinical evidence with guidance from leading experts and a user-friendly, personalized experience to create a cutting-edge clinical decision support tool. This enables clinicians to find answers to questions at the point-of-care with unprecedented speed and accuracy.

E

Edelberg & Associates 1419

1205 Johnson Ferry Road, Suite 136-356
Marietta, GA 30068
p 225-229-0853
w edelbergcodes.com

With more than 40 years of experience in the medical coding industry, E+A has coded millions of claims for thousands of emergency departments and hospitalists. At E+A, we are committed to ensuring our people, our processes, and proprietary C.A.R.E. coding platform deliver an end-to-end solution to surpass your coding needs. For this reason, E+A invests heavily in our employees, proprietary coding processes, and revolutionary technology to assure your coding is accurate and timely.

Eko 1700

1212 Broadway, Suite 100
Oakland, CA 94109
p 408-712-2798
w ekohealth.com

Eko, a digital health company, is advancing how health care professionals detect and monitor heart and lung disease with its innovative suite of digital tools, patient and provider software, and AI-powered analysis. Its FDA-cleared platform is used by hundreds of thousands of healthcare professionals worldwide, allowing them to detect earlier and with higher accuracy, diagnose with more confidence, manage treatment effectively, and ultimately give their patients the best care possible.

Elemeno Health 1209

2910 Ford St., Suite D
Oakland, CA 94601
p 501-350-0880

Visit Elemeno Health, the ACEP21 EM Innovator of the Year winner, offers an innovative digital cloud solution for empowering nurses, doctors, and other members of the frontline teams to ensure optimal care at the point-of-care. Shorten time-to-value for MDs, residents, and staff through just-in-time access to updates and retained institutional knowledge. Promote team engagement with recognition and improve safety with gamification tools.

Elsevier**1320**

1600 JFK Blvd., Suite 1800
Philadelphia, PA 19103
p 215-239-3900

w us.elsevierhealth.com

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.

emCareers**ACEP Central**

4950 W. Royal Lane
Irving, TX 75063-2524
p 800-798-1822

w emcareers.org

We're excited to announce the new emCareers, your career support center for every phase of your emergency medicine career. Whether you're actively looking for your next emergency medicine physician role, looking to network with other ACEP Chapter members, or hiring for your team, emCareers the best way to take the next step in your career in emergency medicine. Stop by Studio ACEP at ACEP Central to get a fresh headshot and kickstart your job seeker profile in style.

EM Coach**907**

805 Old Mill Road
Chapel Hill, NC 27514
p 956-655-3911

w emcoach.org

EM Coach. The only complete board review package. Includes: 2,000+ exam-style questions; high-yield textbook; engaging lectures; innovative visual aids; probability of passing calculation; mobile apps for on-the-go everything; program and clerkship director portal with best-in-class performance tables; and a CORD member benefit. Only EM Coach delivers what you need to study to reinforce your success on the ITE and EM boards. This is the EM boards education redefined.

Emergency Care Partners**1410**

997 S. Palafox St., Fourth Floor
Pensacola, FL 32502

p 850-390-2081

w pephealth.net



If you are interested in a career opportunity with a growing group that combines clinical expertise, solid financial backing, and business acumen—consider

meeting with our physician partners and recruiters at Booth 1410.

Emergency Care Specialists**700**

4100 Embassy Drive, Suite 400
Kentwood, MI 49546

p 616-988-8220

w ecs-wmi.com



ECS, an independent and physician-owned practice for 35 years, is dedicated to expanding the boundaries of acute unscheduled care to meet the

continual changes in healthcare. Our core values of quality, value, education, and an ownership mentality set ECS apart from other EM service providers. With emergency specialists in academia, pediatrics, toxicology, observation, ultrasound, sedation, and addiction medicine, our abilities and opportunities are as singular and specific as our physicians.

Emergency Department Practice Management Association (EDPMA)**704**

7918 Jones Branch Drive, Suite 300
McLean, VA 22102

p 301-351-8722

w edpma.org

EDPMA is a trade organization focused on delivering high-quality, cost-effective care in the ED. We are about action and solutions for the noble purpose of strengthening the specialty and to get things done for the business of EM. Our members are EM physician groups of all sizes, billing/coding firms and organizations that support EM. Stop by our booth to learn how you can join our community.

Emergency Medicine Data Institute (EMDI), CEDR, & E-QUAL**1927/ACEP Central**

4950 W. Royal Lane
Irving, TX 75063-2524

p 800-798-1822

w acep.org/emdi

ACEP has recently established Emergency Medicine Data Institute (EMDI). This next-generation digital platform integrates over 1,000 hospitals to collect clinical and billing data and building new products and services for emergency clinicians to enhance emergency care throughout the United States. The EMDI and its Clinical Emergency Data Registry (CEDR) serve among the largest qualified clinical data registries in use today, providing insight on nearly a quarter of emergency department visits in the United States annually. CEDR positions clinical team for success in QPP/MIPS quality reporting requirements and identification of optimal clinical practices. The platform also will support Quality Improvement activities via Emergency Quality Network (E-QUAL). E-QUAL delivers a collaborative-driven, practice change network tailored to the unique environment of emergency medicine.

Emergency Medicine News**800**

Two Commerce Square
2001 Market St.
Philadelphia, PA 19103

p 215-521-8300

w lww.com

EM's most trusted news source! Emergency Medicine News is the specialty's first choice for news, covering the trends that matter most to emergency physicians for more than 40 years! It's also the only place you'll find emergency medicine's most respected authors, who have made it the No. 1 publication in EM for readership 26 consecutive years: Drs. James Roberts, Edwin Leap, Leon Gussow, Graham Walker, Richard Pescatore, Rory Spiegel, Sandra Scott Simons, Howie Mell, Ali Raja, and many more.



E

Emergency Medicine News-Wolters Kluwer 802

Two Commerce Square, 2001 Market St. Philadelphia, PA 19103

p 215-521-8300

w [lww.com](http://www.lww.com)

Wolters Kluwer provides trusted clinical technology and evidence-based solutions that engage clinicians, patients, researchers, students, and the next generation of health care providers. Our leading brands include Audio Digest®, Lippincott®, Ovid®, Audio Digest®, and Emergency Medicine News, which is EM's most trusted news source, covering trends that matter most to EPs. It's also the place you'll find EM's most respected authors, who have made it the No. 1 publication in EM for 27 years.

Emergency Medicine Specialists, Inc. 1920

3131 Newmark Drive, Suite 210
Miamisburg, OH 45342

p 937-438-8910

w em-specialists.org



Emergency Medicine Specialists, Inc. is a Dayton, Ohio, based physician group seeking board eligible/board certified emergency medicine physicians to join our culture of

independent practice. Our full-time opportunity provides:

- Competitive salary and sign-on bonus
- Maximum employer-funded 401k and profit-sharing contributions
- Rich benefits package including health insurance, disability insurance, CME allowance, professional liability, and more
- Ownership and leadership opportunities

Emergent Medical Associates 1113

898 N. Pacific Coast Highway, Suite 600
El Segundo, CA 90245

p 310-379-2134

w ema.us



Emergent Medical Associates (EMA) is the leading provider of emergency care and episodic care management services to patients, communities, and hospitals

throughout southern California, Hawaii, and New Mexico. We offer an emergency medicine administrative fellowship leading to directorships, 22 sites within southern California, Democratic group with partnership tracks, ED volumes ranging from 12,000-65,000 visits, and a superior malpractice profile.

EmOpti, Inc. 916

250 N. Sunnyslope Road, Suite 245
Brookfield, WI 53005

p 844-436-6784

w emopti.com

EmOpti technology enables emergency providers to deploy new care models based on a combination of virtual remote resources and onsite staff to speed patient flow. EmOpti software orchestrates the process with unique routing and queuing features. The results are a win for providers, whose productivity is markedly improved, a win for patients who see waiting times dramatically reduced, and a win for hospital operators who see both increased revenue and decreased costs.

EMPros 1501

1530 Cornserstone Blvd., Suite 120
Daytona Beach, FL 32117

p 386-479-2151

w emprosonline.com



Looking for a high quality of life with a collegial practice environment? Join EMPros in sunny central Florida. Democratic EM group practice in business for

45+ years with seven contract hospitals on Atlantic Coast near Daytona Beach + events at Daytona Speedway NASCAR Emergency Care Center. Flexible scheduling, ownership opportunity, competitive pay and full benefits. Come for the career, stay for the lifestyle. Email your CV to Maureen.france@emprosonline.com.

EMrecruits by R1 1805

12700 Park Central Drive, Suite 900
Dallas, TX 75251

p 214-860-6087

w emrecruits.com



We provide direct access to permanent job opportunities with independent, Emergency Medicine groups in metropolitan, suburban, and rural locations in more than

multiple states across the nation. Whether you're looking to live in a fast-paced, coastal city or a family-friendly, Midwest community, we are confident that we will offer a position with a quality practice in a community you'll love to call home. Contact us by email: info@emrecruits.com.



Envision Physician Services**712**

13737 Noel Road, Suite 1600

Dallas, TX 75240

p 214-712-2000

w envisionphysicianservices.com

Envision Physician Services is America's leading medical group providing anesthesiology, emergency medicine, hospital medicine, radiology, surgical

services, and women's and children's health services to more than 1,800 clinical departments in 44 states and D.C. We empower our team of more than 27,000 clinicians with the resources they need to deliver high-quality care to patients when and where they need us most. Visit us at Booth 712 to learn more.

Epic**430**

1979 Milky Way

Verona, WI 53593

p 608-271-9000

w epic.com

Epic software is built around a single comprehensive health record, so everything works together – in a doctor's office, the Emergency Department, inpatient care, long-term facility, or the patient's home. This approach helps care teams make measurable improvements in care quality and reductions in cost.

EPOWERdoc, Inc.**1524**

PO Box 88218

Atlanta, GA 30356

p 440-963-0478

w epowerdoc.com

EPOWERdoc is a leading provider of Emergency Department Information Systems (EDIS) and telemedicine platforms. EPOWERdoc's EMRDoc is a revolutionary EDIS that incorporates features so unique it is the only EDIS with a U.S. patent on its design and is specifically designed around ED physicians and clinicians workflow. EMRDoc is the fastest and easiest EDIS product on the market today. The new VitalTelemed telemedicine module is the only telemedicine EHR available and provides a complete platform.

ER Doc Finance**1815**

725 Heartland Trail, Suite 205

Madison, WI 53717

p 608-467-1010

w erdocfinance.com

ER Doc Finance provides concise money advice for busy ER docs. Visit our blog at erdocfinance.com.

Essential Organics**1517**

4660 La Jolla Village Drive

San Diego, CA 92121

p 619-779-9161

w essentialorganicsus.com**European Society for Emergency Medicine (EUSEM)****2120**

Quellinstraat 49

Antwerp 2018

Belgium

p +323 204 1952

w eusem.org**F****Fathom****935**

51 Federal St., Suite 402

San Francisco, CA 94107

p 415-404-8000

w fathomhealth.com**Financial Designs, Inc.****921**

11225 College Blvd., Suite 300

Overland Park, KS 66210

p 913-451-4747

w financialdesignsinc.com

Financial Designs, Inc. (FDI) is a financial consulting and services firm committed to the development of custom-designed financial strategies for emergency physicians. FDI assists emergency physicians throughout the nation. The firm's services include retirement, investment, insurance, tax planning, and asset protection.

FirstNet Built with AT&T**424**

208 S. Akard St.

Dallas, TX 75202

p 865-438-8116

w firstnet.com

FirstNet, built with AT&T, is the only network built with and for first responders—and those who support their vital efforts. We are accountable to keeping your lines of communication open with dedicated mission critical solutions that will modernize public safety.

Fisher & Paykel Healthcare**1308**

173 Technology Drive, Suite 100

Irvine, CA 92618

p 949-453-4000

w fphcare.com

Fisher & Paykel Healthcare, a world leader in heated humidification systems. In your ED, Optiflow™ delivers humidified gas, with or without supplemental O₂, at flows up to 60 LPM for the treatment of respiratory compromise patients. Clinical evidence proves that early implementation of NHF, at flows up to 60L/min, can reduce escalation and risk of intubation. Reducing therapy escalation to mechanical ventilation can provide fewer ICU admissions, improved bed flow, and reduced ED boarders.

Flosonics Medical**735**

56 Walford Road

Sudbury, ON P3E 2H3

Canada

p 249-377-6446

w flosonicsmedical.com

Flosonics Medical is a Canadian point-of-care ultrasound company founded on the mission to pioneer wearable technology that improves patient care. With deep domain expertise in critical care medicine and ultrasound technology, the company developed the world's first wireless, wearable Doppler ultrasound system that enables rapid, repeatable, and trusted hemodynamic assessments throughout the continuum of care. FloPatch is hands-free, easy-to-use, and can be deployed in under one minute.



F-G

Fracture Detection 414

2400 Hunters Way
Charlottesville, VA 22911

p 800-645-7508

w medicalcountermeasures.gov

BARDA has partnered with RIVANNA to develop the Accuro XV rapid fracture detection platform. BARDA is supporting the advanced research and development of the Accuro XV from a benchtop prototype to a fully functional, market-ready fracture detection device with decision-assist technology to help advance emergency medicine. Please stop by the booth to know more about this innovative technology.

freeCME 1819

1010 Sync St., Suite 100
Morrisville, NC 27560

p 678-836-9076

w freecme.com

Fujifilm SonoSite 624

21919 30th Drive SE
Bothell, WA 98021

p 425-951-1200

w sonosite.com

FUJIFILM Sonosite, Inc., the world leader in bedside and point-of-care ultrasound (POCUS), delivers solutions that meet the imaging needs of the medical community. With headquarters near Seattle, the company is represented by a global distribution network in over 100 countries. As a recognized market leader, Sonosite continues to earn worldwide recognition for its innovative product line, educational programs, and advocacy for a broader understanding of ultrasound's many benefits.

G

Gaumard Scientific 1503

14700 SW 136th St.

Miami, FL 33196

p 305-971-3790

w gaumaRoad.com

Gaumard's commitment to improving patient care through simulation-based, healthcare education has been our foundation since 1946. Educators worldwide recognize our NOELLE® series for having revolutionized obstetric training. This commitment continues with the world's only completely tetherless family of simulators including the rugged Hal®, widely acclaimed Victoria®, and our newest member, Tory®.

GE Healthcare 324

500 W. Monroe St.

Chicago, IL 60661

p 312-405-5686

w gehealthcare.com

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare. From medical imaging, software & IT, patient monitoring & diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement, GE Healthcare helps medical professionals focus on delivering better outcomes.

Genentech 1200

1 DNA Way

South San Francisco, CA 94080

p 650-225-1654

w gene.com

For more than 40 years, we've been following the science, seeking solutions to unmet medical needs. As a proud member of the Roche Group, we make medicines to treat patients with serious medical conditions. We are headquartered in South San Francisco, California.

Gryphon Healthcare 616

4700 W. Sam Houston Pkwy N., Suite 140
Houston, TX 77041

p 713-818-7571

w gryphonhc.com

Gryphon Healthcare was founded by physicians and nurses and understands the unique needs of physician groups and practices. Gryphon provides revenue cycle, coding and compliance, and consulting services for hospitals, emergency departments and physicians, ambulatory surgery centers, imaging centers, independent labs, healthcare facilities, large physician groups, and private practices. Call us today at 251-421-2095 or visit us online at gryphonhc.com for more information.

Gulfcoast Ultrasound Institute 724

111 2nd Ave. NE, Suite 800

St. Petersburg, FL 33701

p 727-363-4500

w gcus.com

Gulfcoast Ultrasound Institute is the gold standard when it comes to ultrasound education. More than 160,000 medical professionals have received education through Gulfcoast Ultrasound's seminars, products, and online education since 1985. GUI's participant-to-instructor ratio is the lowest in the industry at 3:1. Customized onsite training and live ultrasound webinars are also available.

Guthrie Clinic 1015

1 Guthrie Sq.

Sayre, PA 18840

p 570-887-6497

w ichoseguthrie.org



Guthrie, founded in 1910, provides comprehensive team-based care to patients from an 11-county service area. Guthrie Clinic is comprised of four hospitals, 500 physicians and advanced practice providers in a regional office network made up of 45 subspecialty and primary care sites in 21 communities. In addition, we offer a wide range of services and programs, including home health and home care services, GME, and a research institute.

H

HEALTH BEST INTERNATIONAL LLC 706

485 Brickell Ave., Suite 4802
Miami, FL 33131
p 305-981-6658
w healthbestinternational.com

HeartLung Corp 1510

1124 W. Carson St., Lundquist Institute,
MRL Building, 3rd Floor, Suite 338
Torrance, CA 90502
p 650-448-8089
w heartlung.ai

Hippo Education 400

21250 Califa St.
Woodland Hills, CA 91367
p 323-244-8590
w hippoem.com

Hippo Education is a crack team of educators and creative thinkers on a mission to radically change medical education. We create innovative and entertaining education of unsurpassed quality.

Huddy ED Design 1318

3558 S. Dobys Bridge Road
Fort Mill, SC 29715
p 803-517-7522
w huddyhealthcare.com

Emergency Department Design Consultant. We work with local architects and inhouse design teams to deliver the experience of over 300 ED projects to your design team. Jon Huddy, author of the last two editions of ACEP's book on ED Design, is considered the international expert on high-performance ED operational flow and design. Huddy leverages your unique patient and performance data to position your team to create a caregiver-centered safe, flexible, and highly efficient ED design solution.

I

ICARE USA 1125

4700 Falls of Neuse Road, Suite 245
Raleigh, NC 27609
p 510-361-1923
w icare-usa.com

Our innovative devices deliver objective, repeatable, and accurate measurements of IOP, visual fields, and retinal imaging in the clinic and at home. Our portfolio includes the tonometry line with the TAO1i, ic100, ic200, and Icare HOME. The Automated TrueColor Confocal Fundus imaging systems include the DRS, DRSplus, EIDON Wide-Field system (with AF and FA options), as well as the MAIA Microperimeter and COMPASS Fundus Perimeter with fundus imaging.

IDMED corp 1432

1777 NE Loop 410, Suite 644
San Antonio, TX 78217
p 210-793-8941
w idmedusa.com

ImagineSoftware 1104

8757 Red Oak Blvd.
Charlotte, NC 28217
p 704-553-1004
w imagineteam.com

Ask us how we automate and improve financial efficiency for emergency organizations across the U.S. ImagineSoftware is a leading provider of billing automation software and revenue management applications, offering powerful technology solutions for medical billing offices, practices, and hospitals, currently serving more than 46,000 physicians. ImagineSoftware solutions enhance financial efficiency, build provider reputation, and ultimately improve patient experience.

Inari Medical 806

6001 Oak Canyon, Suite 100
Irvine, CA 92618
p 714-260-4422
w inarimedical.com

Inari Medical is pioneering therapeutic treatments for venous thromboembolism by developing thrombectomy products to extract large clot burden from big vessels without the need for thrombolytic drugs.

Innova Emergency Medical Associates 827

9888 W. Belleview Ave., #5114
Denver, CO 80123
p 844-466-6827
w innovaem.com



Emergency care reimaged. Innova is redefining what an emergency medicine group should be. Through innovative ideas and best-in-class approaches, our

physicians are helping hospitals transform their emergency departments—from patient care, to results, to community value.

Integrated WealthCare 1105

3100 Tower Blvd., Suite 1660
Durham, NC 27707
p 919-827-0832
w iwcglobel.net

Intelligent Ultrasound North America 1300

12600 Deerfield Parkway, Suite 100
Alpharetta, GA 30004
p 770-777-8211

w intelligentultrasoundsimulation.com

The guiding principle for Intelligent Ultrasound is to develop world-class ultrasound simulation technologies and artificial intelligence software to improve the education, quality, and speed of ultrasound scanning in the clinical environment. We pride ourselves on our innovative approach to technology and our ability to offer the latest in ultrasound software and hardware solutions for educational and clinical needs. Our products offer the very latest in advanced ultrasound simulation.

I-K

Iris Telehealth**1613**

114 W. Seventh St., Suite 900
Austin, TX 78701
p 888-285-2269
w iristelehealth.com



Iris Telehealth is a leading provider of telepsychiatry services for hospitals, health systems, and community health centers across the U.S. We strive to deliver

clinically sound and financially sustainable telepsychiatry in order to help our partners meet their behavioral health goals and save their communities. For more information, visit iristelehealth.com.

Irrimax (Irrisept)**614**

1665 Lakes Parkway
Lawrenceville, GA 30043
p 770-887-3355
w irrisept.com

Irrimax Corporation is focused on reducing infections, healthcare costs and improving patient outcomes. Irrimax manufactures Irrisept Antimicrobial Wound Lavage, a single-use, manual, self-contained irrigation device comprised of 0.05% Chlorhexidine Gluconate (CHG) in 99.95% Sterile Water for Irrigation, United States Pharmacopeia (USP). Visit www.irrisept.com to learn more or request a sample.

IU Kelley School of Business Physician MBA**910**

801 W. Michigan St.
BS 3024
Indianapolis, IN 46202
p 317-274-3855
w kelley.iupui.edu/physician-mba

Medical school taught you how to care for patients. We teach you how to take care of the healthcare system. The Physician MBA at the top-ranked Indiana University Kelley School of Business gives you business tools to understand why healthcare problems exist and management skills to solve them. In our 21-month, physician-only MBA program, you'll learn to lead people and drive change. You'll be positioned as a physician leader to make bold changes—for healthcare and yourself.

J

Janssen Pharmaceuticals, Inc.**1618**

1125 Trenton-Harbourton Road
Titusville, NJ 08560
p 724-742-5138

w janssenpharmaceuticalsinc.com

Janssen Pharmaceuticals, Inc., a pharmaceutical company of Johnson & Johnson, aims to create a world without disease. We bring together the best minds and pursue the most promising science in areas of critical need. We collaborate with the world for the health of everyone in it. Learn more at janssen.com.

K

Kaiser Permanente/ The Permanente Medical Group**1401**

1800 Harrison St., Seventh Floor
Oakland, CA 94612
p 510-390-2132

w tpmg.permanente.org



Through leadership in the use of advanced technology, our innovative solutions and our influence on health policy and reform, Kaiser Permanente is

shaping the future of healthcare in the nation. We are proud of our physicians who work collaboratively to create a culture of healing to provide comprehensive care and help each member maximize their total health. Learn more about our mission by visiting our booth.

KARL STORZ**Endoscopy-America, Inc.****1132**

2151 E. Grand Ave.
El Segundo, CA 90245
p 424-218-8100
w karlstorz.com

The C-MAC® platform from KARL STORZ offers a comprehensive array of airway management devices for routine and emergency intubation in all settings. Video laryngoscopes and flexible intubation scopes are available in reusable and single-use versions in adult, pediatric, and neonatal sizes. Create a tailored solution that minimizes your cost per procedure so you can maximize your patient care. Choice changes everything. Learn more at karlstorznetwork1.com.

Keystone Healthcare Partners**1100**

6075 Poplar Ave., Suite 401
Memphis, TN 38119
p 901-795-3600
w keystonehealthcare.com



Keystone Healthcare Partners (Keystone Healthcare) is a leading provider of emergency medicine and hospital medicine physician management services and staffing

solutions for hospitals. We efficiently deliver high-quality, patient-centered care through strong physician leadership and involved management that drive our innovative and integrated business model and performance metrics.

KPG Provider Services**805**

101 Convention Center Drive, Suite 605
Las Vegas, NV 89109
p 725-214-2278
w kpgproviders.com



KPG's consultants are dedicated to locating the best providers your state has to offer and are committed to partnering with the top hiring organizations in

California, the West Coast, and nationwide. As a top recruitment agency in California, the West Coast, and more, we match top talent with great healthcare jobs in California, the West Coast, and beyond. We understand the local talent market, the challenges unique to the area and operate on your schedule.

L

Lehigh Valley Health Network 504

707 Hamilton Blvd.
Allentown, PA, 18101
p 484-375-9398
w lvhn.org

Lexx Healthcare 1010

210 N. University Drive, Suite 502
Coral Springs, FL 33071
p 754-529-8504
w lexxhealth.com



Lexx Healthcare is a boutique healthcare staffing agency. Our services begin with an honest passion for people. Providers and clients seeking a personalized

approach to locum tenens and permanent placement will immediately notice the advantages of working with us. Our expert team facilitates all aspects of your experience quickly and professionally. LEXX GO! 888-440-8111, lexxhealth.com/

LifeFlow by 410 Medical 1602

201 W. Main St.
Durham, NC 27701
p 844-410-0410
w 410medical.com

The LifeFlow® PLUS blood and fluid infuser is an easy-to-use portable device for treating critically ill patients in need of rapid and controlled infusion of blood or crystalloids. LifeFlow is designed to allow providers to carefully titrate volume to meet the unique needs of the patient, enabling rapid reassessment and treatment decisions.

LocumTenens.com 510

2575 Northwinds Parkway
Alpharetta, GA 30009
p 678-690-7557
w locumtenens.com



LocumTenens.com is your full-service locum tenens agency. Whether you're looking for a great locums job or a great clinician, our tenured agents possess the

specialized knowledge and personal connections to take care of you and your search. In a complex healthcare market, in an era of increased choice and competition, join the team that works for you.

LogixHealth 1516

8 Oak Park Drive
Bedford, MA 01730
p 781-280-1736
w logixhealth.com

LogixHealth has over two decades of experience providing full service coding, billing and revenue cycle solutions for emergency departments, hospitals, and physician practices for millions of ED visits annually. LogixHealth provides of unsurpassed software-enabled revenue cycle management services, offering a complete range of solutions, from coding to claims management to providing the latest business intelligence reporting dashboards for clients in over 40 states.

Lone Star Alliance, RRG (LSA) 1406

901 S. Mopac Expressway
Barton Oaks Plaza, Suite 500
Austin, TX 78746
p 512-425-5862
w lonestara.com

Lonestar Alliance RRG provides medical professional liability insurance to physicians, affiliates, allied healthcare professionals, and groups both large and small. We offer flexible, superior coverage in multiple states to support groups wherever they grow. And we create custom-made coverage to give you exactly what you want. Flexible coverage means having the freedom to choose. And the freedom to grow.

LumiraDx 1006

221 Crescent St., Fifth Floor
Waltham, MA 02453
p 888-586-4721
w lumiradx.com/us-en

LumiraDx is transforming community-based healthcare by providing fast, accurate and comprehensive diagnostic information at the point of need, enabling better medical decisions and improved outcomes at a lower cost. The LumiraDx Platform is designed to perform a broad menu of tests and deliver lab-comparable performance with results within 12 minutes.

M

Mar-Med 702

333 Fuller Ave. NE
Grand Rapids, MI 49503
p 614-454-3000
w marmedco.com

Mar-Med is a family-owned device manufacturer in Grand Rapids, Michigan. Over 30 years ago, we invented the Tourni-Cot product, a simple yet safe and effective digit tourniquet. Now we introduce three new products: Balloon Extractor, a nasal extractor for foreign bodies; Uni-Cot, a next-generation, one size fits all version of the original Tourni-Cot; and Derma-Stent, a cutaneous abscess treatment device based on new minimally invasive techniques. Stop by our booth to receive samples!

M



Marshfield Clinic Health System

Marshfield Clinic Health System 1611

1000 N. Oak Ave.
Marshfield, WI 54449
p 715-221-5775

w marshfieldclinic.org/recruit



Your ideal practice might be nestled in the beauty of Wisconsin/Michigan where 4-season outdoor recreation meets innovative, quality healthcare. Established in 1916 and with

1,600+ physicians, Marshfield Clinic serves patients through accessible, high-quality healthcare, research, and education. Offering a generous 2-year guaranteed salary, \$100,000 sign-on, competitive incentives options, and a comprehensive benefit program as well as teaching and research at your fingertips.

Medecipher Solutions 726

3513 Brighton Blvd., Suite 400
Denver, CO 80216
p 901-848-3900
w medeciphersolutions.com

Medicus Healthcare Solutions 2021

22 Roulston Road
Windham, NH 03087
p 603-212-9839
w medicushcs.com



Medicus believes that a partnership is built on trust, results, and consistency. Medicus is well-versed in staying ahead of emerging healthcare trends and

always delivers on what we say we will. With over 200 employees — with headquarters in Windham, New Hampshire — we are one of the fastest-growing companies in the healthcare staffing industry. When connecting with Medicus on your job search, you gain access to our long-standing relationships with decision-makers at health care facilities nationwide.

Mediserv Medical Information Services, Ltd. 601

6300 Ridglea Place, Suite 201
Fort Worth, TX 76116
p 817-247-4948
w mediservltd.com

Mediserv provides billing, coding, and reimbursement services for emergency physicians across the country. It is a company dedicated to providing the most reliable, client-focused service in the industry. Owned and operated by CPAs with over 30 years of healthcare, accounting, and tax experience, Mediserv has the stability and capability to maximize your cash flow potential. To learn more about Mediserv, contact Clark Kemble.

Medstaff National Medical Staffing 625

15200 Weston Parkway, Suite 104
Cary, NC 27513
p 919-655-1304
w medstaffLT.com



At Medstaff, we focus on meeting the demands of physicians in all specialties, an approach that allows us to fulfill the requirements of providers and clients nationwide.

And while our diversification acquired over the years now extends to the permanent recruitment needs of our clients, our experience in locum tenens continues to be at the core of our highly adaptive business.

Melinta Therapeutics 917

44 Whippany Road, Suite 280
Morristown, NJ 07960
p 844-633-6568
w melinta.com

Melinta Therapeutics, Inc. (NASDAQ: MLNT) is a commercial-stage pharmaceutical company dedicated to meeting the continually evolving threat of bacterial infections by discovering, developing, and commercializing a continual stream of novel antibiotics to provide new therapeutic options.

MeMed Diagnostics 1814

5 Nahum Het St.
High-Tech North Park
Tirat Carmel 3508504
Israel
p 972-4-8500302
w me-med.com

At MeMed, a leader in host response technologies, we decode the body's complex signals into simple insights that improve people's lives. By leveraging our expertise in host-response profiling and machine learning algorithms, we are creating a portfolio of tests that address tough clinical dilemmas. We have developed a point-of-need, rapid measurement platform called MeMed Key® to ensure timely availability of these novel tests during the clinician's decision-making workflow.

Memorial Hermann Health System 1033

909 Frostwood Drive, Suite 1.100
Houston, TX 77024
p 713-927-2626
w memorialhermann.org

Caring for the health of our community is at the center of everything we do. Memorial Hermann is a non-profit, award-winning health system committed to redefining healthcare for the diverse populations in our community. The physicians and staff practice the highest standards of evidence-based medicine to provide personalized, outcomes-driven care. We are dedicated to advancing health by providing expanded access to care with an unmatched focus on quality, safety, and exceptional service.

Mindray 1224

800 MacArthur Blvd.
Mahwah, NJ 07430
p 201-995-8000
w na.mindray.com

Mindray is a leading global developer, manufacturer, and supplier of medical solutions on a mission to advance medical technologies to make healthcare more accessible. Our comprehensive ultrasound, patient monitoring, and anesthesia delivery solutions provide leading-edge technology that meets the diverse demands of your department. Together, we are creating a higher standard for healthcare.

Money Script Wealth Management LLC

2020

610 Uptown Blvd., Suite 2000
Cedar Hill, TX 75104

Phone: 310-462-3550

Website: moneyscriptwealth.com

At Money Script Wealth Management, our philosophy is to educate you on basic financial principles and empower you to write your personal Money Script! We want to help you improve your financial future.

Mount Sinai Health System

420

555 W. 57th St., 19th Floor, Room 19-88
New York, NY 10019

p 917-697-9522

w careers.mountsinai.org/emergency-medicine



The Department of Emergency Medicine is committed to excellence in emergency clinical care, education, and research. The Mount Sinai Emergency Medicine

Department is one of the largest in the country, affiliated with Elmhurst Hospital Center, a trauma center, affiliated with Mount Sinai Urgent Care Network and is part of NYC's public health system. The Emergency Medicine Service Line has over 200 faculty and treats over 500,000 patients annually.

Multiphze, LLC

933

1200 S. Brand Blvd., Suite 801
Glendale, CA 91204

p 805-265-3484

w multiphze.com

Multiphze is a medical device company based in Glendale, California, that has developed a novel method for the management of blood-infected urine, designed to fulfill the unmet clinical needs that has existed for decades with today's methods and tools. Multiphze, LLC offers a patented, OSHA-compliant solution for medical management of blood-tinged urine for use by urologists, ER doctors, and nursing staff.

N**Nanosonics Inc**

620

7205 E. 87 St.
Indianapolis, IN 46256

p 760-484-1321

w nanosonics.us

Nanosonics is a global innovator in infection prevention. Now you can tap into trophon®2, its latest innovation in ultrasound probe HLD. It features an enhanced design, simple, and fast workflows, plus all new AcuTrace™ for digital recordkeeping and seamless integration with your hospital IT system. Visit Nanosonics Booth 620.

National Board of Echocardiography

1607

3739 National Drive, Suite 202
Raleigh, NC 27612

p 919-861-5582

w echoboards.org

The National Board of Echocardiography, Inc. is a physician, volunteer-led not-for-profit corporation. Established in 1996 to develop and administer examinations and certifications that enhance and recognize physician expertise in echocardiography and related fields. The following examinations are administered by the NBE: ASCeXAM, ReASCE, Advanced PTEeXAM, ReAPTE, Basic PTEeXAM, ReBasic PTEeXAM, and CCEeXAM. Visit our booth for a chance to win an exam.

National Disaster Life Support Foundation (NDLSF)

531

AF-2044, 1120 15th St.
Augusta, GA 30912

p 706-721-0373

w ndlsf.org

The National Disaster Life Support Foundation is a non-profit foundation dedicated to the establishment and promotion of standardized, multidisciplinary, all-hazards, competency-based training for preparedness and response to mass casualty events. Our courses are conducted by over 110 globally distributed accredited training centers. More than 210,000 individuals have been trained. For more information, see ndlsf.org.

National Foundation of Emergency Medicine

505

25 S. Charles St., Suite 2015
Baltimore, MD 21201

p 520-626-3236

w nfem.org

Navajo Area Indian Health Service

407

P.O. Box 1337
Gallup, NM 87301

p 505-722-1772

w ihs.gov/navajo/healthcarefacilities/gallup



Navajo Area Indian Health Services is currently hiring emergency medicine physicians who are interested in practicing "REAL" Emergency Medicine, in a Global

Health like setting. Visit Booth 407 to learn more about our interesting opportunities.

NES Health

1612

39 Main St.
Tiburon, CA 94920

p 800-394-6376

w neshealth-care.com

NeuroOptics

1332

9223 Research Drive
Irvine, CA 92672

p 949-250-9792

w neurooptics.com

NeuroOptics Pupillometer Systems provide accurate, reliable, and objective measurement of pupil size and reactivity in any patient requiring a neurological examination. The pupillometer expresses pupil reactivity numerically as the Neurological Pupil Index—NPI®—to enhance the pupillary assessment and assist in the triage of patients with altered mental status and potential neurological injury.



N-P

Northwest Seminars, Inc. 1713

1412 N. Fifth Ave.
Pasco, WA 99301
p 509-547-7065

w northwestseminars.com

Northwest Seminars in joint sponsorship with The A. Webb Roberts Center for continuing medical education of Baylor Health Care System, Dallas, provides accredited educational opportunities, whether conferences or focused workshops for post-graduate emergency medical specialists. Each conference is held in one of a wide variety of venues throughout every season of the year. Although the titles may be the same, each conference is distinctly different from the others in content and faculty.

Nova Biomedical 825

200 Prospect St.
Waltham, MA 02453
p 781-894-0800

w novabiomedical.com

Nova is a world leader in point-of-care and critical care diagnostics. The Stat Profile® Prime Plus blood gas critical care analyzer measures 22 tests from a drop of blood in under 2 minutes and features maintenance-free cartridge technology and automated liquid QC. StatStrip® Glucose meters measure glucose while eliminating interferences; StatStrip Lactate provides rapid POC testing of tissue perfusion, with 13-second results.

Nova Scotia Health Authority 734

1465 Brenton St., Suite 400B,
Halifax, NS B3H 2Y9, Canada
p 902-233-2162

w recruitment.nshealth.ca/

NozPak 406

873 W. McKenna Road
Bluffdale, UT 84065
p 877-627-2554

w entschoice.com



Nuance Communications 709

1 Wayside Road
Burlington, MA 01803
p 781-565-5000

w nuance.com

Nuance Healthcare solutions capture, improve, and communicate 300 million patient stories each year, to help clinicians in 10,000 healthcare organizations drive better outcomes. Our AI solutions, from Dragon Medical One to ED Guidance for Dragon Medical Advisor, transform documentation to advance the effectiveness of your organization. Nuance is now part of Microsoft, together bringing industry-leading AI and expertise.

O Optum 732

11000 Optum Circle
Eden Prairie, MN 55344
p 630-335-5021

w workatoptum.com



At Optum, our goal is to create one of the leading medical groups and high-value ambulatory care delivery networks in the country.

Our 53,000+ physicians work together with more than 12,000 advanced practice clinicians providing patient-centric care and pushing the boundaries of what's possible to help millions live healthier lives.

P

Panacea Financial 1129

3604 Kavanaugh
Little Rock, AZ 72205
p 617-817-2291

w panaceafinancial.com

Panacea Financial is banking for doctors, by doctors. Co-founded by two physicians who were frustrated with the traditional banking sector, all of their products and services are designed from the ground up for medical students, residents, fellows, and emergency physicians — it's the bank for doctors!

Pendrick Healthcare Partners 1702

2331 Mill Road, Suite 510
Alexandria, VA 22314
p 703-768-7020

w pendrickhealthcare.com

Pendrick Healthcare Partners works with leading hospital systems and physician networks to improve the patient financial experience and optimize the revenue cycle. Our consultative approach and proprietary platform bring together expertise and data to deliver a comprehensive solution for the management of patient responsibility volume. To learn more, visit PendrickHealthcare.com.

Penn State Health**708**

100 Crystal A Drive
CA230
Hershey, PA 17033

p 717-531-6205

w pennstatehershey.org/web/emergencymedicine/home



Located in central Pennsylvania, the Penn State Health system offers inviting and safe communities to live, work, play, and learn. Our neighborhoods boast a

reasonable cost of living whether you prefer a more suburban setting or thriving city rich in theater, arts, and culture. The area is rich in history and offers all the beautiful inspiration of the four seasons conveniently located within a short distance to major cities including Philadelphia, New York City, Baltimore, and Washington DC.

PEPID, LLC**818**

300 W. Clarendon Ave., Suite 300
Phoenix, AZ 85013

p 847-491-9100

w pepid.com

The gold standard for emergency medicine decision support, PEPID covers the full spectrum of emergency medicine and is designed for rapid access and immediate results. As a core provider of peer-reviewed disease content and the leading drug reference, PEPID takes you from optimized diagnostics to accurate treatments in seconds. No books. No search engines. Just one trusted curation of EM essentials and tools—seamlessly delivered at the point of care.

PETTIGREW**929**

7982 Macon Highway
Watkinsville, GA 30677

p 800-540-2903

w pettigrewmedical.com

PETTIGREW is a full-service revenue cycle management company co-founded by emergency department physician Chip Pettigrew in 1989. We offer a complete suite of products and services designed to maximize collections and streamline the revenue cycle management process for our clients. PETTIGREW will help you save time and money with our proprietary billing and coding processes, home-grown technologies, and highly competent onshore and offshore labor force. Contact us today for a free consultation.

Pfizer Inc.**932**

235 E. 42nd St.
New York, NY 10017

p 610-506-5496

w pfizer.com

Visit the Pfizer Inc, U.S. pharmaceuticals exhibit featuring GEODON® (ziprasidone hydrochloride).

PHI Medical Office Solutions**519**

5401 Roberts St.
Shawnee, KS 66226

p 913-738-9134

w phimedos.com

Philips**1818**

3000 Minuteman Road
Andover, MA 01810

p 612-306-7500

w philips.com

Philips is a leading health technology company focused on improving people's health and enabling better outcomes across the health continuum—from healthy living and prevention, to diagnosis, treatment, and home care.

Phycon**824**

4401 W. Memorial Road, Suite 121
Oklahoma City, OK 73134

p 405-751-4664

Phycon, Inc. is physician-owned, specializing in emergency billing, coding, practice management, and consulting for hospitals and private physician groups nationwide. Our comprehensive service includes professional and facility coding, billing, managed care plan analysis, report tracking, documentation evaluation, and training. With Phycon's state-of-the-art dashboard, clients have access to daily reports personally tailored to their practice.

Physicians' Choice LLC**1918**

21860 Burbank Blvd., Suite 120
Woodland Hills, CA 91367

p 818-340-9988

w physchoice.com

Physicians' Choice provides a full array of coding, billing, payer negotiation, and data management to emergency medicine groups and urgent care centers with unmatched, state-of-the-art, proprietary applications. Physicians' Choice provides revenue cycle management services for over one million visits annually. For more information, please contact: John D. Uphold, MD, FACEP juphold@physchoice.com; Greer Contreras, CPC gcontreras@physchoice.com; or Jonathan D. Sturm, jsturm@physchoice.com.

PolyMedics Innovations Inc (PMI)**503**

8681 Highway 92, Suite 308
Woodstock, GA 30189

p 646-604-2771

w polymedics.com/us

PMI is an R&D-driven specialist in innovative solutions for the effective treatment of wounds, distributing its products globally. SUPRATHIEL®: "The temporary second skin" is a synthetic, single application membrane and alloplastic skin substitute for burn/trauma wounds. SUPRA SDRM®: Synthetic guided wound closure matrix is a novel approach to manage difficult to heal wounds.

P-Q

Porter Instrument**816**245 Township Line Road
Hatfield, PA 19440

p 956-303-7899

w porterinstrument.com/medical

Porter Instrument has been manufacturing nitrous oxide and oxygen delivery systems for over 50 years to help manage patient pain and anxiety during ED procedures. Nitronox Plus is the only demand-flow system that offers adjustable nitrous oxide and can be used with pediatric patients. Nitronox Plus offers additional features including a key lock system for safety and security and a low gas pressure alarm that alerts you when either gas is running low. To learn more, stop by the Porter Instrument booth.

PracticeLink, Ltd.**1211**415 Second Ave.
Hinton, WV 25951

p 304-250-4424

w practicelink.com

Physicians searching for their first or next practice rely on PracticeLink—the career advancement resource for physicians. PracticeLink helps

physicians find the practice opportunities that best suit their personal and professional needs, and provides helpful career development and job-search information.

Praxi Physician Management, LLC**607**414 Woodgate Drive
Chapel Hill, NC 27516

p 214-415-8029

w praximanagement.com

Praxi offers practice management solutions for hospital-based physician practices. With our ED PM experience, we are uniquely qualified to assist your practice in achieving optimal results. On behalf of hundreds of clients over 30 years, we have negotiated contracts with hospitals, implemented and maintained RVU and incentive-based comp plans, recruited, credentialed and scheduled physicians and APPs, and maintained all of the groups' books and records.

Precision Medical Devices**1526**153 W. Avenida de las Flores
Thousand Oaks, CA 91360

p 949-279-4334

w thetring.com

Wound repair without needles and sutures. A little TLC™ is better than sutures for most finger lacerations. Experts now recommend using the T-RING, the NEW "T-STRIP" and Topical Laceration Closure (TLC)™ techniques for almost all finger lacerations. Save time, reduce costs, and eliminate the need for painful injections, sutures, and unnecessary follow-up visits. Come see the "T-RING," the world's first one-size-fits-all tourniquet for digits.

Presbyterian Healthcare Services**1404**

P.O. Box 26666

Albuquerque, NM 87125

p 505-923-5567

w [p hs.org](http://phs.org)

Presbyterian Healthcare Services exists to improve the health of patients, members, and the communities we serve. We are a locally owned, not-for-profit

healthcare system of nine hospitals, a statewide health plan, and a growing multispecialty medical group. Founded in New Mexico in 1908, we are the state's largest private employer with nearly 14,000 employees—including more than 1,600 providers and nearly 4,700 nurses.

Prisma Health**1714**701 Grove Road
Greenville, SC 29605

p 864-797-6114

w ghs.org

Clinical and academic emergency physician opportunities—Greenville Health System (GHS) seeks BC/BE emergency physicians to become faculty in the newly established

Department of Emergency Medicine. Successful candidates should be prepared to shape the Emergency Medicine Residency Program and contribute to the academic output of the department. *Public service loan forgiveness program qualified employer.

ProAssurance**1521**2600 Professionals Drive
Okemos, MI 48864

p 800-282-6242

w norcalmutual.com

ProAssurance provides medical professional liability insurance and risk management services for health care providers of all sizes and types. Our team uses regional expertise to create customized coverage solutions. ProAssurance Group is rated A (Excellent) by AM Best and is the third largest medical professional liability carrier in the country.

ProScribe**1024**16414 San Pedro, Suite 525
San Antonio, TX 78232

p 210-545-2500

w proscribemd.com

ProScribe is passionate about improving the lives of providers and their patients through the use of medical scribes. Since 2010, ProScribe has increased provider productivity, decreased door-to-provider time and most importantly enhanced the providers' quality of life nationwide. It's time to get back to allowing physicians to do what they love and leave the data entry to our highly trained ProScribe medical scribes. We focus on the documentation; the physician focuses on the patient.

Q

QGenda + Shift Admin**807**3280 Peachtree Road NE, Suite 1400
Atlanta, GA 30305

p 770-399-9945

w QGenda.com

QGenda is the leading innovator in provider operations and healthcare workforce management, with solutions for credentialing, physician scheduling, nurse and staff scheduling, on-call scheduling, room and capacity management, time tracking, compensation management, and workforce analytics. QGenda serves more than 4,000 organizations in over 45 medical specialties. Leading healthcare organizations use QGenda to advance provider scheduling, optimize capacity, and improve access to care.

Quidel

9975 Summers Ridge Road
San Diego, CA 92121

p 281-300-4513

w quidel.com

Quidel Corporation is a leading manufacturer of diagnostic healthcare solutions serving to enhance the health and well-being of people around the globe through the development of diagnostic solutions that accurately and quickly diagnose infectious diseases, as well as cardiovascular and metabolic conditions, allowing healthcare workers to quickly test and treat at the point-of-care, which leads to improved patient outcomes, providing numerous economic benefits to the healthcare system.

507**Resolv Healthcare**

200 N. Bryant Ave., Suite 10
Edmond, OK 73034

p 409-789-7481

w learn.resolvhealthcare.com/solutions

Since 1996, Resolv Healthcare has provided high-tech revenue cycle management solutions. Innovative works with forward-thinking independent medical professionals providing improved coding, efficient billing, and optimized revenue. Resolv's partners have access to provider and patient dashboards, sound documentation improvement strategies, EMR/EHR and hospital IS integration, and collection strategies with dynamic reporting capabilities.

1028**RIVANNA Medical**

2400 Hunters Way
Charlottesville, VA 22911

p 800-645-7508

w rivannamedical.com

RIVANNA's technology platform combines the benefits of ultrasound with bone imaging capabilities of X-ray to fill unmet clinical needs. BoneVision™ and BoneEnhance® optimize ultrasound image acquisition and visualization to provide radiation-free alternatives to X-ray-based imaging. When paired with SpineNav3D™ AI-enabled image recognition, the platform offers comprehensive clinician assistance that improves decision-making, clinician workflows, health outcomes, and patient satisfaction.

515**R****R1**

401 N. Michigan Ave., Suite 2700
Chicago, IL 60611

p 312-324-7820

w intermedix.com

R1's revenue cycle and practice management solutions seamlessly integrate with an emergency medicine group's operation, allowing organizations to collect more, spend less, and provide more time to care for patients. Additionally, R1 keeps its customers updated on industry changes actively addressing the financial and regulatory constraints that impact business performance. To learn more, visit r1rcm.com.

1708**Rare Disease Therapeutics, Inc.**

2550 Meridian Blvd., Suite 150
Franklin, TN 37067

p 615-399-0700

w raretx.com

Rare Disease Therapeutics, Inc. (RDT) is America's first exclusively orphan drug company committed to developing and marketing drugs for rare disorders. RDT is dedicated to patients with unmet medical needs, including envenomations. RDT and Laboratorios Silanes, S.A. de C.V. have a joint development and distribution agreement for F(ab)² antivenoms. Silanes is a world leader in the development and marketing of antivenom for snakes, scorpions, and spider envenomation on three continents.

908**Retrofit**

625 W. 57th St.
#2702

New York, NY 10019

p 800-288-1950

w retrofitmedical.com

Retrofit produces GynoCart, an innovative mobile gyn exam table that will turn any ER stretcher into a fully operational gyn exam table. Women often wait 2 hours or more in the ER for the gyn exam room to be available. With GynoCart, any ER stretcher becomes a gyn exam table so women don't have to wait.

1400**Rewbix Inc**

7349 Covered Bridge Drive
Austin, TX 78736

p 650-309-9099

w rewbix.com

2018**Ring Rescue Incorporated**

20 Orion Court
Dartmouth, NS B2Y 4W6
Canada

p 613-240-7641

w ringrescue.com

We are a medical device company that created a finger compression device to help professionals like you remove stuck rings non-destructively. Our patented solution shrinks finger size 100% of the time. Then it's up to you to remove the ring with the use of proper manipulation techniques and our non-hydrating lubricant. Our device significantly reduces the need for ring cutting and provides an effective solution to allow you to tackle difficult metals such as titanium and tungsten.

325**Ronan Healthcare Consultants**

1863 Wazee St., Apartment 4H
Denver, CO 80202

p 214-850-4334

w ronanhc.com

Ronan Healthcare Consultants simplifies the process of building compliance programs to protect healthcare organizations. With clients ranging from private equity groups to some of the nation's largest healthcare organizations, we've advised, collaborated, and built compliance programs to help healthcare organizations reduce their risk and exposure, become protected, and grow their organizations.

1716**Rosh Review**

10515 Talbot Ave.
Huntington Woods, MI 48070

p 248-376-3719

w roshreview.com

We have a game changer. Software to help you assess your resident's strengths and weaknesses, test hard-to-reach milestones, and prepare them for the certification exam. We believe in pushing the envelope. Doing the grunt work so that you can focus on what is important. Your emergency medicine board review experience is about to change. Expert question writers, high-yield content, comprehensive explanations—all in a simple, user-friendly interface.

1201



S

S

Safersonic US 728

2873 Arlington Ave.
Highland Park, IL 60035
p 847-274-1534
w safersonic.com

Discover the Cover! Safersonic Gel Free Ultrasound Transducer Covers represent the first innovation in this product category in over 30 years. We eliminate the need for gel under the cover. This allows Safersonic to be the only company offering a 1-foot-long ultrasound cover. Easy to apply quickly. Protect the equipment and your patients.

Salix Pharmaceuticals 1914

400 Somerset Corp Center
Bridgewater, NJ 08807
p 908-541-1312
w salix.com

For 30 years, Salix Pharmaceuticals has been committed to the prevention and treatment of gastrointestinal diseases. Salix licenses, develops, and markets innovative products to improve patients' lives and arm health care providers with life-changing solutions. Salix has headquarters in Bridgewater, New Jersey.

SAM Medical 411

12200 SW Tualatin Road, Suite 200
Tualatin, OR 97062
p 503-639-5474
w sammedical.com



Samaritan's Purse - International Relief 828

801 Bamboo Road
Boone, NC 28607
p 828-386-5923

w samaritanpurse.org/our-ministry/dart

Samaritan's Purse is a nondenominational evangelical Christian organization providing spiritual and physical aid to hurting people around the world. Since 1970, Samaritan's Purse has helped meet needs of people who are victims of war, poverty, natural disasters, disease, and famine with the purpose of sharing God's love through His Son, Jesus Christ. The organization serves the Church worldwide to promote the Gospel of the Lord Jesus Christ.

Sanford Health 1017

1305 W. 18th St.
Sioux Falls, SD 57105
p 701-234-6510

w sanfordhealth.org



Sanford Health, one of the largest health systems in the United States, is dedicated to the integrated delivery of healthcare, genomic medicine, senior care and

services, global clinics, research, and affordable insurance. With headquarters in Sioux Falls, South Dakota, the organization includes 44 hospitals, 1,400 physicians, and more than 200 Good Samaritan Society senior care locations in 26 states and nine countries.



ScheduleForward 1135

6354 E. Via de la Yerba
Tucson, AZ 85749
p 773-405-8427

w scheduleforward.com

ScheduleForward offers a simplified approach and incentive-based scheduling. Our tools have been designed by physicians for physicians. We provide multiple ways to build a schedule. Our AI-based algorithms follow individual preferences to give each provider their ideal schedules; it is not just a random schedule generator. Alternatively, give the full power of creating a schedule back to the providers and let them choose their own schedule using our unique lottery system.

SCP Health 924

200 Corporate Blvd.
Lafayette, LA 70508
p 337-354-1238

w scp-health.com



SCP Health (SCP) is a clinical company. At our core, we work to bring hospitals and healers together in the pursuit of clinical effectiveness. With a portfolio of

over 8 million patients, 7,500 providers, 30 states, and 400 healthcare facilities, SCP Health is a leader in clinical practice management, spanning the entire continuum of care, including emergency medicine, hospital medicine, wellness, telemedicine, intensive care, and ambulatory care.

ScribeAmerica 1218

1200 E. Las Olas Blvd., Suite 201
Fort Lauderdale, FL 33301
p 805-822-7262

w scribeamerica.com

ScribeAmerica is the nation's most frequently used medical scribe company with more than 15,000 employees in 50 states providing professional services for over 3,500 clients. With a ScribeAmerica scribe program, providers can increase reimbursements, leave on time, and improve job satisfaction, while delivering more efficient patient care directly at the bedside, not behind a computer. Let us show you how ScribeAmerica can help you increase productivity and spend more time with your patients.

SharpMed 1420

14350 N. Frank Lloyd Wright Blvd., Suite 10
Scottsdale, AZ 85260

p 630-232-8002

w sharpmed.com

SharpMed is an end-to-end medical device product design and development company partnering with inventors to create innovative products that improve clinical and operational efficiencies, while maintaining or reducing costs when compared to predicate devices. SharpMed positions these innovative products for strategic pre-commercial acquisition and licensing opportunities on behalf of the inventor.

ShiftGen, LLC 2014

1890 Oak Knoll Lane
Menlo Park, CA 94025

p 650-521-4517

w shiftgen.com

ShiftGen is a cloud-based scheduling platform. The scheduling features include automated schedule creation with a wide range of parameters, handling multiple sites simultaneously, mobile messaging, ability to limit overtime, tracking, one-click reports, payroll reports, and granular customizable user privileges. ShiftGen runs on a robust distributed computing system with frequent data back-up, ensuring that there are no scheduled downtimes. Long-term contracts are not required.

Siemens Healthineers 632

40 Liberty Blvd.
Malvern, PA 19355

p 610-209-1851

w siemens.com/diagnostics

Siemens Healthineers is committed to becoming the trusted partner of healthcare providers worldwide, enabling them to improve patient outcomes while reducing costs. Driven by our long legacy of engineering excellence and our pioneering approach to developing the latest advancements, we are a global leader in medical imaging, laboratory diagnostics, clinical IT, and services. usa.siemens.com/Healthineers

Simulab Corporation 1627

13001 48th Ave. S.
Seattle, WA 98168

p 206-297-1260

w simulab.com

Simulab is dedicated to replicating human anatomy and building realistic, affordable, and easy-to-use training tools for medical professionals that help save lives. For over 25 years, we have been the world leader in soft tissue simulation. With one touch, you'll see our tissues look, feel, ultrasound suture, and bleed like real human tissue.

**Society for Academic
Emergency Medicine** 610

1111 E. Touhy Ave., Suite 540
Des Plaines, IL 60018

p 847-813-9823

w saem.org

It is the mission of SAEM to lead the advancement of academic emergency medicine through education, research, and professional development.

Sound Physicians 1108

1498 Pacific Ave., Suite 400
Tacoma, WA 98402

p 253-569-9350

w soundphysicians.com



When you join Sound Physicians, you'll join a team of like-minded colleagues who are focused on delivering great performance. We invest in your professional

development through in-person and online courses, as well as mentorship from local and regional clinical leaders. We believe that engaged teams function more efficiently and provide better outcomes for our patients. We share your passion for transforming healthcare, and we welcome your contribution. Consider trusting your career with us.

**South Miami CritiCare, Inc.** 1834
6200 SW 73rd St.

Miami, FL 33143

p 786-662-5252

w smcriticare.com



South Miami CritiCare is a small and independent emergency medical group guided by a philosophy of creating a practice environment that provides both

superior care to our patients and a quality professional life and lifestyle for our physicians and mid-level providers. Serving Baptist Health South Florida since 1998, we exclusively staff hospitals that exemplify the finest in administration coupled with superior medical staffs uniquely supportive of our emergency departments and providers.

Spectral MD 1203

2515 McKinney Ave.

Dallas 75201

p 214-476-2514

w spectralmd.com

Spectral MD is a predictive analytics company that develops proprietary AI algorithms and optical technology for wound healing predictions. Spectral MD is working toward providing "Day One" healing assessments for burn wounds and diabetic foot ulcers (DFU) using its DeepView® wound imaging solution.

S-T

Staff Care**1304**

8840 Cypress Waters Blvd., Suite 300
Irving, TX 75019
p 800-685-2272

w staffcare.com



Staff Care, Inc. is the nation's leader in locum tenens staffing. Our role is to match qualified, independent contractor physicians with healthcare organizations requiring

temporary physician services. Locum tenens physicians maintain patient care, referrals, and revenue by covering vacancies due to vacation/CME, staffing shortages, increased census, and other causes.

Stull CPA**526**

3200 Riverfront Drive, Suite 204
Fort Worth, TX 76107

p 817-349-6099

w stullcpa.com

Stull CPA helps medical professionals navigate the financial and tax world of the 1099 independent contractor. We have built out business around you and strive to be a leader in client service and overall knowledge.

Surgical Science - Symbionix Simulators**925**

811 First Ave., Suite 408
Seattle, WA 98104

p 800-918-1670

w symbionix.com

Surgical Science offers Symbionix training solutions for emergency medicine trainees and practitioners. The Symbionix Ultrasound Mentor is a high-end medical simulator for the training of ultrasound-related examinations and interventions. The system supports a wide variety of medical specialties and its extensive emergency curriculum includes hands-on training modules for: Bedside Echocardiography, eFAST, Abdominal, TEE, TEE Emergency, basic skill tasks, and more.

T

TeamHealth**900**

265 Brookview Town Centre Way, Suite 400
Knoxville, TN 37919

p 865-293-5485

w teamhealth.com



TeamHealth is a physician-led, patient-focused company. Founded by doctors, for doctors, our success stems from the ingenuity, dedicated teamwork, and integrity of our people.

Teleflex, Inc.**801**

3015 Carrington Mill Blvd.
Morrisville, NC 27560

p 919-361-4018

w teleflex.com

At Teleflex, we believe in empowering emergency and trauma clinicians to save lives through assuring access to innovations in intuitive emergency medicine technology. Our portfolio of products, including the Arrow® EZ-10® System, QuikClot Control+® Hemostatic Devices, and QuikClot® Hemostatic Dressings, address the time-critical challenges of achieving vascular access and severe bleeding control. For more information, visit www.teleflex.com/ezio and www.quikclot.com/ed

Telespecialists, LLC**2024**

9110 College Pointe Court
Fort Myers, FL 33919

p 904-428-2098

w tstelemed.com

TeleSpecialists is a physician-owned management service organization committed to providing exceptional emergent and non-emergent neurology patient care via telemedicine 24/7/365 to hospitals across the U.S. TeleSpecialists is ISO 9001:2015 certified and is committed to providing services that are "Saving Lives Through Access—Anytime, Anywhere." Visit tstelemed.com for more information.

Telexy Healthcare, Inc**1232**

200-11830 223 St.
Maple Ridge, BC C1N 4P6
Canada

p 902-439-2302

w telexyhealthcare.com

Introducing Qpath E, the next evolution of Qpath to help you manage both training and clinical ultrasound workflow for your ED or for any POC ultrasound program. Streamline your processes for training, credentialing, quality assurance, image storage, documentation, billing, and more. Track program status using integrated analytics and reports. Transfer images to PACS and exam reports to the EMR using custom workflows. Document exam results directly on your U.S. system. Collect statistics for research.

The Dental Box**1032**

3145 E. McDowell Road
Phoenix, AZ 85008

p 602-413-4099

w thedentalbox.com

The "original" Dental Box, designed by an ED physician, provides for care of acute dental emergencies until definitive care by a dentist is arranged. The medications, pastes, glues, and anesthetics provide for easy care of fractures, subluxed teeth, avulsed teeth, dry sockets, deep dental caries, oral lacerations, loose appliances, bleeding mucosa, and oral ulcers. Each kit contains pictorial laminated, quick-reference cards and inventory lid insert and online access to "how-to" videos.

The SonoSim Ultrasound Training Solution for Emergency Medicine**606**

1738 Berkeley St.
Santa Monica, CA 90404

p 323-473-3800

w sonosim.com/our-solution

A worldwide leader in ultrasound training, SonoSim collaborates with 450+ residency programs and 70,000 medical professionals for remote and in-person ultrasound education. Access the award-winning and patented SonoSim Ultrasound Training Solution, which provides 77 peer-reviewed courses, on-demand scanning of real-patient cases and pathologies, performance tracking, and flexible high stakes simulation.

The Sullivan Group**707**

3513 Brighton Blvd., Suite 485
Denver, CO 80216
p 630-286-1188

w thesullivangroup.com

The Sullivan Group (TSG) provides trusted clinical content to improve patient safety and reduce diagnostic error. TSG delivers unparalleled depth in risk and safety educational content to ensure your clinicians have the knowledge to deliver the highest quality of patient care. Their RSQ® Solutions platform has delivered over 1 million courses to 95,000 clinicians impacting 20 million patient visits annually at over 1,000 acute care facilities.

The Whole Physician**1316**

6589 Abigail Lane
Republic, MO 65738
p 417-693-2228

w thewholephysician.com

The Whole Physician is three board certified emergency medicine physicians certified in life, health and wellness coaching. We help doctors overcome burnout and create the lives they always wanted. Stressed, crabby, exhausted? We've got you. Learn mindset training that's been used for years in business and professional sports to live intentionally, regain your peace, and create a purposeful, fulfilling life of your dreams.

Tribal Health**1925**

14818 N. 74th St.
Scottsdale, AZ 85260
p 480-221-8059

w tribalhealth.com

Trucorp Ltd.**804**

The Mount Business Park
2 Woodstock Link
Belfast BT6 8DD
United Kingdom
p 442890737281

w trucorp.com

Twiage**513**

366 Fifth Ave., Fourth Floor
New York, NY 10001

p 646-863-5000

w twiaged.com

Twiage is an award-winning digital health company that provides innovative technologies for pre-hospital communication, interfacility transfers and mobile integrated health, enabling EMS, hospitals and other health care providers to accelerate emergency care and efficiently handle non-emergency care.

U**UE Medical Devices, Inc.****1718**

831 Beacon St., Suite 136
Newton, MA 02459

p 617-610-2718

w uescope.com

UESCOPE® offers an affordable platform for emergency airway management which includes both video laryngoscopy and new video supraglottic airways experience. The new breakthrough Video LMA is a must-see device at this show, especially. Our product has outstanding reputation in video quality, low-profile blade, and extremely satisfactory user experience. Make your future airway smooth and easy using UE scopes.

University of Colorado Denver**605**

1550 Larimer St., PMB
Denver, CO 80202

p 303-315-8905

w business.ucdenver.edu/executivehealth

The Executive MBA in Health Administration program provides healthcare professionals the knowledge and tools to manage complex issues within the healthcare industry. Accelerate your career with a specialized MBA degree in two years. On campus and online format.

UPMC Emergency Medicine**1801**

3600 Meyran Ave., 10013
Pittsburgh, PA 15213

p 412-802-6637

w emergencyresourcemanagement.com



Physicians in the Department of Emergency Medicine at the University of Pittsburgh are able to avail themselves of the resources and opportunities available through

the UPMC Health System and the University of Pittsburgh School Medicine. We manage 14 emergency departments in Western Pennsylvania with over 700,000 patient visits per year. We are a regional group, small and cohesive, but part of a \$24 billion integrated delivery and finance health system—the model of healthcare in the future.

US Acute Care Solutions**1324**

4535 Dressler Road NW
Canton, OH 44718

p 330-994-4372

w usacs.com



USACS is the nation's leading physician-owned provider group of integrated acute care, serving 9 million patients annually in 500+ programs across 30 states.

Our clinicians enjoy a benefits package that includes excellent compensation, medical malpractice including tail coverage, an industry-leading, company-funded 401(k), healthcare and groundbreaking parental leave. Learn more at usacs.com.

US Army Healthcare Recruiting**2015**

185 Ninth Calvary Regiment Road
Munoz Bldg. 206

Fort Knox, KY 40121

p 502-626-1981

w goarmy.com



The U.S. Army Medical Corps has a variety of dynamic opportunities available for talented doctors to serve their country. Visit the Army Medical Corps booth to meet an

Army doctor and learn more about full-time positions in the Army or part-time positions in the Army Reserve.



V-W

V

Vapotherm 1624

100 Domain Drive
Exeter, NH 03833
p 603-658-0011
w vtherm.com

Vapotherm, Inc. is the inventor of high flow nasal cannula, and its advanced form: Vapotherm high velocity therapy. Delivering high velocity therapy, the Precision Flow® system offers clinicians a reliable tool for multiple patient populations. For respiratory distress patients presenting in the ED and ICU, high velocity therapy can provide not just oxygenation, but also Mask-Free NIV®—ventilatory support with the comfort of heated humidified high flow.

VBM Medical, Inc. 501

524 Herriman Court
Noblesville, IN 46060
p 317-776-1800
w vbm-medical.com

Difficult airway and emergency products. Feature products include: Quicktrach II, the quickest and simplest without scalpel, dilators or jet ventilator, one-step-procedure for emergency; ET Tube Cuff Inflator and Manometer, for ET tube cuff pressure control and monitor; and New Pelvic Sling, integrated lateral cuffs and manometer (for pressure control) help to fix and stabilize pelvis fractures smoothly and effortlessly. Design and manufactured by VBM Germany.

Ventra Health 1500

5001 Lyndon B. Johnson Freeway, Suite 320
Dallas, TX 75244
p 469-879-0165
w duvasawko.com

Ventra Health, formerly abeo, DuvaSawko, and Gottlieb, is a leader in outsourced revenue cycle management and practice management services for anesthesia, emergency medicine, and other hospital-based providers in the industry. Ventra Health represents a transformative approach to healthcare business solutions across industry verticals. Our mission is to solve the business challenges of hospital-based physician specialties through a combination of expertise, technology, and world-class service.

visby medical™

Visby Medical 1533

3010 N. First St.
San Jose, CA 95134
p 650-207-9993
w visbymedical.com

Visby Medical has been working to change the order of diagnosis and treatment of infectious disease for a decade. The Visby Medical platform is a single-use, instrument-free PCR diagnostic to rapidly test for serious infections that can be used at the point of care.

VisualDx 1012

339 East Ave., Suite 410
Rochester, NY 14604
p 585-272-2649
w visualdx.com

VisualDx is an award-winning app that helps busy emergency physicians quickly make or confirm diagnoses, identify drug reactions, and consider treatment options. Clinicians can quickly build a differential diagnosis beginning with one key finding or use the smart search to access patient-specific clinical information and images. Used by over 2,300 hospitals and large clinics, VisualDx is the tool of choice for fast, accurate decision-making at the point of care.

Vituity 1124

2100 Powell St., Suite 400
Emeryville, CA 94608
p 510-350-2761
w vituity.com



Vituity was founded by emergency physicians who wanted more control over providing the best care possible. Nearly 50 year later, as a physician-led and -owned

multispecialty partnership, our doctors and clinicians care for nearly 8 million patients each year across 450 practice locations and nine acute care specialties. Join the team that is transforming healthcare. vituity.com/careers

W

Weatherby Healthcare 421

6451 N. Federal Highway, Suite 801
Ft. Lauderdale, UT 33308
p 800-586-5022
w weatherbyhealthcare.com



As part of its signature Red Ribbon Service, staffing company Weatherby Healthcare provides healthcare professionals a personal consultant whose priority is to find

them the ideal locum tenens or permanent job and negotiate the best terms on their behalf.

Enjoy premium service and excellent pay. Call 800-586-5022 or visit weatherbyhealthcare.com

Werfen 500

180 Hartwell Road
Bedford, MA 01730
p 978-273-0519
w werfen.com

Werfen is a worldwide leader in specialized diagnostics, focused on hemostasis, acute care, autoimmunity and OEM products and services. GEM Premier ChemSTAT, a POC analyzer with a customized menu for ED provides BMP results in 70 seconds. Lab-quality creatinine, BUN, Lac, Hct, pH, and pCO2 from a single venous sample. Automated quality management, all-in-one cartridge and advanced connectivity assure simplicity and quality at the POC.

Western Healthcare 1609

13155 Noel Road, Suite 800
Dallas, TX 75240
p 682-551-4518
w westernhc.com



Based in Dallas, Texas, Western Healthcare has placed Emergency Medicine physicians in all 50 states since 2008. Our leadership team has 25+ years of experience

in emergency medicine staffing. Offering both locum tenens and management services, we have proudly staffed thousands of EDs nationwide, and have over 250,000 quality ER doctors in our database. To meet the lifestyle and goals of our physicians, we offer short-term, long-term, part-time, or full-time options. Learn more at westernhc.com.

Wolters Kluwer

802

Two Commerce Square
2001 Market St.
Philadelphia, PA 19103
p 215-521-8300
w www.wolterskluwer.com

Wolters Kluwer provides trusted clinical technology and evidence-based solutions that engage clinicians, patients, researchers, students, and the next generation of healthcare providers. Our leading brands include Audio Digest®, Lippincott®, Ovid®, Audio Digest®, and Emergency Medicine News, which is EM's most trusted news source, covering trends that matter most to EPs. It's also the place you'll find EM's most respected authors, who have made it the No. 1 publication in EM for 27 years.

WVU Medicine

603

1 Medical Center Drive
Morgantown, WV 26508
p 304-794-8820
w www.wvumedicine.org/morgantowncareers



WVU Medicine includes the physicians, specialists, and subspecialists of the West Virginia University School of Medicine; four community hospitals; three critical

access hospitals; and a children's hospital, all anchored by a 690-bed academic medical center that offers tertiary and quaternary care. The Department of Emergency Medicine at WVU maintains a thriving clinical practice caring for more than 300,000 patients per year. Contact: Angel Greathouse at angel.greathouse@wvumedicine.org.

Y**Your Design Medical**

521

28 Woodridge Lane
Sea Cliff, NY 11579
p 413-454-4436

w yourdesignmedical.com

Medical simulation has finally become affordable. Founded, owned, and operated by an emergency medicine attending (with a prior life as an engineer/teacher). Completely customizable simulation gear: suture pads, vascular access, EM procedural trainers, ultrasound phantoms, and beyond. We can build anything you imagine, 3D printed, hand-crafted, made here in the U.S. Replace/repair/redesign simulation equipment you need now—invent completely new equipment too. Because hey, it's Your Design.

Z**Zanfel Laboratories, Inc.**

1720

10052 Justin Drive, Suite L
Urbandale, IA 50322
p 515-267-8099

w zanfel.com

Zanfel Poison Ivy Wash is the only product clinically shown to remove the plant's toxin, urushiol, anytime after outbreak of the rash and relieve itching within 30 seconds. For most mild to moderate cases of poison ivy, one application of Zanfel is adequate for each affected area. Zanfel is also effective for mosquito bites, chigger bites, wasp, hornet, and bee stings. Contact us at 800-401-4002, e-mail itchfree@zanfel.com or visit zanfel.com for sales and product information.

Zerowet, Inc.

711

P.O. Box 4375
Palos Verdes, CA 90274
p 310-544-1600

w zerowet.com

The Zerowet Supershield makes wound irrigation faster, easier, better. Maybe that's why it's chosen five times as often as all other wound irrigation shields combined. And our KLENZALAC ultimate wound irrigation system will make quick work of even the dirtiest, nastiest wounds. Come see these unique wound care products today!

ZOLL Data

903

11802 Ridge Parkway, Suite 400
Broomfield, CO 80021
p 303-225-6009
w zolldata.com

Zotec Partners

600

11460 N. Meridian St.
Carmel, IN 46032
p 317-705-5050

w zotecpartners.com

Zotec Partners is a provider of billing and practice management services to emergency medicine physicians. It currently serves more than 100 emergency departments and 1,600 providers combined. Zotec's flexible solutions range from billing-only services to full-practice management services. For more information about Zotec Partners, visit zotecpartners.com.



EXHIBITORS BY BOOTH

100

- 218 BioXcel Therapeutics
- 301 BRC
- 324 GE Healthcare
- 325 Ring Rescue Incorporated
- 400 Hippo Education
- 401 Department of Veteran Affairs
- 406 NozPak
- 407 Navajo Area Indian Health Services
- 410 American College of Medical Toxicology
- 411 SAM Medical
- 414 Fracture Detection
- 420 Mount Sinai Health System
- 421 Weatherby Healthcare
- 424 FirstNet Built with AT&T
- 430 Epic

500

- 500 Werfen
- 501 VBM Medical, Inc.
- 502 Chickasaw Nation Department of Health
- 503 PolyMedics Innovations Inc (PMI)
- 504 Lehigh Valley Health Network
- 505 National Foundation of Emergency Medicine
- 506 Advanced Health Education Center
- 507 Quidel
- 508 Boehringer Ingelheim Pharmaceuticals, Inc.
- 510 LocumTenens.com
- 511 CIVCO Medical Solutions
- 513 Twiage
- 514 ApolloMD
- 515 RIVANNA Medical
- 519 PHI Medical Office Solutions
- 521 Your Design Medical

- 524 Designs for Vision, Inc.
- 526 Stull CPA
- 531 National Disaster Life Support Foundation (NDLSF)
- 600 Zotec Partners
- 601 Mediserv Medical Information Services, Ltd.
- 603 WVU Medicine
- 605 University of Colorado Denver
- 606 The SonoSim Ultrasound Training Solution for Emergency Medicine
- 607 Praxi Physician Management, LLC
- 609 Clarius Mobile Health
- 610 Society for Academic Emergency Medicine
- 612 Alkermes
- 614 Irrimax (Irrisept)
- 616 Gryphon Healthcare
- 620 Nanosonics Inc
- 624 Fujifilm SonoSite
- 625 Medstaff National Medical Staffing
- 631 Aideo Technologies

- 632 Siemens Healthineers
- 700 Emergency Care Specialists
- 702 Mar-Med
- 704 Emergency Department Practice Management Association (EDPMA)
- 706 HEALTH BEST INTERNATIONAL LLC
- 707 The Sullivan Group
- 708 Penn State Health
- 709 Nuance Communications
- 711 Zerowet, Inc.
- 712 Envision Physician Services
- 713 Beckman Coulter, Inc.
- 719 CorroHealth
- 724 Gulfcoast Ultrasound Institute
- 726 Medecipher Solutions
- 728 Safersonic US
- 732 Optum
- 733 American Society of Echocardiography
- 734 Nova Scotia Health Authority
- 735 Flosonics Medical
- 800 Emergency Medicine News
- 801 Teleflex, Inc.
- 802 Wolters Kluwer
- 804 Trucorp Ltd.
- 805 KPG Provider Services
- 806 Inari Medical
- 807 QGenda + Shift Admin
- 810 BrainScope
- 816 Porter Instrument
- 818 PEPID, LLC
- 824 PhyCon
- 825 Nova Biomedical
- 827 Innova Emergency Medical Associates
- 828 Samaritan's Purse - International Relief
- 832 DeliverHealth
- 833 Carbon Health
- 900 TeamHealth
- 901 Bettinger, Stimler, & Associates, LLC
- 903 ZOLL Data
- 907 EM Coach
- 908 Rare Disease Therapeutics, Inc.
- 910 IU Kelley School of Business Physician MBA
- 912 Bayhealth Medical Center
- 914 Concord Medical Group
- 916 EmOpti, Inc.
- 917 Melinta Therapeutics
- 920 d2i - dATA to INTELLIGENCE
- 921 Financial Designs, Inc.
- 924 SCP Health
- 925 Surgical Science - Symbionix Simulators
- 929 PETTIGREW
- 932 Pfizer Inc.
- 933 Multiphze, LLC
- 935 Fathom
- ## 1000
- 1000 Brault
- 1004 Cyclic Vomiting Syndrome Association
- 1006 LumiraDx
- 1009 Core Clinical Partners
- 1010 Lexx Healthcare
- 1011 CEPHEID
- 1012 VisualDx
- 1015 Guthrie Clinic
- 1017 Sanford Health
- 1018 AbbVie, Inc.
- 1019 Collective Medical, A PointClickCare Company
- 1024 ProScribe
- 1028 Resolv Healthcare
- 1032 The Dental Box
- 1033 Memorial Hermann Health System
- 1035 AMBOSS GmbH
- 1100 Keystone Healthcare Partners
- 1101 DynaMed/EBSCO
- 1103 Cytovale
- 1104 ImagineSoftware
- 1105 Integrated WealthCare
- 1107 Change Healthcare
- 1108 Sound Physicians
- 1111 Carnegie Mellon University
- 1113 Emergent Medical Associates
- 1114 bioMerieux
- 1124 Vituity
- 1125 Icare-USA
- 1129 Panacea Financial
- 1132 KARL STORZ Endoscopy-America, Inc.
- 1133 AAEM Physician Group
- 1135 ScheduleForward
- 1138 Caretaker Medical
- 1200 Genentech
- 1201 Rosh Review
- 1203 Spectral MD
- 1205 Aya Locums
- 1207 Brevi Technologies, Inc.
- 1208 Butterfly Network, Inc.
- 1209 Elemeno Health
- 1211 PracticeLink, Ltd.
- 1218 ScribeAmerica
- 1224 Mindray
- 1232 Telexy Healthcare, Inc
- 1300 Intelligent Ultrasound North America
- 1304 Staff Care
- 1308 Fisher & Paykel Healthcare
- 1316 The Whole Physician
- 1318 Huddy ED Design
- 1320 Elsevier
- 1324 US Acute Care Solutions
- 1332 NeurOptics
- 1400 Retrofit
- 1401 Kaiser Permanente/The Permanente Medical Group
- 1402 Aspirus Health
- 1404 Presbyterian Healthcare Services
- 1406 Lone Star Alliance, RRG (LSA)
- 1410 Emergency Care Partners
- 1416 CompMed
- 1417 Clozex Medical, Inc.
- 1419 Edelberg & Associates
- 1420 SharpMed
- 1432 IDMED corp
- 1433 BTG Specialty Pharmaceuticals
- ## 1500
- 1500 Ventra Health
- 1501 EMPros
- 1503 Gaumard Scientific



- 1506 Bionix
- 1510 HeartLung Corp
- 1516 LogixHealth
- 1517 Essential Organics
- 1519 Core Schedule
- 1521 ProAssurance
- 1524 EPOWERdoc, Inc.
- 1526 Precision Medical Devices
- 1533 Visby Medical
- 1600 D&Y
- 1602 LifeFlow by 410 Medical
- 1606 Abbott
- 1607 National Board of Echocardiography
- 1609 Western Healthcare
- 1611 Marshfield Clinic Health System
- 1612 NES Health
- 1613 Iris Telehealth
- 1618 Janssen Pharmaceuticals, Inc.
- 1624 Vapotherm
- 1625 Atlantic Pension Planning
- 1627 Simulab Corporation
- 1630 American Physician Partners
- 1700 Eko

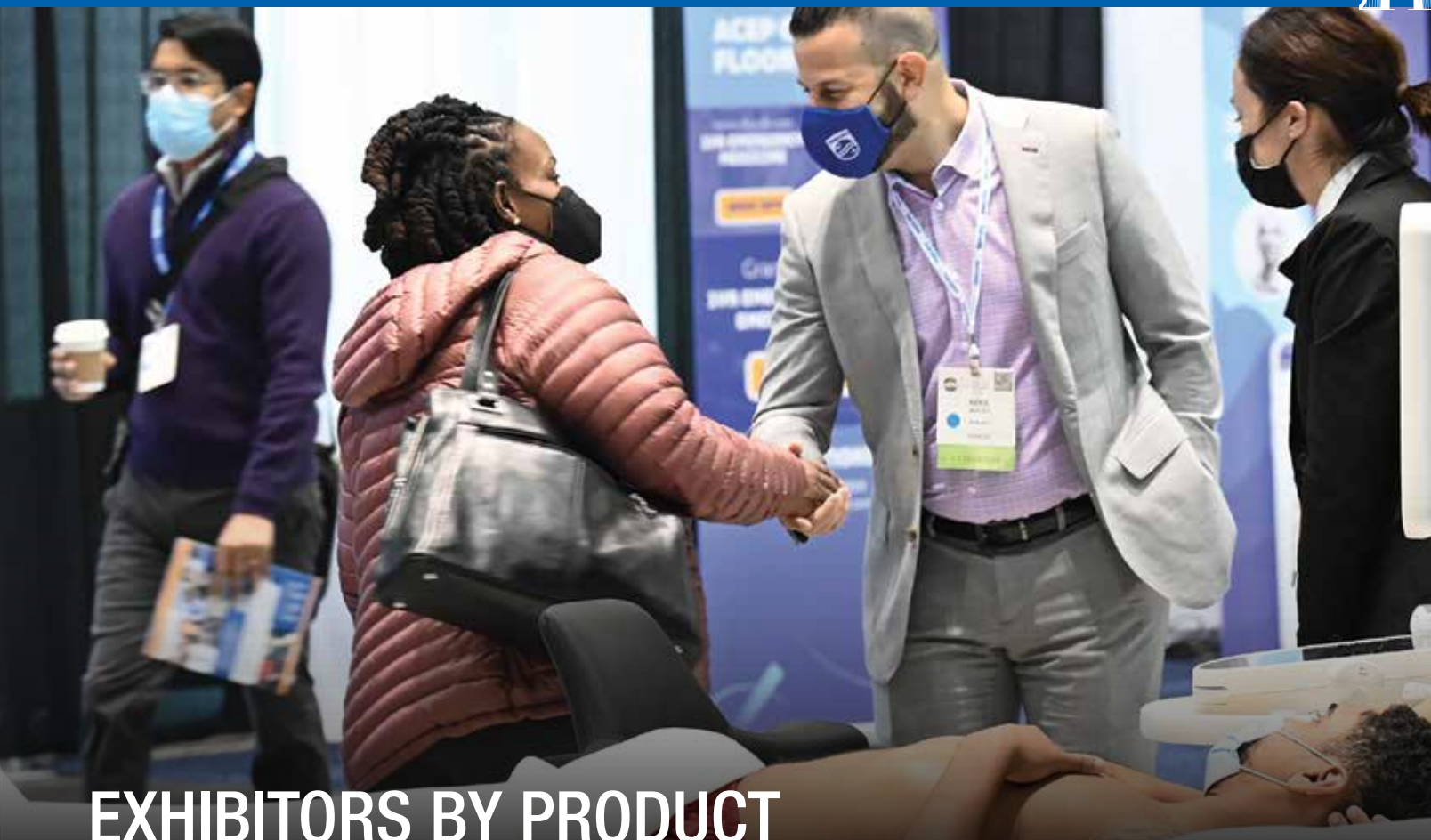
- 1701 BSN Medical Inc.
- 1702 Pendrick Healthcare Partners
- 1708 R1
- 1713 Northwest Seminars, Inc.
- 1714 Prisma Health
- 1716 Ronan Healthcare Consultants
- 1718 UE Medical Devices, Inc.
- 1720 Zanfel Laboratories, Inc.
- 1724 Ceribell
- 1730 AstraZeneca
- 1801 UPMC Emergency Medicine
- 1805 EMrecruits by R1
- 1814 MeMed Diagnostics
- 1815 ER Doc Finance
- 1817 AstraZeneca
- 1818 Philips
- 1819 freeCME
- 1821 Cook Medical
- 1824 Cross Country Locums
- 1826 American Board of Emergency Medicine (ABEM)
- 1834 South Miami CritiCare, Inc.
- 1914 Salix Pharmaceuticals

- 1918 Physicians Choice LLC
- 1920 Emergency Medicine Specialists, Inc.
- 1924 BMS/Pfizer
- 1925 Tribal Health
- 1927 Emergency Medicine Data Institute (EMDI), CEDR & E-QUAL

2000

- 2001 ACEP Central
- 2014 ShiftGen, LLC
- 2015 US Army Healthcare Recruiting
- 2018 Rewbix, Inc.
- 2020 Money Script Wealth Management
- 2021 Medicus Healthcare Solutions
- 2024 Telespecialists, LLC
- 2114 ACEP Global Village
- 2120 European Society for Emergency Medicine (EUSEM)





EXHIBITORS BY PRODUCT

Airway Equipment

KARL STORZ Endoscopy-America, Inc.	1132
UE Medical Devices, Inc.	1718

Behavioral/Mental Health

Telespecialists, LLC	2024
----------------------	------

Billing/Coding Services

Bettinger, Stimler, & Associates, LLC	901
Brault	1000
Change Healthcare	1107
CompMed	1416
CorroHealth (formerly The T-System)	719
Edelberg & Associates	1419
Gryphon Healthcare	616
LogixHealth	1516
Mediserv Medical Information Services, Ltd.	601
PETTIGREW	929
PhyCon	824

Physicians Choice LLC	1918
R11708	
Resolv Healthcare	1028
ScribeAmerica	1218
US Acute Care Solutions	1324
Ventra Health	1500
Western Healthcare	1609
ZOLL Data	903
Zotec Partners	600

Cardiovascular

Eko	1700
Inari Medical	806
National Board of Echocardiography	1607
Quidel	507
Surgical Science - Symbionix Products	925
Vapotherm	1624

Consulting Services

Bettinger, Stimler, & Associates, LLC	901
Brault	1000
Change Healthcare	1107
CompMed	1416
Concord Medical Group	914
d2i - dATA to INTELLIGENCE	920
Edelberg & Associates	1419
Emergency Care Partners	1410
Emergency Medicine Data Institute (EMDI), CEDR, & E-QUAL	1927
EMrecruits by R1	1805
ER Doc Finance	1815
Financial Designs, Inc.	921
Gryphon Healthcare	616
Huddy ED Design Team	1318
Medstaff National Medical Staffing	625
Money Script Wealth Management, LLC	2020
Pendrick Healthcare Partners	1702
PETTIGREW	929



PhyCon	824
ProScribe	1024
QGenda	807
R1	1708
Resolv Healthcare	1028
Ronan Healthcare Consultants	1716
ScheduleForward	1135
Stull CPA	526
Ventra Health	1500

Diagnostic Products/Services

Abbott	1606
Beckman Coulter, Inc.	713
bioMerieux	1114
CEPHEID	1011

Diagnostic Products/Services (continued)

Ceribell	1724
EmOpti, Inc.	916
Fujifilm Sonosite	624
GE Healthcare	324
Gulfcoast Ultrasound Institute	724
ICARE USA	1125
MeMed Diagnostics	1814
Nova Biomedical	825
PEPID, LLC	818
Quidel	507
Retrofit	1400
Safersonic US	728
Siemens Healthineers	632
Visby Medical	1533
VisualDx	1012
Werfen	500

Documentation Services

Brault	1000
Brevi Technologies Inc	1207
Change Healthcare	1107
CorroHealth (formerly The T-System)	719
EPOWERdoc, Inc.	1524
Nuance Communications	709

PhyCon	824
ProScribe	1024
ScribeAmerica	1218

Educational Products/Services

American Society of Echocardiography	733
Bettinger, Stimler, & Associates, LLC	901
Edelberg & Associates	1419
Elemeno Health	1209
EM Coach	907
Emergency Medicine Data Institute (EMDI), CEDR, & E-QUAL	1927
Gaumard Scientific	1503
Gulfcoast Ultrasound Institute	724
Hippo Education	400
Intelligent Ultrasound North America	1300
IU Kelley School of Business Physician MBA	910
Money Script Wealth Management LLC	2020
National Adrenal Diseases Foundation (NADF)	327
National Disaster Life Support Foundation (NDLSF)	531
Northwest Seminars, Inc.	1713
Ronan Healthcare Consultants	1716
Rosh Review	1201
Simulab Corporation	1627
Society for Academic Emergency Medicine	610
Stull CPA	526
Surgical Science - Symbionix Products	925
Teleflex, Inc.	801
Telexy Healthcare, Inc	1232
The SonoSim Ultrasound Training Solution for Emergency Medicine	606
The Sullivan Group	707
University of Colorado Denver	605
VisualDx	1012
Your Design Medical	521

EMS/Pre-Hospital

BrainScope	810
LifeFlow by 410 Medical	1602
Twiage	513
UE Medical Devices, Inc.	1718

Imaging/Ultrasound Equipment

American Society of Echocardiography	733
Butterfly Network, Inc.	1208
CIVCO MEDICAL SOLUTIONS	511
Clarius Mobile Health	609
Flosonics Medical	735
Fujifilm Sonosite	624
GE Healthcare	324
Gulfcoast Ultrasound Institute	724
Intelligent Ultrasound North America	1300
Mindray	1224
Philips	1818
RIVANNA Medical	515
Safersonic US	728
Siemens Healthineers	632
Surgical Science - Symbionix Products	925
Telexy Healthcare, Inc	1232
The SonoSim Ultrasound Training Solution for Emergency Medicine	606
Your Design Medical	521

Insurance/Risk Management

Atlantic Pension Planning	1625
Elemeno Health	1209
Financial Designs, Inc.	921
Lone Star Alliance, RRG (LSA)	1406
Money Script Wealth Management, LLC	2020
ProAssurance	1521
The Sullivan Group	707

Medical Device and Equipment

Bionix	1506
BrainScope	810
Butterfly Network, Inc.	1208
Designs for Vision, Inc.	524
Fisher & Paykel Healthcare	1308
Flosonics Medical	735
Fracture Detection	414
LifeFlow by 410 Medical	1602
Mindray	1224
Multiphze, LLC	933
PolyMedics Innovations Inc (PMI)	503

Porter Instrument	816
RIVANNA Medical	515

Neurological/Stroke

Telespecialists, LLC	2024
----------------------	------

Non-Profit Organization/Association

AAEM Physician Group	1133
American College of Medical Toxicology	410
American Society of Echocardiography	733
Cyclic Vomiting Syndrome Association	1004
Emergency Department Practice Management Association (EDPMA)	704
Guthrie Clinic	1015
Marshfield Clinic Health System	1611
Memorial Hermann Health System	1033
National Adrenal Diseases Foundation (NADF)	327
National Board of Echocardiography	1607
National Disaster Life Support Foundation (NDLSF)	531
Prisma Health	1714
Samaritan's Purse	828
Sanford Health	1017
Society for Academic Emergency Medicine	610
UPMC Emergency Medicine	1801
US Army Healthcare Recruiting	2015

Ophthalmic Products

ICARE USA	1125
BSN Medical Inc.	1701
CEPHEID	1011
Mar-Med	702
Precision Medical Devices	1526
Ring Rescue Incorporated	325

Orthopedic Products

VBM Medical, Inc.	501
-------------------	-----

Pain Management

Porter Instrument	816
Safersonic US	728

Patient Monitoring

Caretaker Medical	1138
Ceribell	1724
MeMed Diagnostics	1814

Patient Monitoring (continued)

Mindray	1224
NeurOptics	1332
Nova Biomedical	825
Philips	1818

Pediatric Care

LifeFlow by 410 Medical	1602
PolyMedics Innovations Inc (PMI)	503

Pharmaceuticals

AbbVie, Inc.	1018
Alkermes	612
AstraZeneca	1730, 1817
BioXcel Therapeutics	218
BMS/Pfizer	1924
Boehringer Ingelheim Pharmaceuticals	508
BTG Specialty Pharmaceuticals	1433
Genentech	1200
Janssen Pharmaceuticals, Inc.	1618
Melinta Therapeutics	917
Pfizer Inc.	932
Rare Disease Therapeutics, Inc.	908
Salix Pharmaceuticals	1914
Zanfel Laboratories, Inc.	1720

Physician Health and Wellness

Brevi Technologies Inc	1207
ER Doc Finance	1815
The Whole Physician	1316

Point-of-Care Testing

BrainScope	810
Butterfly Network, Inc.	1208
Ceribell	1724
Fosonics Medical	735
LumiraDx	1006
Nova Biomedical	825
Quidel	507

Practice Management

Innova Emergency Medical Associates	827
QGenda	807

Publications

DynaMed/EBSCO	1101
Elsevier	1320
EM Coach	907
Emergency Medicine News	800
Emergency Medicine News-Wolters Kluwer	802
PEPID, LLC	818
PracticeLink, Ltd.	1211

Recruiting/Staffing

American Physician Partners	1630
ApolloMD	514
Aspirus Health	1402
Aya Locums	1205
Bayhealth Medical Center	912
BRC	301
Chickasaw Nation Department of Health	502
Concord Medical Group	914
Core Schedule	1519
Cross Country Locums	1824
D&Y	1600
Department of Veterans Affairs	401
Emergency Care Partners	1410
Emergency Care Specialists	700
Emergency Medicine Specialists, Inc.	1920
Emergent Medical Associates	1113
EMPros	1501



EMrecruits by R1	1805
Envision Physician Services	712
Guthrie Clinic	1015
Innova Emergency Medical Associates	827
Iris Telehealth	1613
Kaiser Permanente/ The Permanente Medical Group	1401
Keystone Healthcare Partners	1100
KPG Provider Services	805
Lexx Healthcare	1010
LocumTenens.com	510
Marshfield Clinic Health System	1611
Medicus Healthcare Solutions	2020
Medstaff National Medical Staffing	625
Mount Sinai Health System	420
Navajo Area Indian Health Service	407
Optum	732
Penn State Health Emergency Medicine	708
PracticeLink, Ltd.	1211
Presbyterian Healthcare Services	1404
Prisma Health	1714
Samaritan's Purse	828
Sanford Health	1017
SCP Health	924
South Miami CritiCare, Inc.	1834
Sound Physicians	1108
Staff Care	1304
TeamHealth	900
UPMC Emergency Medicine	1801
US Acute Care Solutions	1324
US Army Healthcare Recruiting	2015
Vituity	1124
Weatherby Healthcare	421
Western Healthcare	1609
WVU Medicine	603

Respiratory Care

Fisher & Paykel Healthcare	1308
UE Medical Devices, Inc.	1718
Vapotherm	1624

Revenue Cycle Management

PETTIGREW	929
-----------	-----

Safety/Environmental Health

Nanosonics Inc	620
Safersonic US	728
Zanfel Laboratories, Inc.	1720
Zerowet, Inc.	711

Software/Technology

Brevi Technologies Inc	1207
Collective Medical, a PointClickCare Company	1019
Core Schedule	1519
d2i - dATA to iNTELLIGENCE	920
Eko	1700
Elemeno Health	1209
EmOpti, Inc.	916
Epic	929
EPOWERdoc, Inc.	1524
FirstNet Built with AT&T	424
ImagineSoftware	1104
Intelligent Ultrasound North America	1300
Nuance Communications	709
PEPID, LLC	818
PETTIGREW	929
QGenda	807
Resolv Healthcare	1028
ScheduleForward	1135
ShiftGen, LLC	2014
The SonoSim Ultrasound Training Solution for Emergency Medicine	606
Twiage	513
VisualDx	1012

Specialty Products/Services

CIVCO MEDICAL SOLUTIONS	511
DynaMed/EBSCO	1101
EM Coach	907
Financial Designs, Inc.	921
FirstNet Built with AT&T	424
Huddy ED Design Team	1318

**Specialty Products/Services
(continued)**

Iris Telehealth	1613
KPG Provider Services	805
Mar-Med	702
MeMed Diagnostics	1814
Nanosonics Inc	620
Panacea Financial	1129
Pendrick Healthcare Partners	1702
Ring Rescue Incorporated	325
ScheduleForward	1135
SharpMed	1420
Stull CPA	526
Telespecialists, LLC	2024
Your Design Medical	521

Telehealth/Virtual Medical Services

d2i - dATA to iNTELLIGENCE	920
Eko	1700
Telespecialists, LLC	2024
Twiage	513

Wound Care Products

Bionix	1506
BSN Medical Inc.	1701
Clozex Medical, Inc.	1417
Mar-Med	702
PolyMedics Innovations Inc. (PMI)	503
Precision Medical Devices	1526
Spectral MD	1203
Teleflex, Inc.	801
The Dental Box	1032
Zerowet, Inc.	711

Refer to the ACEP mobile app for complete Research Forum details.

Research Forum Index



Combine science and education at emergency medicine's premier research event: ACEP's Research Forum.

- Come to the Brooks F. Bock Lecture and Abstract Session highlighting how research in emergency care impacts healthcare policy, changing how we care for patients today and in the future.
- View and discuss original research that will impact your daily practice on the topics and issues that matter most to you and your patients.
- Learn from panels of experts and interact with researchers during the events. See the Schedule of Events, beginning on page 30, for details.



Learning Objectives

Upon completion of this activity, participants will be able to discuss the pros and cons of the results of a moderated oral or virtual research abstract, identify research/treatment that could be applied to clinical practice and explain research trends occurring in emergency medicine.

SATURDAY

10:30-11:30 a.m.

Disaster Medicine/EMS Room 307/308

#19 Utilization of Advanced Providers in the Field for Medical Custody Clearance
Hasan Makda, MS, St. George's University

#84 Bystander CPR Rates for Out-of-Hospital Cardiac Arrest Higher in Rural Areas Versus Urban Areas
James Hart, MD, University of Iowa Carver College of Medicine

#85 An Assessment of Pre-Hospital Provider Education and Sequelae Around Breaking Bad News
Zachary Tillet, MD, NRP, Maine Medical Center

While every effort is made to ensure the accuracy of data within this publication, the publisher cannot be held responsible for errors or omissions. Data current as of 8/6/2022.

#330 EMS Operational Adaptations to the COVID-19 Pandemic
Shreya Raavicharla, BA, Virginia Commonwealth University School of Medicine

#331 Emergency Medical Service (EMS) Providers Perspectives of Pediatric Non-Transport
Kathleen Brown, MD, Children's National Hospital, The George Washington University School of Medicine & Health Sciences

#332 The Hidden Factors of Health: A Mixed Methods Study of EMS Provider Knowledge and Perceptions of Social Risk Factors
Sophia Gorgens, MD, Department of Emergency Medicine, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Airway/Diagnostics/ Basic Science Room 306

#31 EMF Intubatable 3D Printed Airway Manikin: A Feasibility Study for Replicating Real Patient Anatomy
Annamarie Cardell, MD, Maimonides Medical Center

#70 A Comparative Evaluation of 3D Printed Versus Standard Suture Materials
Jason Langenfeld, MD, FACEP, University of Nebraska Medical Center

#113 A Novel Video Laryngoscope Device (IVOS Boss G4) for Minimizing Aspiration Events
Joanne Mendoza, Medical Student, University of California Irvine

#157 Outpatient Management of Spontaneous Pneumothorax With Thoracic Vent: A Retrospective Analysis of a Device Specific Treatment Modality
Anthony Mells, MD, Kaiser Permanente San Diego

#180 A Cellular Host Response Test May Enable Compliance With the Medicare Sepsis Quality Measure While Promoting Antimicrobial Stewardship Aims
Hollis O'Neal, MD, MSc, Louisiana State University Health Sciences Center

#226 What Is the Effect of Training on the Performance of Different Video Laryngoscope Geometries Versus Direct Laryngoscopy to Achieve First Pass Success During Emergent Tracheal Intubation?: A Systematic Review and Meta-Analysis
Jason West, MD, NYC Health + Hospitals / Lincoln

Cardiovascular (Non-ACS) Room 310/311

#40 30-Day Outcomes of Hypertensive ED Patients Discharged With Antihypertensive Therapy
Brett Todd, MD, Beaumont Health

#55andexanet Alfa Is Associated With Reduced In-Hospital Mortality Compared to 4-Factor Prothrombin Complex Concentrate Among Patients With Intracranial or Gastrointestinal Bleeding
Gregory Fermann, MD, University of Cincinnati

#56 EMF Augmenting D-Dimer Testing for Pulmonary Embolism Rule-Out in the Emergency Department With Artificial Intelligence
Adrian Haimovich, MD, PhD, Yale Department of Emergency Medicine

#115 A Novel Order Set Driven Fibrillation Algorithm Drives Compliance With Risk-Appropriate Thromboembolic Prophylaxis and Increases the Frequency of Discharge to Home
Bevan Johnson, MD, MBA, Indiana University School of Medicine, Department of Emergency Medicine.

#310 Emergency Department Oral Anticoagulation Prescribing Practices for Acute Atrial Fibrillation: Pre-Implementation of an Electronic Clinical Decision Support Tool
Erin Kinney, MS-3, Oregon Health & Science University

#314 Opportunities to Optimize Implementation of an Emergency Department Acute Heart Failure Risk Tool: A Mixed-Method Study of Physician Openness to Clinical Decision Support
Lillian Sturmer, BS, Touro College of Osteopathic Medicine

Cardiovascular (ACS) Room 305/309

#43 Artificial Intelligence Versus Physicians on Interpretation of Printed Electrocardiography Images: Diagnostic Performance for ST-Elevation Myocardial Infarction
Yoo Jin Choi, MD, Department of Emergency Medicine, Ajou University School of Medicine

#49 Comparing the Safety and Efficacy of a Rapid High-Sensitivity Cardiac Troponin I Protocol Between Hospital-Based and Free-Standing Emergency Departments
Joseph Miller, MD, FACEP, Henry Ford Health, Detroit Hospital

#90 Economic Impact: A Cluster Randomized Trial of a Rapid, High-Sensitivity Cardiac Troponin I Protocol
Hashem Nassereddine, MD, Henry Ford Hospital

#101 Differentiating Type 1 from Type 2 Acute Myocardial Infarction in the Emergency Department Using the N-Terminal Pro B-Type Natriuretic Peptide/High-Sensitivity Cardiac Troponin T Ratio
Richard Nowak, MD, MBA, Henry Ford Health System

#265 Sinus Tachycardia Is Rare Among Hemodynamically Stable Patients With Occlusion Myocardial Infarction
Sean Trostel, MD, Carolinas Medical Center

#287 Influence of Time to Diagnosis on Time to Percutaneous Coronary Intervention for Emergency Department ST Elevation Myocardial Infarction (STEMI) Patients: Door to ECG Matters
Sean Bloos, MPH, Stanford University

Administration/Practice Management

Room 312/313/314

#50 Hospital Admission Rates and Mortality Among Emergency Department Patients With COVID-19 Discharged With Remote Patient Monitoring With or Without HO2ME (home oxygen) – A Value-Based Approach
Keithen Cast, DO, Integrus SW Medical Center

#96 Using a Digital “Equity Dashboard” to Understand Language Disparities in Time to Pain Medication
Caroline Burke, MD, University of California San Francisco

#200 A Quantitative Assessment of Emergency Department Boarding and its Association With Decreases in Operational Efficiency: A Multicenter Nationwide Study
Camila Tyminski, MD, Warren Alpert Medical School of Brown University

#203 Incorporation and Utilization of a Medication-Assisted Treatment Initiation “Procedure Template”
Lauren Walter, MD, University of Alabama at Birmingham

#340 The Accuracy of Predictive Analytics in Forecasting Emergency Department Volume Pre- and Post-COVID Pandemic
Rachel Smith Shain, MD, Department of Emergency Medicine, Alpert Medical School of Brown University

11:30 a.m.-1:30 p.m.

Editor’s Pearls

Room 307/308

In this session, editors from both *Annals* and *JACEP* will go over tips and tricks on getting your manuscript through peer review.
Tyler W. Barrett, MD, MSCI, FACEP, FHRS; Richelle J. Cooper, MD, MSHS, FACEP, Juan March, MD, FACEP, Catherine A. Marco, MD, FACEP

11:30 a.m.-12:30 p.m.

Public Health/Injury/Illness Prevention

Room 305/309

#28 Addressing Workplace Violence: Health Care Staff Safety, a Culture of Caring
Isabel Barata, MD, MS, MBA, North Shore University Hospital

#35 Increasing Naloxone Prescriptions Through Electronic Medical Record Best Practice Advisory Alerts
Spencer Printen, MD, Henry Ford Health

#71 HIV Pre-Exposure Prophylaxis in the Emergency Department: A Systematic Review
Tibor R. Nagy, DO, Prisma Health – Upstate

#256 Trends In Opioid Overdoses During the COVID-19 Pandemic
Christina Tran, University of California San Francisco

#290 Trauma Patients in Police Custody – Who Are They and How Were They Injured?
Kacie Isaacson, MD, MS, Emory University School of Medicine

#313 Aging in Illinois Prisons in the Time of COVID-19
Jannie Bolotnikov, MPH, Loyola University Stritch School of Medicine

Geriatrics/Palliative

Room 306

#156 Dissemination and Implementation of Age-Friendly Care and Geriatric Emergency Department Accreditation at Veterans Affairs Hospitals
Ula Hwang, MD, MPH, FACEP, James J. Peters VAMC

#231 When Time Is Short: Making the Case for Emergency Department Goals of Care Discussions Prior to Transfer
Monica Chowdhary, MD, Dartmouth-Hitchcock Medical Center

#242 Computed Tomography Imaging of Geriatric Patients With Uncertain Head Trauma
Michael Turchiaro, DO, Florida Atlantic University Charles E. Schmidt College of Medicine

#308 A Geriatric Emergency Medicine Assessment Team Reduces Hospital Length of Stay Through Faster Discharge to Subacute Rehabilitation
Sarah Keene, MD, PhD, Beaumont Health System

#335 “4Ms” Conversation in the Emergency Department: A Qualitative Study
Melissa Sheber, MS, Third Year Medical Student, University of Iowa Carver College of Medicine

#348 Differences in Antipsychotic and Sedative Administration in Community Versus Academic Emergency Departments Across a Health System
Katherine Ciampa, PharmD, Massachusetts General Hospital

Education

Room 312/313/314

#160 Emergency Medicine Attending Physician Performance of Pigtail and Thoracostomy Tube Insertion in a Simulated Environment
Nicholas Pokrajac, MD, Stanford University

#186 Rethinking Emergency Department Clinical Guidelines for Use at the Bedside
Neha Pondicherry, BA, UCSF

#230 Learning Smarter: An Adaptive Business Curriculum for Residents That Works
Nicholas Stark, MD, MBA, University of California, San Francisco

#288 Relationship Between Socio-Economic Background of International Medical Graduates and Residency Match Results
Daria Hunter, MD, Mayo Clinic

#344 Direct Patient Impact From a State-Wide Point of Care Ultrasound Curriculum in a Distributed Campus Medical School
Kyle Jaschen, DO, Medical College of Georgia

Infectious Diseases (COVID-19)

Room 310/311

#173 Leveraging Syndromic Surveillance Data to Create Emergency Department COVID-19 Data Visualization Tool
Margaret Nilz, MPH, American College of Emergency Physicians

#222 ED-ACT, Examining D-Dimer and Empiric Anti-Coagulation in COVID-19-Related Thrombosis
Eric Pai, MD, Beaumont Hospital – Royal Oak

#280 Emergency Department Predictors of Mortality for Adult Patients With Severe Coronavirus Disease-19 (COVID-19) in a Tertiary Hospital: A Retrospective Cohort Study
James Ibn Aristotle Lingad, MD, St. Luke’s Medical Center-Quezon City

#333 Prevalence of Moral Injury and its Clinical Consequences Among Filipino Emergency Department Physicians During the COVID-19 Pandemic: A Cross-Sectional Study
Shane Chug, PGY-3 Emergency Medicine Resident, PT, St. Luke’s Medical Center – Quezon City

#358 The Impact of COVID-19 on Diabetic Ketoacidosis Patients
Faraz Khan, MD, MBA, SUNY Downstate/ Kings County Hospital

12:30-1:30 p.m.

Pain Management

Room 305/309

#18 Atomized Intranasal Ketorolac Versus Intravenous Ketorolac for Treatment of Severe Renal Colic in the Emergency Department: A Double-Blind, Non-Inferiority, Randomized Controlled Trial
Usama Al-Khalasi, MD, Emergency Medicine Resident PGY4, Oman Medical Specialty Board

#83 An Interim Reporting of Trigger Point Injection for Myofascial Pain Syndrome (T-PIMPS): A 3-Arm, Partially Blinded, Randomized Controlled Trial
Joshua Oliver, MD, FACEP, Department of Emergency Medicine, Madigan Army Medical Center

#247 Comparison of Nebulized Sub-Dissociative Dose Ketamine at Three Different Dosing Regimens for Treating Acute Pain in the Pediatric ED: A Prospective, Randomized Double-Blind Trial
Mahlaqa Butt, MPH, MS4, Maimonides Medical Center

Refer to the ACEP mobile app for complete Research Forum details.

#248 Ultrasound-Guided Transgluteal Sciatic Nerve Block in Emergency Department Patients With Sciatic Radiculopathy: A Multicenter Prospective Study
Jamie Gullikson, MPH, MBS, Mass General Brigham

#304 Oral VTS-Aspirin/ Ketamine Versus Oral Ketamine for Emergency Department Patients With Acute Musculoskeletal Pain
Mahlaqa Butt, MPH, MS4, Maimonides Medical Center

#311 Ultrasound Guided Trigger Point Injections for the Treatment of Neck and Back Pain in the Emergency Department: A Randomized Trial
Robert Farrow, DO, Mount Sinai Medical Center

Pediatrics Room 310/311

#21 Emergency Department Observation of Children With Minor Blunt Head Trauma
Paul Ishimine, MD, University of California, San Diego

#175 National Trends in Chemical Restraint for Pediatric Behavioral Health Patients in the Emergency Department
Lauren Westafer, DO, MPH, MS, University of Massachusetts Chan Medical School – Baystate

#205 Clinical Characteristics, Outcomes, and Interobserver Agreement of Point-of-Care Ultrasound Detected Mesenteric Adenitis in Non-Surgical Pediatric Abdominal Pain: A Retrospective Cohort Study
Dana Stone, MD, Icahn School of Medicine at Mount Sinai

#250 Tracking Asthma Medication Use in Children After an Emergency Department Visit With a Smart Inhaler and Connected Mobile Application
Ryan Gleber, MD, The Lundquist Institute for Biomedical Innovation at Harbor-UCLA

#274 EMF Acceptability of Video-Based Firearm Safety Education in the Pediatric Emergency Department
Maya Haasz, MD, University of Colorado, Children's Hospital Colorado

Infectious Diseases Room 312/313/314

#25 Derivation and Validation of a Clinical Decision Rule to Risk Stratify Emergency Department Patients Diagnosed With Seasonal Influenza
Michael Pajor, MD, Washington University in St. Louis School of Medicine

#47 A Host Protein Test Based on TRAIL, IP-10, and CRP for Differentiating Between Bacterial and Viral Infection Has Potential to Improve Patient Selection for Blood Culture Utilization
James Neuenschwander, MD, Doctors Hospital

#114 Validation and Comparison of Triage-Based Screening Strategies for Sepsis
Kasra Rahmati, BSc, MD Candidate (MS1), Intermountain Medical Center

#117 Impact of Air Pollutants on Deep Learning Forecasting of Emergency Department Patient Arrivals
Egbe-Etu Etu, Assistant Professor, San Jose State University

#153 Risk Factors for Human Immunodeficiency Virus Infection at a Large Urban Emergency Department
James Ford, MD, UCSF

#189 Emergency Department Clinician Perspectives on a Pilot ED-Based Expedited Partner Therapy Program: A Qualitative Study
Emily Ager, MD, MPH, University of Michigan

Neurology Room 306

#116 Diagnostic Accuracy of Neuroimaging in Emergency Department Patients With Acute Vertigo or Dizziness: A Systematic Review and Meta-Analysis Supporting the Guidelines for Reasonable and Appropriate Care in Emergency Medicine
Fernanda Bellolio, MD, MSc, Mayo Clinic

#176 Point-of-Care Electroencephalography Enables Rapid Evaluation and Management of Non-Convulsive Seizures in the Emergency Department
Matthew Kaplan, MD, Providence Mission Hospital, Department of Emergency Medicine

#187 Association Between Regional Socio-Economic Status and Mechanical Thrombectomy for Acute Ischemic Stroke: A Nationwide Multilevel Observational Study
Ki Hong Kim, Seoul National University Hospital

#253 Pharmacologic Therapy for Migraine Headache in the ED: A Bayesian Network Meta-Analysis
Robert Allen, MD, Department of Emergency Medicine, SUNY Downstate Health Sciences University

#305 Managing Low and Intermediate Risk Transient Ischemic Attacks in the Time of a Pandemic
Laura Ivy, MD, University of Colorado Health, Northern Region

1:30-2:30 p.m.

Psychiatry/ Quality Improvement Room 312/313/314

#29 Bridge for Meth: Multicenter Prospective Evaluation of Emergency Department Initiation of Mirtazapine for Problematic Methamphetamine Use
Andrew Herring, MD, Highland Hospital – Alameda Health System

#159 Ketamine Use for Buprenorphine Precipitated Opioid Withdrawal: A Case Series of 10 Patients
Megan Heeney, MD, Highland Hospital, Alameda Health System

#246 A Multidisciplinary Initiative Improves Care for Psychiatric Patients Boarding in the Emergency Department
Joshua Davis, MD, Vituity

#306 A Rapid Head CT Scan Protocol for Elderly Stable Patients Improves Time to Intracranial Hemorrhage Diagnosis
Elyse Lavine, MD, Icahn Mount Sinai School of Medicine

#328 Emergency Department Preparedness to Care for Sexual Assault Survivors: A Nationwide Study
Kristen Chalmers, BA, The University of Chicago Pritzker School of Medicine

#329 Epidemiology and Outcomes of Out-of-Hospital Cardiac Arrest Patients in Flint, Michigan
Ryan Reece, MD, FACEP, Michigan State University College of Human Medicine

Public Health/Injury/ Illness Prevention Room 306

#39 Extending Harm Reduction's Reach: Pre-Hospital Treatment of Opioid Withdrawal via Emergency Medical Service Administered Buprenorphine
Jeffrey Herrala, MD, Alameda Health System, Highland Hospital, Department of Emergency Medicine

#41 A Nationwide Emergency Department Quality Initiative to Improve Care of Patients With Opioid Use Disorder
Kathryn Hawk, MD, MHS, Yale University

#126 EMF Results of a Pilot Linkage to Care Intervention for HIV Negative Emergency Department Patients Referred for Pre-Exposure Prophylaxis (PrEP)
Kiran Faryar, MD, MPH, University Hospitals Cleveland Medical Center

#174 EMF Acute and Recurrent Firearm Injury Rates in an Urban Population (2010-2021): Using Machine Learning to Improve Classification
Kristen Mueller, MD, Washington University in St. Louis

#181 Hospital System Acute Care at Home to Prevent Emergency Department Visits
Erin Simon, DO, Cleveland Clinic Akron General

#224 Variable NIOSH Quantitative Fit Testing Failure Rates of Reused and Sterilized "Duckbill" Type N95 Masks
Phillip Moschella, MD, PhD, University of South Carolina School of Medicine Greenville

Sex & Gender Room 307/308

#51 Gender and Clinician Type: Who Is Leaving the Emergency Workforce?
Cameron Gettel, MD, Yale University

#75 Disparities in Emergency Department Wait Times for Female, Transgender Female, Black and Non-English-Speaking Patients
Maureen Canelias, MD, MBA, University of Massachusetts Medical School

#98 Developing a Protocol for Medication Abortion in the ED: A Cross-Sectional Survey of Emergency Medicine Physicians Regarding Providing Abortion Care
Monica Saxena, MD, JD, Stanford University School of Medicine

#146 Exploring the Impact of Leave and Return to Work Policies on Workplace Lactation for Women in Emergency Medicine
Nicole Prendergast, MD, Stanford University

#191 Physician Misidentification in the Emergency Department
Kathryn Wellman, MD, St. Luke's Hospital



#316 Gender and the State of Professionalism Between Physicians and Nurses in the Emergency Department
Michelle Suh, MD, Baylor College of Medicine

**Quality Improvement/
Patient Safety**
Room 305/309

#88 Provider-Only Patients: A Novel Approach to ED Volume Surge and COVID-19
Tanveer Gaibi, MD, INOVA Fairfax Hospital

#229 Clinical Decision Support for Antibiotic Stewardship in the Emergency Department
Larissa May, MD, MSPH, MSHS, University of California Davis

#252 Predicting Adverse Events: Site Differences Using the Emergency Department Trigger Tool
Richard Griffey, MD, MPH, Washington University in St Louis School of Medicine

#307 Impact of Performing Pre-Radiographic Urine Pregnancy Test on Time Delay From Triage to Radiograph Performance
Eric Legome, MD, Mount Sinai Medical Center

#317 Implementation of a Stroke Response Team at a Pediatric Emergency Department
Theodore Trigylidas, MD, Children's National Hospital/The George Washington University School of Medicine and Health Sciences

#408 EMF Do Framing and Time Pressure Influence Diagnostic Reasoning Among Emergency Physicians?
Andrew Monick, Medical Student, Thomas Jefferson University

**Resuscitation/
Critical Care**
Room 310/311

#127 Effect of Metformin on Survival Outcomes in In-Hospital Cardiac Arrest Patients With Diabetes
Sukyo Lee, MD, Department of Pharmacology, Korea University College of Medicine

#199 Heart Rate Entropy Predicts Impending Rearrest Due to Ventricular Tachycardia/Fibrillation but Not Pulseless Electrical Activity
Laken Irish, BS, The MetroHealth System, Case Western Reserve University

#245 Association Between Intra-Arrest Blood Glucose Level and Outcomes of Resuscitation at the Emergency Department: A Retrospective Study
Wachira Wongtanarasarin, MD, Department of Emergency Medicine, Faculty of Medicine, Chiang Mai University

#275 Prothrombin Complex Concentrate Use in a Rural Health Care Network
Abigail Polzin, MD, FACEP, CMTE, Sanford Health

#276 Relationship Between Fluid Administration in the First Three Hours of Sepsis Resuscitation and Mortality
Toshikazu Abe, MD, MPH, PhD, Tsukuba Memorial Hospital/ University of Tsukuba

2:30-3:30 p.m.

**State-of-the-Art I:
A United National
Readiness Response
for Pandemics**
Room 312/313/314

This session will review the state-of-the-art evidence related to Current Pharmacological Treatment and Medical Management of COVID. Preparing for the next wave/variant of COVID or the next pandemic, what emergency departments need to know. How to strengthen our public health infrastructure to expand testing and contract tracing and address health inequities.
Kara Goddard, PharmD, BCPS; Brendan Carr, MD, MS

3:30-4:30 p.m.

**Plenary I:
Late-Breaking Research
in Emergency Care**
Room 312/313/314

#1 Reversing miRNA-Suppressed Cardioprotective Cardiokine Expression as a Novel Intervention Against Sleep Breathing Disorders-Exacerbated Post-MI Remodeling
Xinliang Ma, MD, PhD, Thomas Jefferson University

#2 Dexmedetomidine Sublingual Film for Acute Agitation in Schizophrenia or Bipolar Disorder by Baseline Clinical Global Impression-Severity of Agitation
Gary Vilke, MD, FACEP, FAAEM, UC San Diego Health System

#6 Extended-Release Naltrexone and Case Management for Treatment of Alcohol Use Disorder in the Emergency Department
Charles Murphy, MD, MAS, University of California San Francisco

#9 Nationwide Reimbursement Impact of COVID-19 to Emergency Physicians: \$6.6 Billion Loss in 2020
Alex Janke, MD, MHS, Yale University

#12 Early Mortality Risk Assessment Modeling by Random Forest Analysis of Patients Presenting to a Tertiary Medical Center Emergency Department
Justin Brooten, MD, Atrium Health Wake Forest Baptist

#13 A Novel Approach to Dataset Labeling for Deep Learning Model Development
Nicole Duggan, MD, Brigham and Women's Hospital

Telemedicine/Informatics
Room 310/311

#27 Combining Machine Learning and Network Science to Cluster Emergency Department Chief Complaints and Diagnoses
Jarrod Daiton, PhD, Cleveland Clinic

#69 Improving Critical Care Documentation in an Academic Emergency Department via Point-of-Documents Decision Support
Robert Turer, MD, MSE, MSACI, UT Southwestern Medical Center

#132 Role of Future Artificial Intelligence Tools for Transitional Care Between Emergency and Primary Care
Kaitlyn Hayes, MD, CCFP, McMaster University

#279 Change in ED Telehealth Use for Various Specialties Since the Onset of COVID-19
Krislyn Boggs, MPH, Massachusetts General Hospital

#319 The Association Between COVID-19 and Telehealth Use in U.S. Emergency Departments
Kori Zachrisson, MD, MSc, FACEP, FAHA, Massachusetts General Hospital

#341 Short-Term Emergency Department Encounters Following Primary Care Telemedicine Visits in the Era of COVID-19
Jennifer Zhang, BA, Kaiser Permanente Division of Research, Kaiser Permanente Northern California

Toxicology/Pharmacology
Room 307/308

#32 Droperidol on Prevention of Emesis From Cannabinoid Hyperemesis Syndrome (DOPE Study)
Quincy Chopra, MD, EMT-P, UMass Chan Medical School

#76 A Report on 83 Patients With Suspected Methanol Poisoning From Philippine Coconut Wine (Lambanog) Seen at East Avenue Medical Center: A Case Series
Kirstie Ann B. De Luna, MD, UMass Chan Medical School

#131 Adulterated Heroin: Presentations and Outcomes of a Large Case Series of Contaminated Heroin
Sarah Weiss, MD, Reading Hospital

#277 Agents of Exposure Among Pediatric Transgender Patients: An Analysis of the Toxicology Investigator's Consortium (ToxIC) Registry
William Doyle, BS, UMass Chan Medical School

#282 Buprenorphine Precipitated Opioid Withdrawal in the Emergency Department: A Case Series
Anthony Spadaro, MD, MPH, UMass Chan Medical School

RESEARCH FORUM



Refer to the ACEP mobile app for complete Research Forum details.

Social Determinants of Health

Room 305/309

#33 Mapping Emergency Department Asthma Visits to Identify Poor Quality Housing
Elizabeth Samuels, MD, MPH, MHS, Department of Emergency Medicine, Alpert Medical School of Brown University

#139 Inequities of Emergency Department Queue Jumping
Rohit Sangal, MD, MBA, Yale University School of Medicine

#201 Racial and Ethnic Differences in the Initiation of Low Tidal Volume Ventilation in the ED
Brent Kennis, BS, UC San Diego School of Medicine

#202 Drug-Related Arrests Among Frequent Emergency Department Users Are Compounded by Housing Status
Vidya Eswaran, MD, MAS, University of California San Francisco

#338 A National Snapshot of Social Determinants of Health Documentation in Emergency Departments
Caitlin Ryus, MD, MPH, Yale School of Medicine, Department of Emergency Medicine

#363 Developing a Survivor-Centered Emergency Department Approach to Tailored Resources of Survivors of Interpersonal Violence
Alice Lu, MSL, UCSF School of Medicine

Simulation

Room 306

#112 Future Uses of Telesimulation: National Survey of Emergency Medicine Residency Simulation Directors
Max Berger, MD, David Geffen School of Medicine at UCLA

#170 Evaluation of Performance of Transesophageal Echocardiography by Emergency Medicine Residents After a Single Simulation-Based Training Session
Laura Pumarejo, MD, Baylor College of Medicine

#182 All Clear! Virtual Reality Defibrillator Training for Medical Students Is Feasible, Liked, and Improves Perceived Knowledge, Comfort, and Skills
Christian Treat, MD, Columbia University Vagelos College of Physicians and Surgeons

#239 Project PANDA: An Individual and Systems-Based Approach to De-Escalation
Oark Ahmed, MD, Jacobi Medical Center

#254 Does Video Pre-Briefing Reduce Cognitive Load During a Simulated ACLS Scenario?
Brook Danboise, MD, PhD, CHRISTUS Health/Texas A&M Health Science Center

#285 Care for the Detainee in the Emergency Department Utilizing Simulation
John Elue, MD, Cook County Health

SUNDAY

9-9:50 a.m.

Brooks F. Bock Lecture

Room 207

Moving Beyond the Rhetoric: How EM Is Leading Firearm Injury Prevention
Garen Wintemute, MD, MPH

10-11 a.m.

Administration/Practice Management

Room 310/311

#37 Inequities Among Emergency Department Hallway Utilization
Rohit Sangal, MD, MBA, Yale University School of Medicine

#78 Regional Health Care Program Partnering General Practitioners to Reduce Low Acuity Attendance at the Emergency Department: GPFirst
Steven Hoon Chin Lim, MBBS, Changi General Hospital

#108 Characteristics of Emergency Medical Treatment and Labor Act Citations and Their Association With Patient Death
Jasmine Hsia, University of Southern California

#121 Social and Structural Influences of Emergency Care Seeking Behaviors in Documented and Undocumented Adult Safety-Net Patients
Cynthia N. Ramirez, MPH, PhD(c), Keck School of Medicine of USC

#148 Accessibility in the Emergency Department for Patients With Disabilities: A Qualitative Study
J. Harrison Carmichael, BA, University of Massachusetts Chan Medical School

#352 Trends in Advanced Practice Providers Provision of High Acuity ED Services From 2013 to 2019
Cameron Gettel, MD, Yale University

Ultrasound

Room 306

#38 Resuscitative TEE Collaborative Registry: Development and Implementation of a Multicenter Registry for Focused Transesophageal Echocardiography (TEE) in the Emergency Department and Intensive Care Settings
Felipe Teran Teran, MD MSCE, Weill Cornell Medicine

#161 Multicenter Interobserver Agreement of Lung Ultrasound Findings in COVID-19 Patients
Cristiana Baloescu, MD, MPH, Yale University School of Medicine

#210 Emergency Department Point-of-Care Echocardiography and Lung Ultrasound in Predicting COVID-19 Severity
Cristiana Baloescu, MD, MPH, Yale University School of Medicine

#223 A Multi-Modal Approach to Nerve Block Teaching
Michelle Hernandez, MD, UCF HCA Greater Orlando

#309 The Impact of a Brief Educational Intervention on Attending Physician Comfort During Sonographic Image Acquisition and Image Interpretation
Dorothy Shi, MD, South Shore University Hospital Northwell Health

#355 Using Hierarchical and Cognitive Task Analysis to Develop an Assessment Checklist for Ultrasound-Guided Fascia Iliaca Nerve Block Procedures
Munaa Dashti, MD, KBEM, Brigham and Women's Hospital

Venous Thromboembolism

Room 305/309

#54 Discordance Between Pulmonary Embolism Risk Stratification and Elevated Lactate
Adam Leisy, MD, Palmetto General Hospital

#60 Temporal Trends in the Use of Computed Tomographic Pulmonary Angiography for Suspected Pulmonary Embolism in the Emergency Department
Melanie Roussel, MD, Emergency Department, Hôpital Pitié-Salpêtrière, Assistance Publique – Hôpitaux de Paris

#110 Pulmonary Embolism and Cancer – Can the PERC Rule Still Apply?
Christopher Coyne, MD, MPH, University of California San Diego

#152 Pulmonary Embolism in Patients With Cancer: Predicting 30-Day Mortality
Christopher Coyne, MD, MPH, University of California San Diego

#251 Emergency Department Arrival by Ambulance for Patients Receiving a Pulmonary Embolism Diagnosis Is Associated With Hospitalization: Is Coming From Off-Site Radiology an Exception?
Samuel Rouleau, MD, University of California Davis Medical Center

#261 Racial and Ethnic Disparities in the Use of Computed Tomography With Angiography (CTA) for the Diagnosis of Pulmonary Embolism (PE)
Dee Luo, BA, Northwell/Zucker School of Medicine

Cardiovascular (ACS)

Room 307/308

#111 EMF Exploration of Uncertainty Scale Use in Patients With Potential Acute Coronary Syndrome
Grace Amadio, BS, CCRP, Thomas Jefferson University Hospital

#145 External Validation of the Non-Ischemic Troponin Rule-Out in Acute Heart Failure (NITRO-AHF) Decision Instrument for Acute Myocardial Infarction or Revascularization
John Peacock, MD, Indiana University School of Medicine

#162 Feasibility and Diagnostic Yield of Mobile Cardiac Outpatient Telemetry (MCOT) Initiated From the Emergency Department
Alan You, MD, UC San Diego Health

#193 The Incremental Value of Sex in Addition to the History, Electrocardiogram, Age, and Risk Factors (HEAR) Score and High-Sensitivity Cardiac Troponin for 30-Day MACE
Jasmanpreet Kaur, BS, Michigan State University College of Human Medicine

#324 Effect of High-Sensitivity Troponin on ED Length of Stay for Patients Evaluated for Acute Coronary Syndrome
Stacy Trent, MD, MPH, Denver Health Medical Center

Trauma

Room 312/313/314

#217 The Impact of Specialized Geriatric Consultation in a Level 1 Geriatric Emergency Department on the Cost of Care
Edward M. Castillo, PhD, MPH, University of California, San Diego



#244 Utility of Abdominal Computed Tomography in Geriatric Patients With Ground-Level Fall
Wilson Huang, MD, UMass Chan Medical School

#323 Phenobarbital Protocol for Alcohol Withdrawal Syndrome Reduces ICU Length of Stay in Trauma and Burn Patients
Maxwell Raithel, MD, University of Michigan

#365 A Pilot Study of Hypothermia Prevention in a Hemorrhagic Swine Model
Amanda Studer, DO, Naval Medical Center San Diego

#382 A Survey of Exposure to Community Violence and Adverse Childhood Experiences in Emergency Department Patients
Leslie Cachola, MD, Cook County Health

11 a.m.-12 p.m.

Cardiovascular (Non-ACS)
 Room 312/313/314

#22 Efficacy of Emergency Department-Initiated 14-Day Ambulatory ECG Patch Monitors in Patients With Unexplained Syncope
Colin Gershon, NP, MPH, Oregon Health and Science University

#46 The Effect of Mechanical Chest Compression Device on Survival After Out-of-Hospital Cardiac Arrest According to Patient Transport Interval: A Multicenter Observational Study
Hanjin Cho, MD, PhD, Korea University Ansan Hospital

#58 The Impact of Cognitive Impairment and Mood Disorders on Quality of Life in Out-of-Hospital Cardiac Arrest Survivors
Hyojeong Kwon, MD, Asan Medical Center

#257 Exploring Brain Natriuretic Peptide and Subclinical Heart Disease in Emergency Patients With Asymptomatic Hypertension
Bret Nelson, MD, Icahn School of Medicine – Mount Sinai

#346 The Coronavirus Disease (COVID-19) May Change Trends of Outcomes Post Out-of-Hospital Cardiac Arrest in Different Hospital Levels: An Updated Trend From 2017 to 2021
Cheng Yi Fan, MD, Emergency Department, National Taiwan University Hospital Hsin-Chu Branch

Geriatrics/Palliative
 Room 310/311

#74 EMF Early Phase Development of the PROM-OTED Tool: The Patient-Reported Outcome Measure – Older Adult Care Transitions From the Emergency Department
Cameron Gettel, MD, Yale University

#95 A Tender-Loving-Care Volunteer Program to Provide Non-Clinical, Supportive Interventions to Older Adults in the Emergency Department
Audrey Lam, BS, Cedars-Sinai Medical Center

#237 Frequency of Discharge Prescriptions Known to Increase Fall Risk for Older Adults: Estimates of Incidence in the United States
Sam Torbati, MD, Cedars-Sinai Medical Center

#263 Emergency Department Care Transition Barriers: A Qualitative Study of Care Partners of Older Adults With Cognitive Impairment
Cameron Gettel, MD, Yale University

#368 Determining the Combined Impact of Geriatric-Specific Predictors of Hospitalization Among Geriatric Emergency Department Patients
Ben Kiesel, MD, Northwestern University Feinberg School of Medicine

#371 Implementation of a Geriatric Care Coordinator (GCC) Program for High-Risk Geriatric Patients Following Emergency Department Discharge
David Noorvash, MD, Cedars-Sinai Medical Center

Education
 Room 305/309

#109 The Impact of the Patient Role on Medical Student Learning During Peer Simulation
Sherri Rudinsky, MD, Uniformed Services University of the Health Sciences

#144 Foundations of Emergency Medicine Resident as Teacher Experience
Jaime Jordan, MD, MAEd, UCLA

#216 Impact of Proposed Core Faculty Protected Time Requirements: National Survey of Emergency Medicine Faculty on Work Hours and Associated Job Satisfaction
Meredith Thompson, MD, FACEP, University of Florida Gainesville

#258 EMF Students Perspectives of a First-Year Firearm Injury Prevention, Risk Assessment, and Counseling Curricular Intervention
Frankie Pappalardo, BA, Brown University

#349 EMF Virtual Reality Simulation to Assess EPA-10 in Fourth-Year Medical Students
Matthew Malone, MD, Ohio State University Department of Emergency Medicine

#405 EMF Developing an Opioid Use Harm Reduction Tool for Emergency Medicine Residents
Timothy Kelly, MD, Mount Sinai

Refer to the ACEP mobile app for complete Research Forum details.

Disaster Medicine/EMS Room 306

#185 Identification of At-Risk Patients in a Statewide EMS “Naloxone Leave Behind” Program
Jesse Naumann, BS, University of Vermont Larner College of Medicine

#196 An Infographic Utilized as a Just-In-Time Tool for Paramedic EKG Interpretation
Robert Pell, MD, UCF COM/ HCA GME Consortium Greater Orlando

#219 Socioeconomic and Racial/Ethnic Disparities in Pre-Hospital Pain Management for Patients With Long Bone Fractures
Remle Crowe, PhD, NREMT, ESO

#220 Emergent Medicine: Impact of Pre-Hospital Red Lights and Sirens (RLS) on Time to Antibiotic Administration in Sepsis Alert Patients
Erica Warkus, MD, PhD, Sarasota Memorial Hospital

#294 Rapid High-Dose Buprenorphine Induction for Fentanyl Using Patients by Paramedics
Andrew Herring, MD, Highland Hospital, Alameda Health System

#357 Implementation of a Behavioral Health Paramedic Program for Crisis Navigation
Mary Mercer, MD, MPH, University of California San Francisco

12-1 p.m.

Health Care Policy/ Health Services Research Room 312/313/314

#77 Results of a Novel National Emergency Department Chief Complaint Database
Anita Vashi, MD, MPH, MHS, Center for Innovation to Implementation (CI2I), VA Palo Alto HCS

#81 Development of a Novel Emergency Department Quality Measure to Reduce Very Low-Risk Syncope Hospitalizations
Alexander Janke, MD, Yale

#89 A Qualitative Study of the Implementation of a California State Mandate on Discharge Processes for Patients Experiencing Homelessness
Haruna Aridomi, Medical Student, University of California, San Francisco

#122 Number of Acute Care Beds Is Not a Reliable Predictor of Emergency Department Volumes in Small Rural/Critical Access Hospitals
Scott Findley, MD, West Virginia University

#133 Rates and Predictors of Emergency Department Mis-Triage: A Multiyear, Multicenter Study
Dana Sax, MD, MPH, The Permanente Medical Group

#136 Ambulatory Follow-up After ED Discharge and Association With Outcomes Among Older Adults With Alzheimer’s Disease and Related Dementia
Michelle Lin, MD, MPH, MS, FACEP, Mount Sinai

Infectious Diseases (COVID-19) Room 306

#82 Beyond the Breaking Point: Hospital Occupancy and Emergency Department Boarding During COVID-19
Alex Janke, MD, MHS, Yale University

#105 Mortality of Trauma Patients With COVID-19
Gabe Lancaster, MD, University of Iowa Hospitals and Clinics

#155 Assessment of Bystander Cardiopulmonary Resuscitation Comfort Level in Out-of-Hospital Cardiac Arrests Amidst an Ongoing Pandemic
Anthony Thai, BS, Case Western Reserve University – School of Medicine

#206 Children Under 12 Presenting to the Emergency Department With COVID-19
Casey Collier, MD, Ascension Resurrection Medical Center

#278 Dissemination of Information About Ivermectin on Twitter During the COVID-19 Public Health Emergency
Sangeeta Ahluwalia, PhD, RAND Corporation

#286 Trends in Trauma Admissions and Severity at a Level II Trauma Center During the COVID-19 Pandemic
Ryan Hartman, MD, FACEP, Mount Carmel Hospital System/ Mount Carmel East

Resuscitation/ Critical Care/EMS Room 305/309

#86 Short-Term Outcomes and Patient Perceptions After EMS Non-Transport During the COVID-19 Pandemic
Jake Toy, DO, Harbor-UCLA Medical Center Department of Emergency Medicine and the Lundquist Institute for Research

#92 Burn Injury Assessment Study: How Good Are We at Assessing Burn Injury?
Jeffrey Carter, MD, FACS, Louisiana State University Health Sciences Center

#184 EMF Implementation of a Novel Fluid Resuscitation Device for the Care of Sepsis Patients: Processes and Perceptions in the Pre-Hospital Setting
Julianne Cyr, MPH, CPH, Emergency Medicine, University of North Carolina

#198 Rapid Resuscitation for Hemorrhagic Shock: Hemodynamically Unstable Patients May Do Better Than Those Presenting With Normal Vitals
Valerie De Maio, MD, MSc, FACEP, University of North Carolina at Chapel Hill

#212 Wait, What? Oral Midodrine Instead of Pressors For Septic Shock?
Madeleine Puissant, MD, PhD, Maine Medical Center

#406 EMF Early Fluid Delivery by Emergency Medical Services for Sepsis Using a Novel Rapid Infusion Device
Mehul Patel, PhD, University of North Carolina at Chapel Hill

Neurology Room 310/311

#134 Diagnostic Accuracy of the Physical Exam in Patients With Vertigo or Dizziness Presenting to the Emergency Department: A Systematic Review and Meta-Analysis Supporting the Guidelines for Reasonable and Appropriate Care in Emergency Medicine
Danya Khoujah, MBBS, MEHP, University of Maryland School of Medicine

#215 Fixed-Dose Versus Weight-Based 4-Factor Prothrombin Complex Concentrate Dosing for Reversal of Warfarin-Induced Intracranial Hemorrhage
Marianne Pop, PharmD, MPH, BCPS, University of Illinois College of Pharmacy

#227 Canalith Repositioning Maneuvers (CRM) for Benign Paroxysmal Positional Vertigo (BPPV): A Synthesis of Systematic Reviews
Danya Khoujah, MBBS, MEHP, University of Maryland School of Medicine

#236 Delta National Institutes of Health Stroke Scale After Alteplase for Acute Ischemic Stroke
Abigail Alorda, MD, UCF/HCA GME Consortium of Greater Orlando

#292 Spanish Versus English Language Use of Stroke Evaluation Process
Lauren Diercks, BS, University of Texas Southwestern

#321 Not So Benign Paroxysmal Positional Vertigo in the Emergency Department
Victoria Moaddel, MS, Michigan State University College of Human Medicine

12-1:30 p.m.

EMF Awards Showcase Room 307/308

2022 Outstanding Contribution in Research Award Winner
Deborah B. Diercks, MD, MSc, FACEP

2022 Outstanding Contribution in Research Award Winner
Kevin R. Ward, MD

Racial Residential Segregation and Long-Term Outcomes Among Medicare Beneficiaries After Out-of-Hospital Cardiac Arrest
Ethan Abbott, DO, MSCR, FACEP

Frequency of Tick-Borne Coinfections in Children With Suspected Lyme Disease
Lise Nigrovic, MD, MPH

Intubatable 3D Printed Airway Manikin: A Feasibility Study for Replicating Real Patient Anatomy
Annmari Cardell, MD

Augmenting D-Dimer Testing for Pulmonary Embolism Rule-Out in the Emergency Department With Artificial Intelligence
Adrian Haimovich, MD

1-2 p.m.

State-of-the-Art II: Healthcare Workforce (EP, RN, Rural) Room 312/313/314

The recent EM workforce report and COVID pandemic have had an unprecedented impact on the specialty. In this session, hear from prominent researchers discussing the state of the emergency workforce for both physicians and nurses, including unique challenges for rural emergency care provision, and implications for ensuring access to high-quality emergency care.
Margaret Greenwood Ericksen, MD, MSc; Catherine A. Marco, MD, FACEP, Courtney Vose, DNP, MBA, RN, APRN, NEA-BC, FAAN

2-3 p.m.

Plenary II: New and Noteworthy Room 312/313/314

#4 COVID-19 Vaccine Messaging Platforms Increase Vaccine Acceptance and Uptake in Unvaccinated Emergency Department Patients: A Cluster Randomized Controlled Trial
Robert Rodriguez, MD, UCSF School of Medicine

#7 EMF Racial Residential Segregation and Long-Term Outcomes Among Medicare Beneficiaries After Out-of-Hospital Cardiac Arrest
Ethan Abbott, DO, MSCR, Icahn School of Medicine at Mount Sinai

#10 Emergency Department Boarding Is Associated With Lower Profit Margins in Higher Performing Hospitals
Nathaniel Oz, MD, Department of Emergency Medicine, Alpert Medical School of Brown University

#14 The Impact of a Mixed Fast-Track and Mid-Acuity Track Area With a Vertical Component on Emergency Department Throughput
Michael Muradian, MD, Beaumont Hospital – Royal Oak

#15 Facilitating Emergency Department Research on Older Adults Through Creation of a Research Data Warehouse
Evelyn Brady, BA, West Health Institute

#17 Saline Versus Plasma Solution-A in Initial Resuscitation of Patients With Out-of-Hospital Cardiac Arrest: A Randomized Clinical Trial
Jae-Hyug Woo, MD, Gachon University Gil Medical Center, Gachon University College of Medicine

Pain Management Room 306

#36 Stop the Vomit: Haloperidol as a Superior First-Line Antiemetic
Stephen Godfrey, MD, Western Michigan University SOM

#129 Establishing an Outpatient Rapid Assessment Service for Patients With Suspected Malignancies
Sabena Vaswani, MD, Columbia University

#293 Return Rates For Opioid Versus Non-Opioid Management of Abdominal Pain in the Emergency Department
Zachary Ginsberg, BS, Mayo Clinic Alix School of Medicine

#320 Trends in Acute Care of Vaso-Occlusive Episodes in the Emergency Department Following the 2014 National Heart Lung Blood Institute Guidelines
Edgardo Ordonez, MD, MPH, Baylor College of Medicine

#409 EMF Baseline Variation in Lung Point of Care Ultrasound Cohorts With COVID: Implications for Prognostication
Daniel Theodoro, MD, MSCI, Washington University School of Medicine

Quality Improvement/ Patient Safety Room 307/308

#53 Multicenter Test of the Emergency Department Trigger Tool: Site Differences in Adverse Events Detected
Richard Griffey, MD, MPH, Washington University in St. Louis School of Medicine

#123 Reducing ED Back Pain Bounce-Back Proportion: Prescribing Physical Therapy
Atef Kotob, MD, University of Iowa

#192 Using the Electronic Health Record to Identify Patients Presenting to the Emergency Department at Highest Risk for Subsequent Overdose
Eric Reed, MD, The MetroHealth System, Case Western Reserve University

#213 Development of a Quality Scorecard for Mobile Integrated Health
Francesco Sergi, MPH, MD Candidate, University of California, San Francisco, School of Medicine

#295 Updating Patient Care: Where Do We Begin?
Allaa Aldalati, MBBS, Mayo Clinic

#411 EMF Measurement of Cost of Boarding Code Stroke Patients in the Emergency Department Using Time-Driven Activity-Based Costing
Maureen Canellas, MD, MBA, University of Massachusetts Medical School

Pediatrics Room 305/309

#94 Adolescents Suicide Rates by Ethnicity – Data From the National Vital Statistics System 2015-2020
John Howell, MD, FACEP, Inova Fairfax Medical Center

#135 Impact of Race and Ethnicity on Cranial CT Use in Children With Minor Head Trauma
Nisa Atigapramoj, MD, University of California, San Francisco

#234 Utility of Shunt Series in the Evaluation of VP Shunt Dysfunction in Pediatrics
Jeffrey Chacko, MD, UAMS

#255 Delivery of Epinephrine by Metered-Dose Inhaler for the Treatment of Croup in Children
Kimberly Kahne, MD, Cohen Children's Medical Center

#171 Presentations of Infants With Skull Fractures ≤ 3 Months of Age, With and Without Intracranial Hemorrhage (ICH)
Ellen Kettler, MD, Rady Children's Hospital

#347 The Association of Environmental Factors on Emergency Pediatric Asthma-Related Health Care Utilization
Hashem Zikry, MD, Icahn School of Medicine at Mount Sinai

Wellness/Education/ Public Health Room 310/311

#118 Wilderness Medicine Curricula In Non-Physician Training Programs
Maria Holstrom-Mercader, BS, Penn State College of Medicine

#140 Factors Influencing Emergency Medical Services Burnout
Rachel Antol, MD, John Peter Smith Hospital

#221 Impact of the COVID Pandemic on Emergency Medicine Physician Wellbeing and Burnout: A 2-Year Longitudinal Study
Julie Welch, MD, Indiana University School of Medicine

#271 Association Between Extreme Crowding and Wellness on Shift in a Pediatric Emergency Department
Heather Kelker, MD, Indiana University School of Medicine Department of Emergency Medicine Riley Hospital for Children at Indiana University Health

#272 An Approach to Point-of-Care Ultrasound Training in a Teaching Hospital in The Gambia
Averyl M. Shindruk, MD, UC Davis

#325 Bridging the Gap: Medical Interpreter Utilization Workshop to Improve Communication
Adedoyin Adesina, MD, FACEP, Baylor College of Medicine

3-4 p.m.

Telemedicine/Informatics Room 305/309

#23 "Tele-observation": Evaluation of a Virtual Provider Program in an Emergency Department Observation Unit
Caleb Leibee, DO, Johns Hopkins School of Medicine

#24 Emergency Department Virtual Telehealth Rounding – A Strategy for a Pandemic and Beyond
Keegan Mullins, MD, Orlando Health

#67 Tele-Emergency Care May Improve Access to Emergency Care Resources While Reducing Need for In-Person Emergency Department Evaluation
Lisa Zhao, MD, VA Greater Los Angeles Healthcare System

#99 Who Reads Their Notes: Characteristics of Patients Viewing Notes in the Emergency Department Following an Open Notes Rollout
Scott Ogan, MD, UC San Diego Health

#147 When, What, and How Frequently Do Patients Electronically Access Their Emergency Department Records After Discharge?
James Killeen, MD, University of California, San Diego

#356 Frequency, Test Characteristics, and Patient Demographics Associated With Lab and Imaging Results Viewed in the Emergency Department During Encounters
Brian Kwan, MD, MS, University of California, San Diego

Resuscitation/ Critical Care Room 312/313/314

#68 Extracorporeal Membrane Oxygenation for Cardiac Arrest: Does Age Matter?
Krista Stephens, MD, MPH, University of New Mexico

#167 Predictors of Sustained ROSC and Good Neurologic Outcome After PEA Arrest
Trilok Stead, Mount Dora HS

#241 Multicenter Prospective Evaluation of Out-of-Hospital Cardiac Arrest Patients Using Transesophageal Echocardiography: A Preliminary Analysis From The Resuscitative TEE Collaborative Registry
Felipe Teran, MD, MSCE, Weill Cornell Medicine

#267 Throwing the Baby Out With the Ice Water? Dramatic Decreases in Targeted Temperature Management for Out-of-Hospital Cardiac Arrest
David Slattery, MD, FACEP, FAEMS, Kirk Kerkorian School of Medicine at UNLV

#337 Association of Serum Magnesium Level at Emergency Department Arrival and Favorable Neurologic Outcome for Out-of-Hospital Cardiac Arrest
Park Jong-Hak, MPH, Korea University Ansan Hospital

#339 Relationships of Jugular Bulb Parameters Used as Indicators of Cerebral Perfusion and Metabolism With Cerebral Perfusion and Metabolism After Resuscitation From Cardiac Arrest: A Post-Hoc Analysis of Experimental Studies Using a Minipig Model
Kyung Woon Jeung, MD, PhD, Chonnam National University Hospital

Refer to the ACEP mobile app for complete Research Forum details.

Social Determinants of Health

Room 306

#72 Association of Limited English Proficiency and Increased Emergency Department Waiting Room Lengths of Stay

Thomas Lim, MD, Mayo Clinic Hospital, Emergency Department

#79 Association of Limited English Proficiency and Irregular Emergency Department Departures and Return Visits

Sarah Bower, Research Student, Mayo Clinic

#120 Inclusion of Non-English Language Preference Patients in Trauma and Emergency Medicine Related Motor Vehicle Collision Research

Rebecca Leff, MD, Department of Emergency Medicine, Mayo Clinic

#240 Emergency Department Patients Who Leave Prior to Being Seen: Demographics and Predisposing Factors

Carlos Lopez Ortiz, MD, University of Central Florida

#262 Developing Novel Tools for Clinicians to Discuss Immigration for Resource Referral in the Emergency Department

Leonardo Garcia, Medical Student, University of California San Francisco

#359 The Impact of an Experiential Social Medicine Curriculum in a County Emergency Medicine Residency Training Program: A Mixed Methods Study

Hurban Vongsachang, MD, MPH, Los Angeles County + University of Southern California Medical Center

Toxicology/Pharmacology

Room 310/311

#73 Therapeutic Effects of Melittin Against Acetaminophen-Induced Liver Injury in Mice

Gyunmoo Kim, MD, PhD, Department of Emergency Medicine, Daegu Catholic University School of Medicine

#91 The Promising Use of an Emergency Department Observation Unit to Manage Patients With Opioid Use Disorder

Thai Tran, MD, Rutgers New Jersey Medical School

#106 Lipid Emulsion Therapy During Resuscitation of the Critically Ill Poisoned Patient: A Prospective Cohort Study

Michael Levine, MD, University of California, Los Angeles

#163 Caustic Ingestions: Acids or Bases. Does it Matter?

Michael Levine, MD, University of California, Los Angeles

#291 Caustic Ingestions: Does Intent Matter?

Michael Levine, MD, University of California, Los Angeles

#343 EMF Identifying and Addressing Barriers to Emergency Department Buprenorphine Use Across a Health Care System

Grant Comstock, MD, Rocky Mountain Poison and Drug Safety

3-4:30 p.m.

Medical Student Award Competition

Room 307/308

#8 Comparison of One-Year Outcomes by Management Type in Patients Presenting to the ED With Uncomplicated Acute Appendicitis

Michael Makutonin, BS, George Washington University School of Medicine and Health Sciences

#18 Comparative Safety and Efficacy of a Hybrid Intravenous and Oral Diltiazem Protocol for Acute Rate Control in the Emergency Department

Brad Hall, PharmD, MS, University of South Florida Morsani College of Medicine

#36 Stop the Vomit: Haloperidol as a Superior First-Line Antiemetic

Stephen Godfrey, MD, Western Michigan University SOM

#48 COVID-19 and H1N1 Pneumonia: Reanalysis and Comparison of Two Cohorts

Eduardo Sorice, Faculdade de Medicina da Universidade de São Paulo

Resident Award Competition

Room 307/308

#14 The Impact of a Mixed Fast-Track and Mid-Acuity Track Area With a Vertical Component on Emergency Department Throughput

Michael Muradian, MD, Beaumont Hospital, Royal Oak

#18 Atomized Intranasal Ketorolac Versus Intravenous Ketorolac for Treatment of Severe Renal Colic in the Emergency Department: A Double-Blind, Non-Inferiority, Randomized Controlled Trial

Usama Al-Khalasi, MD, Oman Medical Specialty Board

#23 "Tele-observation": Evaluation of a Virtual Provider Program in an Emergency Department Observation Unit

Caleb Leibee, DO, Johns Hopkins School of Medicine

#25 Derivation and Validation of a Clinical Decision Rule to Risk Stratify Emergency Department Patients Diagnosed With Seasonal Influenza

Michael Pajor, MD, Washington University in St. Louis School of Medicine

4-5 p.m.

Trauma

Room 312/313/314

#45 Association Between Compliance With an Organized State Burn Triage Center and Burn Outcomes

Michaela Banks, MD, MBA, Louisiana State University Health Sciences Center, New Orleans

#268 Axillary Use of Three Junctional Tourniquet Devices in Human Volunteers

Chad Thompson, MD, Naval Medical Center Portsmouth

#283 Trauma Team Activation Fees Vary Widely Based on Region and Hospital Type

Kristina Pagano, BS, Herbert Wertheim College of Medicine – Florida International University

#303 Improving Obstetrical Trauma Care Using a Standardized Protocol

Johnna Renee Ridley, MD, PhD, RN, MSN, University of Texas Rio Grande Valley (UTRGV)/Doctor's Hospital at Renaissance Women's Hospital (DHR-WH)

#360 Pneumothorax and Pneumocephalus Following Penetrating Thoracic Trauma: A Case Report

Cuahtlehuantzin Rangel, MD, Kern Medical Center

#362 Transferring Children With Pediatric Skull Fractures Without Underlying Brain Injury: Is It Necessary?

Khin Tun, MD, Lincoln Medical Center

Disaster Medicine/EMS

Room 305/309

#52 Methodology for Measuring Health-Related Quality of Life Impact of Disasters

Greg Neyman, MD, Robert Wood Johnson Barnabas Health Community Medical Center

#100 A Hybrid Management System for Pandemic Success: Application of the Incident Command and Lean Management Systems in San Francisco's COVID Response

Mary Mercer, MD, MPH, University of California San Francisco

#179 Association Between Bystander Cardiopulmonary Resuscitation With and Without Public Access Defibrillator Use and Neurologic Outcomes After Out-of-Hospital Cardiac Arrest

Sanghun Kim, MD, Department of Emergency Medicine, Seoul National University Hospital

#214 Characteristics of OHCA Survival and EMS Interaction During the COVID-19 Pandemic

Kelsey Thompson, Rutgers Robert Wood Johnson Medical School

#297 Creating a Framework for Mass Casualty Response Infrastructure

Diksha Mishra, MD, Weill Cornell Medical Institute

#301 A Multi-Agency Description of Whole Blood Administrations by Emergency Medical Services During 9-1-1 Responses

Antonio Fernandez, PhD, NRP, ESO

Ultrasound

Room 306

#66 The Use of Additional Imaging Studies After Abnormal Biliary Point-of-Care Ultrasound in the Emergency Department

Stephanie Fernandez, MD, Mount Sinai Medical Center

#87 A Low-Cost Simulator for Ultrasound-Guided Retrograde Endovascular Balloon Occlusion of the Aorta

Regina Martinez, MD, University of Miami/Jackson Memorial Hospital

#97 RESCUE TEE Simulation Training: Evaluating the Learning Curve, Competence, and Skill Retention of Emergency Physicians Following a 6-Hour RESCUE-TEE Simulator-Based Training Workshop

Ryan Giorgetti, MD, NY Presbyterian Brooklyn Methodist Hospital

#190 Spontaneous Echo Contrast in Out-of-Hospital Cardiac Arrest: Measurement of Agreement and Incidence

Elliot Fox, MD, UMass Memorial Medical Center

#284 Collaboration With a Bioengineering Senior Design Course to Develop a Novel Medical Device Facilitating Vessel Cannulation Under Continuous Ultrasound Guidance
Matthew Grzywnski, MD, University of Michigan

#351 The Accuracy of Handheld Ultrasound in the Evaluation of Symptomatic Pregnant Patients in the Emergency Department
Ojeagbase Asikhia, MD, Thomas Jefferson University Hospital

Health Care Policy/ Health Services Research Room 310/311

#103 Level 4 and Level 5 Emergency Department Fees in Florida Vary Widely
Matthew Apicella, DO, Mount Sinai Medical Center

#142 Emergency Department-Initiated Buprenorphine for Opioid Use Disorder: Impact on Patient Outcomes at a Community Hospital
Nicole Maguire, PharmD, Rutgers Health/Community Medical Center

#143 Understanding the Frequency of Emergency Department Utilization by Neurology Clinic Headache Patients Who Self-Report Visiting the Emergency Department for Headaches
Michael Phelan, MD, Emergency Services Institute, Cleveland Clinic

#233 Characteristics of Leadership Communication Associated With Burnout and Teamwork Experience Among Emergency Department Staff During the COVID-19 Pandemic
Tuna Hayirli, MD-PhD Student, Harvard Medical School

#269 Social Vulnerability Index Predicts Reduced Patient Portal Engagement During ED Visits
Robert Turer, MD, UT Southwestern Medical Center

#410 EMF Systematic Review of Recurrent Firearm Injury Rates in the United States
Kristen Mueller, MD, Washington University-St. Louis

MONDAY

9-10 a.m.

Infectious Diseases (COVID-19) Room 312/313/314

#48 COVID-19 and H1N1 Pneumonia: Reanalysis and Comparison of Two Cohorts
Eduardo Sorice Correa, Medical Student, Faculdade de Medicina da Universidade de São Paulo

#177 Impact of a Large Gathering on COVID-19 Transmission in a Community With Multiple Broad Mitigation Measures – New Orleans, Louisiana, Oct. 18, 2021 – Nov. 11, 2021
Michelle St. Romain, MD, Louisiana State University Health Sciences Center, Section of Emergency Medicine

#183 Evaluation of Increase in Thromboembolism During the COVID-19 Pandemic
Samantha Lord, MD, University of Nebraska Medical Center

300 Understanding The Relationship of Key Demographic Indicators on COVID-19 Rates in Emergency Department Settings During Surges
Melodie Santodomingo, MPH, University of California, San Diego

#367 Utilizing Existing Infrastructure to Rapidly Create a Cost-Effective BioBank During the COVID-19 Pandemic in a Southern Community Hospital
Phillip Moschella, MD, PhD, PRISMA Health, University of South Carolina School of Medicine Greenville

#370 Correlation Between the Electronic Frailty Index and Hospitalization Mortality in Older Adults Infected With SARS-CoV-2
Justin Brooten, MD, Atrium Health Wake Forest Baptist

Infectious Diseases Room 306

#62 EMF Metagenomic Analysis of the Urinary Microbiome Among Older Adult Emergency Department Patients With Suspected Urinary Tract Infection
Evan Bradley, MD, PhD, University of Massachusetts Medical School

#63 Neuronal Death-Associated Proteins S100B, Tau, and Neuron Specific Enolase Association to Sepsis-Related Organ Dysfunction and Death in the Elderly: A Prospective Single Center Cohort Study
Victor Vaisberg, MD, Hospital das Clinicas da Faculdade de Medicina da Universidade de São Paulo

#65 Missed Opportunities for Diagnosis of Human Immunodeficiency Virus Within a Non-Risk Based Testing Strategy in Southern Health Systems Emergency Departments
Sarah Guess, MD, Prisma Health

#149 Patterns of Fluoroquinolone Use in the Emergency Department 2009-2019
Ali Pourmand, MD, MPH, University of Maryland School of Medicine

#194 Discordance of Pneumonia Diagnoses From Admission to Discharge: A Retrospective Cohort Analysis of 118 Veterans Affairs Emergency Departments
Elizabeth Rutter, MD, Emergency Physicians Integrated Care

#209 EMF Combined Hepatitis B Virus and Hepatocellular Carcinoma Screening Using Point-of-Care Testing and Ultrasound in a Tanzanian Emergency Department: A Preliminary Report
James Ford, MD, UCSF

Public Health/Injury/ Illness Prevention Room 305/309

#64 Impact of Substance Use Navigators on Addiction Treatment and Outcomes for Emergency Department Patients in an Integrated Public Health System
Henry Schwimmer MD, Alameda Health System

#168 Impact of Connecticut's Good Samaritan Laws in Preventing Opioid Overdose Deaths – An Applied System Dynamics Approach
Syed Shayan Ali, MD, Yale School Of Medicine

#264 Did COVID-19 Mitigation Effect the Accessibility and Usage of Emergency Department Based Programs to Combat Opioid Use Disorder?
Yesol Oh, MS4, The MetroHealth System, Case Western Reserve University

#273 Use of an Electronic Medical Record Flag to Reconnect With Patients Lost to Follow-Up in a Hepatitis C Virus Screening Program
Christian Loszewski, MPH, Henry Ford Hospital

#298 Evaluation of a Multi-Pronged Emergency Department-Based Approach to Reduce Subsequent Overdoses in a High-Risk Emergency Department Population of Opioid Users
Joan Papp, MD, The MetroHealth System, Case Western Reserve University

#299 EMF Community Outreach for Patient Engagement: A Randomized Controlled Trial Using Implementation Framework
Roz King, MSN, RN, CNL, University of Vermont, Lamer College of Medicine

Resuscitation/ Critical Care Room 307/308

#104 Emergency Department Implementation of a Two Bag Diabetic Ketoacidosis Protocol Decreases Time to Resolution: A Retrospective Single Center Analysis
Hannah Gilchrist, PharmD, Dartmouth-Hitchcock Medical Center

#137 Does Boarding Time in the Emergency Department Contribute to Mortality Among Those Who Are Mechanically Ventilated?
Alexis Johnson, MD, UC San Diego Health

#207 Outcomes of Patients With Septic Shock in an Emergency Department-Based Intensive Care Unit
Sarah Perez, MD, University of Michigan

#249 Differences in Emergency Department Sepsis Care: Do Race, Sex, and Language Matter?
Catherine Nacier, Alpert Medical School of Brown University

#302 Data or Dogma: Initial Potassium Levels in Patients Presenting to the Emergency Department in Diabetic Ketoacidosis
Laura Melville, MD, MS, New York Presbyterian-Brooklyn Methodist Hospital

#336 Impact of Emergency Department-Based Intensive Care Unit on Outcomes of Decompensating Boarding Patients in the Emergency Department
Jessica Doan, MD, Department of Emergency Medicine, University of Michigan, Ann Arbor, MI, USA

Quality Improvement/ Patient Safety Room 310/311

#107 Systematic Review of Ionizing Radiation Dose Exposure for Commonly Performed Chest Imaging Techniques in the Emergency Department Setting
Hedi Zappacosta, BS, UCLA

Refer to the ACEP mobile app for complete Research Forum details.

#164 The Impact of Hallway Placement on Emergency Department Operations for Discharged Patients With Abdominal Pain
Rohit Sangal, MD, MBA, Yale University School of Medicine

#270 Code De-Escalation: Effectiveness and Feasibility Pilot Study of Intervention to Decrease Restraint Use and Health Inequities in Agitation Management in a Community Hospital Emergency Department
Alice Bukhman, MD, MPH, Brigham and Women's Faulkner Hospital

#289 Impact of an Emergency Department Quality Improvement Initiative to Promote Safe Discharge of Low-Risk Chest Pain Patients
Meredith Busman, MD, Michigan Emergency Department Improvement Collaborative; Emergency Care Specialists

#350 Emergency Department-Based Magnetic Resonance Imaging Utilization and Operational Impact in a Rural, Academic Medical Center: A Single-Center, Retrospective, Observational Study
Kalle Fjeld, MD, Dartmouth Hitchcock Medical Center

#364 A Dangerous Case of the "Goldilocks Effect": Experimental Demonstration of Potential Vascular Injury Mechanism With Central Venous Catheter Insertion
Joshua Broder, MD, Duke University School of Medicine

10-11 a.m.

Prime Time Practice Changers

Room 312/313/314

This course will focus on the highlights of the ACEP Research Forum. The speakers will discuss the highly impactful and innovative research that was presented at this year's event in an entertaining and interactive forum.

Marna Greenberg, DO, MPH, FACEP; Pearson, MD, MPH, FACEP; Ambers Sabbatini, MD, MPH

Trauma

Room 305/309

#20 Outcome Study of Mild Traumatic Brain Injury Patients Integrating a Brain Electrical Activity-Based Decision Rule
Joseph Miller, MD, MS, FACEP, Henry Ford Health

#26 Emergent Large Vessel Occlusion Stroke Direct Triage Models: A Systematic Review and Meta-Analysis
Jacob Morey, MD, MBA, Mayo Clinic

#44 Prediction of Mortality Among Patients With Isolated Traumatic Brain Injury Using Machine Learning Models in Asian Countries: An International Multicenter Cohort Study
Juhyun Song, MD, PhD, Korea University Ansan Hospital

#102 Prediction of Elevated Intracranial Pressure Using Quantitative Electroencephalogram in a Porcine Experimental Traumatic Brain Injury Model
Ji Eun Pak, MD, Seoul Metropolitan Boramae Medical Center

#211 Traumatic Injury to the Posterior Fossa: A Secondary Analysis of Demographics, Clinical Characteristics, Computed Tomography Imaging, and Outcomes
Tarika Gujral, BS, University of California, Los Angeles

#281 Pre-Hospital TXA Administration Opportunities in Trauma Patients Transported by ALS Ground EMS – A Descriptive Study
Jeffrey Wood, PA-C, Mayo Clinic

#315 Coagulopathies and Mortality in Patients With Traumatic Subarachnoid Hemorrhage
Eric Melnychuk, DO, Geisinger Medical Center

Disaster Medicine/EMS

Room 307/308

#26 Emergent Large Vessel Occlusion Stroke Direct Triage Models: A Systematic Review and Meta-Analysis
Jacob Morey, MD, MBA, Mayo Clinic

#59 Emergency Medical Technicians Can Administer Nitrous Oxide for Effective Analgesia in an Urban Multitiered EMS System.
Emiliano Costilla, M-1, NRP, Greenville County EMS

#93 Patients With Sickle Cell Disease Pain Crises Are Often Undertreated in the PreHospital Setting: A Multi-Agency Cohort Study
Renee Johnson, MD, MPH, Assistant Professor of Emergency Medicine, University of Texas Health Science Center at Houston, McGovern School of Medicine

#178 Assessing the Sympathetic Response of Physicians and Trainees When Exposed to a Virtual Reality Mass Casualty Incident Simulation
Matthew Tovar, BS, George Washington University School of Medicine and Health Sciences

#232 Emergency Medicine Services Handoff of Patients in Cardiac Arrest in the Emergency Department: A Retrospective Video Review Study of Duration and Frequency of Communication
Devin Howell, DO, AEMT-CC, North Shore University Hospital

#361 EMF A Nationwide Quality Assessment of Emergency Medical Services Management of Asthma and Chronic Obstructive Pulmonary Disease Exacerbations in the United States
Gregory Peters, MD, Massachusetts General Hospital

Ultrasound

Room 310/311

#42 Artificial Intelligence Model to Identify Organ Features for Guiding FAST Ultrasound Exams
Nikolai Schnittke, MD, PhD, Oregon Health & Science University

#124 Utility of Point-of-Care Ocular Ultrasound in the Evaluation of Periorbital and Orbital Infections
Ryan Brzycki, DO, University of Arizona

#125 Evaluation of Normal Reference Ranges for Ultrasound Measurements of the Hip Joint in Elderly Patients
Felipe Aguayo, MD, Baylor College of Medicine

#141 Frequency of Computed Tomography When Point-of-Care Ultrasound Is Performed for Acute Flank Pain in the Emergency Department
Will JohnJulio, DO, and Ultrasound Fellowship Graduate, Allegheny General Hospital

#197 Deep Learning Based Scoring of Pulmonary Congestion for BLUSHED AHF Trial
Andrew Goldsmith, MD, MBA, Brigham and Women's Hospital

#369 Echocardiographic Features and the Prediction Score Validation in Predicting Adverse Outcomes in Emergency Department Patients With Pericardial Tamponade
Onyinyechi Eke, MD, Massachusetts General Hospital

Toxicology/Pharmacology

Room 306

#119 Cannabis-Induced Anxiety Disorder in the Emergency Department
Man Yee Keung, MS, Department of Emergency Medicine, Michigan State University College of Human Medicine

#259 Outcomes and Resource Utilization of Patients Present to the Emergency Department With Opioid and Benzodiazepine Poisoning
Christine Ramdin, PhD, Rutgers New Jersey Medical School

#266 The Importance of Opioid and Naloxone Education in the Emergency Department for High-Risk Age Groups
Jacob Steenblik, DNP, MPH, MHA, University of Utah

#296 U.S. National Trend of Cyclobenzaprine Use in the Emergency Departments 2007-2019
Ali Pourmand, MD, MPH, The George Washington University School of Medicine and Health Sciences

#318 How Are Research Associate Programs Structured? The First Updated, Cross-Sectional Survey of Programs Across the U.S. and Canada
Hiba Samaha, DO, Trinity Health

#326 Phenobarbital Versus Benzodiazepines for Treatment of Alcohol Withdrawal in the Emergency Department: A Systematic Review and Meta-Analysis
Carmen Lee, MD, MAS, Highland Hospital

11 a.m.-12 p.m.

State-of-the-Art III: Healthcare Workforce

Room 312/313/314

This session will review the state-of-the-art evidence related to sex- and gender-specific differences in the clinical presentation, physiology, and outcomes of ED patients from the focus of cardiology, stroke, and venous thromboembolism.
Basmah Safdar, MD, MSc; Tracy E. Madsen, MD, MSc, PhD, FAHCEP, FAHA, Angela Jarman, MD, MPH

12-1 p.m.

Plenary III: Practice-Changing Emergency Research

Room 312/313/314

#3 Clinical Confirmation of Improved Likelihood of Survival Associated With the Use of the Head-Up CPR Bundle for Non-Shockable Cardiac Arrest Presentations
Paul Pepe, MD, MPH, University of Texas Health Sciences Center, Houston

#5 EMF Frequency of Tick-Borne Coinfections in Children With Suspected Lyme Disease
Lise Nigrovic, MD, MPH, Boston Children's Hospital



#8 Comparison of One-Year Outcomes by Management Type in Patients Presenting to the ED With Uncomplicated Acute Appendicitis
Michael Makutonin, BS, George Washington University School of Medicine and Health Sciences

#11 Implementation of a Hospice Transition Protocol in an Emergency Department to Facilitate End-Of-Life Care
Michelle Crispo, MD, Maine Medical Center

#16 The Impact of an Emergency Department Alternatives to Opiates (ALTO) Program on Opiate Administration
David Marshall, DO, Henry Ford Hospital

#18 Comparative Safety and Efficacy of a Hybrid Intravenous and Oral Diltiazem Protocol for Acute Rate Control in the Emergency Department
Brad Hall, PharmD, MS, Fourth-Year Medical Student, University of South Florida Morsani College of Medicine

Diversity/Education/ International Room 305/309

#30 Current Understanding and Relevant Trends in Altitude Illness in Nepal (CURTAIN)
Elan Small, MD, Stanford University Department of Emergency Medicine

#166 Barriers and Facilitators to Emergency Medicine Residency Program Development in Latin America and the Caribbean
Kendra Arriaga Castellanos, Medical Student, UCLA

#188 "I'd Rather See Action": Application and Recruitment Experiences of Underrepresented in Emergency Medicine Trainees
Michelle Suh, MD, Baylor College of Medicine

#195 Satisfaction of Patients With Emergency Care Services Received in Sub-Saharan Africa: A Systematic Review
Rebecca Leff, MD, Mbarara University of Science and Technology, Uganda

#238 A Comparison of Sengstaken-Blakemore Tube Insertion Performance Between Academic Emergency Medicine Attending and Resident Physicians
Dylan Lukato, MD, Stanford University Department of Emergency Medicine

#312 Racial Differences in Adult Emergency Department Triage Assignment Across an Urban-Rural Health System
Madeleine Puissant, MD, PhD, Maine Medical Center

Infectious Diseases (COVID-19) Room 306

#34 A Remote Monitoring Program for Patients Discharged From the Emergency Department With Mild to Moderate COVID-19 Infection
Vanessa Voge, MD, CHRISTUS Health/Texas A&M Health Science Center

#165 Trends in Emergency Department Dental Pain Visits During the COVID-19 Pandemic
Margaret Nilz, MPH, American College of Emergency Physicians

#208 Performance Assessment of Electronic Nose Device for Detection of COVID-19 in Breath Samples
Yoyou Duanmu, MD, MPH, Stanford University

#235 COVID-19 Booster Vaccine Hesitancy in the Emergency Department
Melanie Molina, MD, University of California, San Francisco

#322 The Impact of the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Pandemic on Pediatric Emergency Department Encounters in a Major Metropolitan Area.
Jeffrey Stowell, MD, 1) Creighton University School of Medicine (Phoenix) Program- Emergency Medicine, Phoenix, Arizona 2) University of Arizona College of Medicine – Phoenix, Department of Emergency Medicine, Phoenix, Arizona 3) Valleywise Health, Department of Emergency Medicine, Phoenix, Arizona

#342 COVID-19 Infection Is Associated With Repeat Emergency Department Visits
Michael Moseley, Medical Student, Brody School of Medicine

Ultrasound Room 307/308

#128 Impact of a Cadaver Lab and Video Content-Based Curriculum on Emergency Medicine Physician and Advanced Practice Provider Performance Confidence and Clinical Utilization of Ultrasound-Guided Knee and Ankle Arthrocentesis
Donnell Philippe Octavio Lazaro-Paulina, MD, Mayo Clinic

#130 Novice-Performed Point-of-Care Ultrasound for Home-Based Imaging
Sara Schulwolf, BA, University of Connecticut School of Medicine

#154 Gamification of Point of Care Ultrasound: Are Students Learning?
Frances Russell, MD, Indiana University

#158 The Immediate and Long-Term, Follow-Up Impact of a Brief Educational Intervention on Attending Physicians in the Placement of Ultrasound-Guided Intravenous Catheters
Nadia Baranchuk, MD, South Shore University Hospital Northwell Health

#345 Creating a Deep Learning Classifier for the Detection of Soft Tissue Infections Using Point-of-Care Ultrasound Images
Ryan Barnes, DO, Medical University of South Carolina

#353 The Use of Simulation Ultrasound to Train Emergency Clinicians in Transvaginal Ultrasound
Lauren Selame, MD, Brigham and Women's Hospital

Quality Improvement/ Patient Safety Room 310/311

#57 Buprenorphine Initiation for Pregnant Patients with Opioid Use Disorder: A Multicenter Observational Study of California Bridge Sites
Amy Liang, MD, Highland Hospital at Alameda Health System

#61 Designing And Developing A Digital Equity Dashboard For The Emergency Department
Sojung Yi, MD, University of California San Francisco Department of Emergency Medicine

#80 Identifying Positive Deviant Nurses in the Speed of Administering Antibiotics for Sepsis and Discovering Their Tactics
Nima Sarani, MD, The University of Kansas Health System

#138 The Effect of Changes in Physician Shift Times and Physical Patient Coverage Areas on Resident Sign-Out Burden in an Academic Emergency Department
Travis Kling, MD, University of California Davis Health

#150 The Rate and Risk Factors Associated With Short-Term Unplanned Visit With Admissions After Emergency Department Discharge: A Systematic Review and Meta-Regression Analysis
Amin Mohamadi, MD, MPH, Metropolitan Hospital Center

#169 Establishing Reliable Detection and Follow-Up of Newly Diagnosed Chronic Kidney Disease in Emergency Department Patients
Brian Kwan, MD, MS, University of California, San Diego

#260 Improving Patient Satisfaction With Mobile-Based Real-Time Results Sharing in the Emergency Department
Dee Luo, BA, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

AD INDEX

Huddy ED Design
Inside Front Cover

Envision Physician Services
Back Cover

American Physician Partners
Page 3

Janssen Pharmaceuticals, Inc.
Page 48

Penn State Health
Page 5

US Acute Care Solutions
Page 33

This advertiser index is provided for the reader's convenience and is not part of the advertising contract. While every attempt is made to provide accurate information, the publisher cannot be held responsible for errors or omissions.



Better prep. Better care.

Pass MyEMCert. Become a better physician.

PEERcert+ is designed specifically to help you succeed on MyEMCert™—and build knowledge to improve patient care.

- Questions tailored to each individual ABEM module
- New, updated, and thoroughly reviewed core content questions
- Board-style case series questions and Key Advances questions
- High-impact, colorful imagery enables better retention
- Create custom quizzes to strengthen weak areas

Sign up today at acep.org/peercertplus



Now Available

- Abdominopelvic
- Abnormal Vital Signs and Shock
- Head and Neck
- Neurology
- Nontraumatic Musculoskeletal
- Social and Behavioral Health
- Thoracorespiratory
- Trauma and Bleeding



ADVANCING EMERGENCY CARE 

Approved for AMA PRA Category 1 Credits™

AD_ANL_0722_MC1843_0622



Elevate Your Emergency Medicine Career with Envision

- Diverse practice settings in highly desirable hospitals and health systems
- Career development and leadership opportunities
- Physician- and clinician-led practices
- Flexible and equitable scheduling (FT, PT, per diem and ENVOY Ambassador Team)
- Competitive compensation and benefits
- Robust support for professional wellness

Connect With Us at ACEP22



Visit Us at Booth 712 Oct. 1-3

Register for your chance to win one of two \$250 Amazon gift cards.



Smoothies Available at Our Booth Oct. 1-2



Visit Us at the EMRA Job and Fellowship Fair Oct. 1, 5-7 p.m.



Register for the Envision Resident and Fellow Networking Reception Oct. 2, 5-8 p.m.

W San Francisco
181 3rd St
San Francisco, CA 94103



EVPS.com/ACEP22

 **Envision**
PHYSICIAN SERVICES