American Academy of Pediatrics

SECTION ON EMERGENCY MEDICINE

Scientific Abstract & Educational Program

Basic & Advanced Point-of-Care Ultrasound Workshops

Subcommittee-SIG Meetings

SEPTEMBER 15-18, 2017

CHICAGO, ILLINOIS
# AAP Section on Emergency Medicine

## SUBCOMMITTEE-SIG MEETING SCHEDULE

### September 2017

<table>
<thead>
<tr>
<th>DATE-TIME</th>
<th>GROUP</th>
<th>TENTATIVE LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri, Sept 15 (8am-9am)</td>
<td>National Pediatric Readiness Project SIG</td>
<td>McCormick Place West – W192 A</td>
</tr>
<tr>
<td>Fri, Sept 15 (9am-11am)</td>
<td>PEM North American Division Chiefs <em>(invite only)</em></td>
<td>McCormick Place West – W192 C</td>
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<tr>
<td>Fri, Sept 15 (11am-12pm)</td>
<td>Quality Transformation</td>
<td>McCormick Place West – W192 A</td>
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<tr>
<td>Fri, Sept 15 (11:30am-1:30 pm)</td>
<td>PEM Fellowship Directors <em>(invite only)</em></td>
<td>McCormick Place West – W476</td>
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<tr>
<td>Fri, Sept 15 (12:00pm-1:00pm)</td>
<td>Disaster Preparedness</td>
<td>McCormick Place West – W182</td>
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<tr>
<td>Fri, Sept 15 (12:30pm-1:30pm)</td>
<td>EMS</td>
<td>McCormick Place West – W192 A</td>
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<tr>
<td>Sat, Sept 16 (12:00pm-2pm)</td>
<td>Education</td>
<td>McCormick Place West – W192 C</td>
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<tr>
<td>Sat, Sept 16 (12:30pm-1:30pm)</td>
<td>Committee for the Future</td>
<td>TBD</td>
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<tr>
<td>Sat, Sept 16 (1:00pm-3:00pm)</td>
<td>PEM Collaborative Research Committee</td>
<td>McCormick Place West – W192 B</td>
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<tr>
<td>Sat, Sept 16 (4:00pm-5:30pm)</td>
<td>Urgent Care</td>
<td>McCormick Place West – W192 B</td>
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SECTION ON EMERGENCY MEDICINE PROGRAM & RECEPTION – DAY 1 (H0016)

9:00 AM – 12:00 PM

COMMITTEE FOR THE FUTURE PROGRAM
Moderator: Angela Lumba-Brown, MD, FAAP

Careers in Pediatric Emergency Medicine

9:00 AM – 10:30 AM
Finding My Career Path: Thoughts from Junior, Mid-level and Senior Faculty
A Panel Discussion
Brian Wagers, MD, FAAP
Mimi Lu, MD
Joseph Wright, MD, MPH, FAAP

10:30 AM – 12:00 PM
Finding My Career: Small Group Discussions
1) Advocacy (co-facilitators: Lenore Jarvis, Joseph Wright)
2) Urgent Care/Community PEM (co-facilitators: Brian Wagers, Jeff Schor)
3) Education (co-facilitators: In Kim, Javier Gonzalez Del Rey)
4) Research (co-facilitators: Todd Florin, Lise Nigrovic)
5) Pre-hospital Care/EMS (co-facilitators: Karen O’Connell, Toni Gross)
6) Administration (co-facilitators: Sandra Herr, Steve Krug)

You will have 25 mins in a small group of your choice and then rotate to another group of your choice. There will be three rotations.

12:00 – 1:00 PM

LUNCH

1:00 – 5:30 PM

SCIENTIFIC ABSTRACT PRESENTATIONS, POSTERS & AWARDS
Moderator: Prashant Mahajan, MD, MPH, MBA, FAAP

1:00 PM – 1:15 PM
KEN GRAFF RESEARCH AWARD 2017

1:15 PM – 1:30 PM
KEN GRAFF 2015 PROJECT REPORT
Development of a Decision Tool to Decrease Unnecessary Antibiotic Prescription Changes Due to Reported Penicillin Allergies
David E. Vyles, DO

1:30 PM – 3:15 PM

ABSTRACT SESSION I
Moderators: TBD

1:30 PM
1. Heather Kelker, MD
Variation in the Use of Mechanical Ventilation and Medications for Pediatric Status Asthmaticus

1:45 PM
2. Jennifer F. Anders, MD
Creating an Evidence-Based Pediatric Prehospital Destination Tool (PDTree): An Expert Panel Process Using a Modified-Delphi Method

2:00 PM
3. Elizabeth R. Alpern, MD, MSCE
Time to Positive Blood and Cerebrospinal Fluid Cultures in Febrile Infants ≤ 60 Days-old

2:15 PM
4. Michele Nypaver, MD
The Michigan Emergency Department Improvement Collaborative: A Novel Model for Implementing Large Scale Practice Change in Pediatric Emergency Care.

2:30 PM
5. Amanda Stewart, MD, MPH
Pediatric Emergency Department Visits for Homelessness After Shelter Eligibility Policy Change: An Interrupted Time Series Analysis
6. **Jennifer Thull-Freedman (QUALITY IMPROVEMENT)**  
   Improving the Pain Experience for Children with Limb Injury in the City of Calgary, Alberta: A Multi-Site Quality Improvement Collaborative

7. **Shilpa J. Patel, MD, MPH**  
   Geographic Regions with Stricter Gun Laws Have Fewer Emergency Department Visits for Pediatric Firearm-Related Injuries: A Five-Year National Study

**3:15 PM – 3:30 PM**  
**INTRO TO THE POSTERS (1 MIN PRESENTATIONS BY ALL POSTER PRESENTERS)**

**3:30 PM – 3:45 PM**  
**BREAK/VIEW POSTERS**

Erika O. Bernardo, MD  
Kidney Injury Detection and Prevention in Children (KIDPIC)

**Holly Depinet, MD, MPH (QUALITY IMPROVEMENT)**  
Pediatric Septic Shock Collaborative: Description of Early Improvement?

**Monika Goyal, MD, MSCE**  
Patient and Caregiver Attitudes Towards Comprehensive Behavioral Health Screening in the Emergency Department

**Lenore Jarvis, MD, Med (QUALITY IMPROVEMENT)**  
Domestic Safety Screening in a PED: QI Measures for Improved Screening

Amanda Jichlinski  
Rates of HIV and Syphilis Testing Among Adolescents Diagnosed with Pelvic Inflammatory Disease

**Seth W. Linakis, MD**  
Factors Associated with Interventions for Intra-Abdominal Injuries in Children after Motor Vehicle Crashes

**Tara L. Neubrand, MD (QUALITY IMPROVEMENT)**  
Rapid Sequence Intubation Standardization and Improvement Process in the Pediatric Emergency Department

**Shilpa J. Patel, MD, MPH**  
A Machine-Learning Approach to Predicting Need for Hospitalization for Pediatric Asthma Exacerbation at the Time of Emergency Department Triage

**Lauren C. Riney, DO**  
Geographical Variation in Pediatric Emergency Medical Services Utilization

**Alexandre T. Rotta, MD**  
A Nationwide Analysis of Emergency Department Utilization of Head CT in Children with Closed Head Injury

**Bashar Shihabuddin, MD**  
Clinical Findings Increase the Specificity of the FAST Exam: A Strategy to Guide Imaging in Blunt Pediatric Trauma

**Muhammad Waseem, MD, MS, FAAP, FACEP**  
High Proportion of False Negative Urinary Tract Infections Among Dilute Urine Samples

**Sheryl E. Yanger, MD, FAAP**  
Firearm Safety: A Survey on Practice Patterns, Knowledge and Opinions of Pediatric Emergency Medicine Providers

**Tania Ahluwalia, MD (QUALITY IMPROVEMENT)**  
Reducing Rapid Streptococcal Pharyngitis Testing in Patients Less than 3 Years Old
3:45 PM – 5:30 PM  
**ABSTRACT SESSION II**

*Moderators: TBD*

3:45 PM  
8. Kathleen M. Adelgais, MD, MPH  
A Randomized Double Blind Trial of a Needle-free Injection System to Topical Anesthesia for Infant Lumbar Puncture

4:00 PM  
9. Paul C. Mullan, MD, MPH (QUALITY IMPROVEMENT)  
A quality improvement project to decrease blood culture contaminants in a pediatric emergency department: an interrupted time series analysis

4:15 PM  
10. Jay Pershad, MD, MMM, FAAP  
Optimal Imaging Strategy for Suspected Acute Cranial Shunt Failure: A Cost-Effectiveness Analysis

4:30 PM  
11. Jianling Xie  
Relationship between Enteric Pathogen and Acute Gastroenteritis Disease Severity: A Prospective Cohort Study

4:45 PM  
12. Fran Balamuth, MD, PhD, MSCE  
Predictive Modeling for Organ Dysfunction in Children with Suspected Sepsis in the Emergency Department

5:00 PM  
13. David Piechota, MD  
Refinement of Appendix Ultrasound Interpretation to Limit Equivocal Results

5:15 PM  
14. Rohit P. Shenoi, MD  
The Pediatric Submersion Score Predicts Children at Low Risk for Injury Following Submersion

5:30 PM – 7:00 PM  
**SECTION ON EMERGENCY MEDICINE RECEPTION**

*Sponsored by EBSCO Health/PEMSoft*

**ABSTRACT AWARDS | EBSCO PEM TECHNOLOGICAL INNOVATIONS AWARD**

5:30 PM  
**A WORD FROM OUR SPONSOR:** Ronald Dieckmann, MD, MPH

5:45 PM  
**VIEWING OF POSTERS**

6:00 PM  
**SOEM 35-YEAR ANNIVERSARY VIDEO PRESENTATION**

6:20 PM  
**EBSCO-PEMSOFT AWARD FOR TECHNOLOGICAL INNOVATIONS IN PEDIATRIC EMERGENCY MEDICINE 2017 Awardee:** TBD

Presented by: TBD

6:30 PM  
**ABSTRACT AWARDS**
SECTION ON EMERGENCY MEDICINE PROGRAM – DAY 2 (H1025)
Moderator: Prashant Mahajan, MD, MPH, MBA, FAAP

8:00 AM – 9:00 AM  EmergiQuiz Presentations – Part I
Thuy Ngo, Do, MEd, FAAP

9:00 AM – 9:45 AM  State of the Section
Prashant Mahajan, MD, MPH, MBA, FAAP – Chair, SOEM Executive Committee

SUBCOMMITTEE-SIG CHAIR REPORTS
Committee for the Future (Angela Lumba-Brown, MD)
Disaster Preparedness (Deanna Dahl-Grove, MD)
Education (Deborah Hsu, MD, MEd)
Emergency Medical Services (Toni Gross, MD, MPH)
Fellowship Directors (In Kim, MD)
National Pediatric Readiness Project (Kate Remick, MD)
PEM Collaborative Research Committee (Lise Nigrovic, MD, MPH)
PEM North American Division Chiefs (Paul Sirbaugh, DO, MBA)
Quality Transformation (Paul Mullan, MD, MPH / Meg Wolff, MD)
Urgent Care (Jeff Schor, MD / Usha Sankrithi, MD)

9:45 AM – 10:00 AM  JIM SEIDEL DISTINGUISHED SERVICE AWARD
2017 Awardee: TBD
Presented by: TBD

10:00 AM – 10:15 AM  Michael Shannon Humanitarian Award
2017 Awardee: TBD
Presented by: TBD

10:15 AM – 10:30 AM  BREAK

10:30 AM – 11:30 AM  Justification for Building a QI Program in a Department and Spending Resources on QI in ED
Richard Ruddy, MD, FAAP

11:30 AM – 12:30 PM  PEMPix Photo Competition
Brad Sobolewski, MD, MEd, FAAP

12:30 PM – 1:30 PM  LUNCH

1:30 PM – 2:30 PM  EmeRgiQuiz Presentations – Part II
Thuy Ngo, Do, MEd, FAAP

2:30 PM – 2:50 PM  BREAK

2:50 PM – 3:00 PM  EmeRgiQuiz Award Presentations
Thuy Ngo, Do, MEd, FAAP

3:00 PM – 5:00 PM  Managing Bronchiolitis: The Guidelines vs. The Practice
Todd Florin, MD, MSCE, FAAP / Julia Fuzak Freeman, MD, FAAP
SECTION ON EMERGENCY MEDICINE MORNING PROGRAM – DAY 3 (H2025)

JOINT PROGRAM: SECTION ON EMERGENCY MEDICINE & SECTION ON TELEHEALTH CARE
Moderator: Pavon Zaveri, MD, MEd, FAAP

8:30 AM – 9:30 AM  HOW TO SET UP A TELEMEDICINE PROGRAM
Joshua Alexander, MD, FAAP

9:30 AM – 10:30 AM  THE EFFECTS OF DIRECT TO CONSUMER TELEMEDICINE ON PEDIATRIC EMERGENCY DEPARTMENTS
Mordechai Raskas, MD, EdM, FAAP

10:30 AM – 11:30 AM  THE USE OF TELEMEDICINE IN INTERFACILITY TRANSPORTS
Alison Curfman, MD, FAAP

11:30 AM – 1:00 PM  LUNCH

SECTION ON EMERGENCY MEDICINE AFTERNOON PROGRAM – DAY 3 (H2012)

PEDISONOFEST ULTRASOUND GAMES

1:00 PM – 3:00 PM  PEDISONOFEST
Stephanie Leung, MD, FAAP / Monisha Shah, MD, FAAP
## SECTION ON EMERGENCY MEDICINE PROGRAM – DAY 4 (C3016)

(REGISTRATION REQUIRED)

## JOINT PROGRAM: SECTION ON EMERGENCY MEDICINE & SECTION ON HOSPITAL MEDICINE

*Course Co-Directors: Fred Warkentine, MD, FAAP & Aaron Kornblith, MD*

## BASIC POINT-OF-CARE ULTRASOUND WORKSHOP: IMPROVING THE CARE OF CHILDREN

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<tr>
<th>Time</th>
<th>Session</th>
<th>Instructor(s)</th>
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<tr>
<td>8:00 AM – 8:15 AM</td>
<td><strong>WELCOME &amp; INTRODUCTION</strong></td>
<td>Fred Warkentine, MD, FAAP</td>
</tr>
<tr>
<td>8:15 AM – 8:30 AM</td>
<td><strong>PRINCIPLES OF ULTRASOUND: PHYSICS AND ARTIFACTS</strong></td>
<td>Joanna Cohen, MD</td>
</tr>
<tr>
<td>8:30 AM – 9:00 AM</td>
<td><strong>EVALUATION OF SKIN AND MUSCULOSKELETAL SYSTEM</strong></td>
<td>Aaron Kornblith, MD</td>
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<tr>
<td>9:00 AM – 9:30 AM</td>
<td><strong>INTEGRATING ULTRASOUND WITH ROUTINE AND CRITICAL PROCEDURES</strong></td>
<td>Keith P. Cross, MD</td>
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<tr>
<td>9:30 AM – 9:45 AM</td>
<td><strong>BREAK</strong></td>
<td></td>
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<tr>
<td>9:45 AM – 10:45 AM</td>
<td><strong>HANDS ON: SYSTEM BASICS, SKIN AND SOFT TISSUE, MUSCULOSKELETAL, PROCEDURES</strong></td>
<td>Hands-On Instructors</td>
</tr>
<tr>
<td>10:45 AM – 11:15 AM</td>
<td><strong>APPROACH TO THE TRAUMA PATIENT: E-FAST</strong></td>
<td>Lorraine Ng, MD, RDMS</td>
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<tr>
<td>11:15 AM – 11:45 AM</td>
<td><strong>APPROACH TO THE PATIENT WITH ABDOMINAL PAIN</strong></td>
<td>Adam Sivitz, MD, FAAP</td>
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<tr>
<td>11:45 AM – 1:15 PM</td>
<td><strong>LUNCH</strong></td>
<td></td>
</tr>
<tr>
<td>1:15 PM – 2:00 PM</td>
<td><strong>HANDS ON: E-FAST AND ABDOMINAL</strong></td>
<td>Hands-On Instructors</td>
</tr>
<tr>
<td>2:00 PM – 2:30 PM</td>
<td><strong>CARDIAC CASES FROM THE EMERGENCY DEPARTMENT</strong></td>
<td>Kiyetta, Alade, MD FAAP, RDMS</td>
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<tr>
<td>2:30 PM – 3:00 PM</td>
<td><strong>EVALUATION OF PATIENTS IN RESPIRATORY DISTRESS</strong></td>
<td>Dave Teng, MD</td>
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<tr>
<td>3:00 PM – 4:00 PM</td>
<td><strong>HANDS ON: CARDIAC AND THORACIC</strong></td>
<td>Hands-On Instructors</td>
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<tr>
<td>4:00 PM – 4:15 PM</td>
<td><strong>BREAK</strong></td>
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<tr>
<td>4:15 PM – 4:30 PM</td>
<td><strong>POINT-OF-CARE ULTRASOUND NOW AND THE FUTURE</strong></td>
<td>Erika Constantine, MD</td>
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<tr>
<td>4:30 PM – 5:30 PM</td>
<td><strong>ULTRASOUND GAMES</strong></td>
<td>Monisha Shah, MD FAAP and Stephanie Leung, MD, FAAP</td>
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**SECTION ON EMERGENCY MEDICINE PROGRAM – DAY 4 (C3015)**
**(REGISTRATION REQUIRED)**

**JOINT PROGRAM: SECTION ON EMERGENCY MEDICINE & SECTION ON CRITICAL CARE MEDICINE**

**Advanced Point-of-Care Ultrasound Workshop: US-Guided Resuscitation: Precision Care for the Critically Ill Child**

*Course Co-Directors:* Russ Horowitz, MD, RDMS & David Kessler, MD, FAAP

**Hands-on Instructors:**
- Advanced Echocardiography #1 - Jeff Burzynski, MD
- Vascular Access (central and peripheral) - Jen Marin, MD; Dave Kessler, MD
- IVC and Lung - Atim Uya, MD; Lei Chen, MD; Sasha Dubrovsky, MD
- Ultrasound Simulated Resuscitation - Amanda Green Toney, MD; Keith Cross, MD
- Advanced Echocardiography #2 - Daniel Park, MD

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<tr>
<th>Time</th>
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</table>
| 8:00 AM – 8:15 AM | Orientation to Assessment and Education Stations  
Russ Horowitz, MD |
| 8:15 AM – 9:00 AM | **Hands On Rotation #1**  
Hands-On Instructors |
| 9:00 AM – 9:45 AM | **Hands On Rotation #2**  
Hands-On Instructors |
| 9:45 AM – 10:45 AM | **Ultrasound in the Critically Ill Patient** - Atim Uya, MD  
Audience driven interactive case based discussion |
| 10:45 AM – 11:30 AM | **Hands On Rotation #3**  
Hands-On Instructors |
| 11:30 AM – 12:15 PM | **Hands On Rotation #4**  
Hands-On Instructors |
| 12:15 AM – 1:00 PM | **Hands On Rotation #5**  
Hands-On Instructors |
| 1:00 PM – 1:30 PM | **Feedback and Evaluation** |