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
McCORMICK PLACE WEST
CHICAGO, ILLINOIS
## AAP Section on Emergency Medicine

### SUBCOMMITTEE-SIG MEETING SCHEDULE

**September 2017**

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<thead>
<tr>
<th>DATE-TIME</th>
<th>GROUP</th>
<th>TENTATIVE LOCATION</th>
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</thead>
<tbody>
<tr>
<td>Fri, Sept 15 (8am-9am)</td>
<td>National Pediatric Readiness Project SIG</td>
<td>McCormick Place West – W192 A</td>
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<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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<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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<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>EMS</td>
<td>McCormick Place West – S102 D</td>
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<td>Sat, Sept 16 (12:30pm-1:30pm)</td>
<td>Committee for the Future</td>
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<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>
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9:00 AM – 12:00 PM

**COMMITTEE FOR THE FUTURE PROGRAM**

*Moderator: Angela Lumba-Brown, MD, FAAP & Javier Gonzalez del Rey, MD, MEd, 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 3 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 Awardee: NIDHI VAIDYA, MD, FAAP*

*Presented by: David Schnadower, MD, MPH, FAAP*

*Project Title: Sucralfate to Improve Oral Intake in Children with Infectious Oral Ulcers: A Randomized, Double-blind, Placebo-Controlled Trial*

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, FAAP*

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

2:45 PM  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

3:00 PM  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 Submersions

5:30 PM – 7:00 PM

**SECTION ON EMERGENCY MEDICINE RECEPTION**

*Sponsored by EBSCO Health/PEMSOFT*

5:30 PM
**VIEWING OF POSTERS**

6:15 PM
**PRESENTATION OF TOP 5 POSTERS**

6:30 PM
**EBSCO-PEMSOFT AWARD FOR TECHNOLOGICAL INNOVATIONS IN PEDIATRIC EMERGENCY MEDICINE**

*2017 Awardee: MARIA CARMEN G. DIAZ, MD, FAAP, FACEP*

*Presented by: John Loiselle, MD, FAAP*

6:45 PM
**ABSTRACT AWARDS:**

- **BEST OVERALL ABSTRACT**
- **BEST QUALITY IMPROVEMENT ABSTRACT**
- **BEST POSTER**
- **WILLIS WINGERT AWARD FOR OUTSTANDING RESIDENT-FELLOW PAPER**
SECTION ON EMERGENCY MEDICINE PROGRAM – DAY 2 (H1025) – ROOM S101

Moderator: Prashant Mahajan, MD, MPH, MBA, FAAP

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<tr>
<th>Time</th>
<th>Event</th>
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| 8:00 AM – 9:00 AM | **EMERGIQUIZ PRESENTATIONS – PART I**  
                      Thuy Ngo, Do, MEd, FAAP  
                      Case 1: “Can’t Poop, Can’t Pee...What’s Wrong with Me”  
                      Case 2: “More than Just Teenage Angst” |
| 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:** KATHY N. SHAW, MD, MSCE, FAAP  
                      Presented by: Elizabeth Alpern, MD, FAAP (to be confirmed) |
| 10:00 AM – 10:15 AM | **MICHAEL SHANNON HUMANITARIAN AWARD**  
                      **2017 Awardee:** CHARLES J. SCHUBERT, MD, FAAP  
                      Presented by: Richard Ruddy, MD, FAAP (to be confirmed) |
| 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 (Audience Response)**  
                      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  
                      Case 3: “Two-Year Old with Emesis and Abdominal Pain”  
                      Case 4: “Hindsight is 20/20” |
| 2:30 PM – 2:50 PM | **BREAK** |
| 2:50 PM – 3:00 PM | **EMERGIQUIZ AWARD PRESENTATIONS (Audience Response)**  
                      Thuy Ngo, DO, MEd, FAAP |
| 3:00 PM– 5:00 PM | **MANAGING BRONCHIOLITIS: THE GUIDELINES VS. THE PRACTICE (Audience Response)**  
                      Todd Florin, MD, MSCE, FAAP / Julia Fuzak Freeman, MD, FAAP |
SECTION ON EMERGENCY MEDICINE MORNING PROGRAM – DAY 3 (H2025) – ROOM S101

JOINT PROGRAM: SECTION ON EMERGENCY MEDICINE & SECTION ON TELEHEALTH CARE
Moderator: Pavan 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) – ROOM S102 A-C

PEDISONOFEST ULTRASOUND GAMES

1:00 PM – 3:00 PM  **PEDIsonoFest**  
Stephanie Leung, MD, FAAP / Monisha Shah
SECTION ON EMERGENCY MEDICINE PROGRAM – DAY 4 (C3016) – ROOM S102 A-C (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

8:00 AM – 8:15 AM  **WELCOME & INTRODUCTION**  
Fred Warkentine, MD, FAAP

8:15 AM – 8:30 AM  **PRINCIPLES OF ULTRASOUND: PHYSICS AND ARTIFACTS**  
Joanna Cohen, MD

8:30 AM – 9:00 AM  **EVALUATION OF SKIN AND MUSCULOSKELETAL SYSTEM**  
Aaron Kornblith, MD

9:00 AM – 9:30 AM  **INTEGRATING ULTRASOUND WITH ROUTINE AND CRITICAL PROCEDURES**  
Keith P. Cross, MD, FAAP

9:30 AM – 9:45 AM  **BREAK**

9:45 AM – 10:45 AM  **HANDS ON: SYSTEM BASICS, SKIN AND SOFT TISSUE, MUSCULOSKELETAL, PROCEDURES**  
Hands-On Instructors

10:45 AM – 11:15 AM  **APPROACH TO THE TRAUMA PATIENT: E-FAST**  
Lorraine Ng, MD, RDMS

11:15 AM – 11:45 AM  **APPROACH TO THE PATIENT WITH ABDOMINAL PAIN**  
Adam Sivitz, MD, FAAP

11:45 AM – 1:15 PM  **LUNCH**

1:15 PM – 2:00 PM  **HANDS ON: E-FAST AND ABDOMINAL**  
Hands-On Instructors

2:00 PM – 2:30 PM  **CARDIAC CASES FROM THE EMERGENCY DEPARTMENT**  
Kiyetta, Alade, MD, RDMS, FAAP

2:30 PM – 3:00 PM  **EVALUATION OF PATIENTS IN RESPIRATORY DISTRESS**  
Dave Teng, MD

3:00 PM – 4:00 PM  **HANDS ON: CARDIAC AND THORACIC**  
Hands-On Instructors

4:00 PM – 4:15 PM  **BREAK**

4:15 PM – 4:30 PM  **POINT-OF-CARE ULTRASOUND NOW AND THE FUTURE**  
Erika Constantine, MD

4:30 PM – 5:30 PM  **ULTRASOUND GAMES**  
Monisha Shah, MD and Stephanie Leung, MD, FAAP
Monday, September 18, 2017
8:00 AM – 1:30 PM

SECTION ON EMERGENCY MEDICINE PROGRAM – DAY 4 (C3015) – ROOM S101
(REGISTRATION REQUIRED)

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

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

8:00 AM – 8:15 AM ORIENTATION TO ASSESSMENT AND EDUCATION STATIONS
Russ Horowitz, MD, RDMS

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 PM – 1:00 PM HANDS ON ROTATION #5
Hands-On Instructors

1:00 PM – 1:30 PM FEEDBACK AND EVALUATION