2014 ESPR ANNUAL MEETING

PROGRAM GUIDE

Philadelphia, PA ~ March 21-23

Jointly Sponsored By: The Center for Continuing Education, Tulane University Health Sciences Center
Chairperson, Planning Committee
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Connecticut Children’s Medical Center
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Sharon R. Smith, MD

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Councilors
Kate G. Ackerman, MD  2010-2014
Joseph Bliss, MD        2011-2015
Vasanth Kumar, MD      2011-2015
Jeffrey S. Shenberger, MD  2012-2016
Murli Purswani, MBChB, FAAP  2012-2016
Zubair Aghai, MD        2014-2017
Heather Brumberg, MD, MPH  2014-2017
Mark Cicero, MD         2014-2017
Steven Rogers, MD       2014-2017

Past Presidents
2008-2011  Lawrence M. Nogee, MD
2005-2008  Bruce D. Gelb, MD
2002–2005  Luc P. Brion, MD
1999–2002  Mitchell J. Kresch, MD
1996–1999  Ira H. Gewolb, MD
1993–1996  Alan R. Fleischman, MD
1991–1993  Marc Yudkoff, MD
1989–1991  Joseph B. Warshaw, MD
1988–1989  Laurence Finberg, MD
Dear Colleagues,

Welcome to the 26th Annual Meeting of the Eastern Society for Pediatric Research (ESPR) and to our host city of Philadelphia, the Cradle of Liberty!

The Eastern Society for Pediatric Research Council and Planning Committee are confident that you will enjoy our exciting program. Highlights include State-of-the-Art Plenary Talks and the highly popular Fellow’s Clinical Case Presentation Competition. High-quality original research is presented in subspecialty platform sessions with leading clinical and scientific authorities moderating the presentations and in four poster sessions.

The goals of the Eastern SPR Annual Meeting are to create a forum where: i) young investigators can present their research in a structured yet relaxed atmosphere, ii) regional clinicians can be exposed to cutting edge clinical and basic science, iii) timely educational programs addressing important topics in Pediatrics are presented and iv) trainees are able to interact with senior investigators and clinicians in an informal setting.

The continued success of our previous meetings has enabled an entirely web-based system for membership, registration and payments, in making timely announcements, in enhanced room booking services, and for the improvement in the overall ease of running the meeting. In addition, we again have centralized informatics enabling presenters to load their slide-show in advance at a speaker-ready station.

ACKNOWLEDGEMENTS: The organization of this meeting would not have been possible without the help of the administrative offices of the American Pediatric Society (APS) and the Society for Pediatric Research (SPR). We are especially grateful to: Debbie Anagnostelis (Executive Director), Belinda Thomas, Jesse Osman and Lisa Thompson. We also recognize the energetic efforts of the Eastern SPR Planning Committee and Council Members for their guidance and vision in selecting this new venue and the efforts of Tulane University in New Orleans as our 2014 sponsor for the CME program.

In addition, we thank various members of the regional pediatric community for reviewing the submitted abstracts and for moderating our platform sessions. Lastly, our corporate and leading academic sponsors were instrumental in making this meeting possible.

Most of all, we want to thank you for attending and for contributing your wisdom and experience in the pursuit of excellence. We hope that you enjoy and profit from the meeting, and look forward to your continued participation in future meetings!

Vineet Bhandari, MD, DM
President

Michael Posencheg, MD
Secretary

Sharon Smith, MD
Chair, Planning Committee
RECOGNITION OF NEW MEMBERS

The Council of the Eastern Society for Pediatric Research would like to recognize the following new members who have joined the society within the last year.

Membership in the Society reflects not only peer recognition of research achievements in pediatrics, but continuing commitment to pediatric research and fostering the career development the next generation of pediatric researchers. The Council and Society members welcome active participation in the organization. Like our parent organization, the Eastern SPR seeks to promote the generation of new knowledge, the professional growth of the current and next generation of academic pediatricians, and the translation of research discoveries into treatments that will benefit children worldwide. We believe that membership and active participation in the Eastern Society for Pediatric Research can meaningfully contribute to professional success as an academic pediatrician.

To celebrate this achievement, new members will be recognized at the Opening Reception on Friday, March 21, 2014. Once again, congratulations and welcome to the Eastern Society for Pediatric Research.

Judy Aschner, M.D., The Children's Hospital at Montefiore
Mark Cicero, M.D., Yale University School of Medicine
Aracelis Fernandez, M.D., Montefiore Medical Center
Melissa Langhan, M.D., Yale University School of Medicine
Beatrice Lechner, M.D., Women & Infants Hospital of Rhode Island
Jayashree Ramasethu, M.D., MedStar Georgetown University Hospital
Sara Slovin, M.D., Nemours/A.I. duPont Hospital for Children
Adam Spanier, M.D., Penn State College of Medicine
Gunjan Tiyyagura, M.D., Yale University School of Medicine

Abstracts can be viewed at:
Friday: https://www.aps-spr.org/ESPR/abstracts/friday.pdf
Saturday: https://www.aps-spr.org/ESPR/abstracts/saturday.pdf
Sunday: https://www.aps-spr.org/ESPR/abstracts/sunday.pdf

AAP CREDITS
This continuing medical education activity has been reviewed by the American Academy of Pediatrics and is acceptable for a maximum of 11.25 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.

Process for Attendees to Receive AAP Credit:
AAP Credit for attendees is recorded only when an attendee submits a copy of his/her certificate of attendance (pick up at the registration desk), with AAP ID number, to the American Academy of Pediatrics. The address to mail the certificate is:
American Academy of Pediatrics, Attn: Transcript Coordinator
141 Northwest Point Blvd., Elk Grove, IL 60007-1098
Fax: 847-434-8387
Thank you for your interest in covering pediatric topics offered at the annual meeting of the Eastern Society for Pediatric Research (ESPR). The annual meeting is a private meeting of the ESPR. The granting of media credentials for the meeting is at the sole discretion of the ESPR program committee.

Please note the following ESPR Press guidelines and media credentialing policies for the meeting.

**Press Badges**
Only individuals who are working for and representing a recognized news organization may register as press. To receive a press badge, working journalists must provide identification such as a business card, letter of assignment and published samples of bylined work, preferably stories relating to pediatric health. All freelance journalists must provide a letter of assignment on company letterhead from an editor of a recognized news organization certifying you are covering the ESPR annual meeting for the organization. Press badges are available only to working journalists who can show evidence that their attendance will result in coverage of the ESPR meeting. You may register at the ESPR Registration Desk at the Doubletree Hilton Philadelphia beginning Friday, March 21 at 4:00 pm.

Based on space requirements, ESPR retains the right to limit the number of press badges issued to a single media organization. ESPR does not issue press badges to: publishers or a publication’s advertising, marketing, public relations or sales representatives; publishers, editors or reporters from manufacturers’ house organs or promotional publications; public relations staff of exhibitors or educational institutions; or other individuals or their representatives who are not actually reporting on the meeting. Any Press badge holder who sells, markets or represents a company or organization for the purpose of obtaining advertising or subscriptions from any meeting registrant or exhibitor immediately forfeits press credentials.

A press badge allows media to attend all ESPR sessions being held during the dates of March 21 – 23, 2014. It must be worn at all times and obtained before attending and session. A press badge is not to be shared.

Registration fees for working press are waived. ESPR considers working press to be editorial staff of newspapers or magazines, medical or health care publications and broadcast or Web-based media.

**Photography and Video**
Television crews, documentary film crews, video crews and photographers covering the meeting are required to check in immediately at the ESPR Registration Desk each day, and must be accompanied at all times by a ESPR Officer or staff member when shooting inside the hotel. Shooting schedules and on-camera interview requests must be provided in writing in advance to ensure staff availability. As a courtesy to presenters, television and video crews, photographers, and radio reporters must obtain permission from the speaker and moderator before recording or filming an interview. Media may not photograph or videotape an exhibit booth or other display without the permission of the exhibitor and ESPR. This includes use of camera phones, personal digital cameras and other handheld devices.

**Scientific Papers**
In order to help maintain their eligibility for peer-reviewed journal publication, some researchers may not want to make themselves available for media interviews. Journalists who want to use slides, graphs and other visuals to illustrate coverage must have the presenter’s permission.

ESPR appreciates your interest in child health issues. We hope that you have an instructive and enjoyable time at our meeting and encourage you to join us at future meetings. Please let us know if we can help you in any way.
Meeting Services & CME Accreditation

Registration and CME Desk Hours
Registration will be held on the 3rd floor. Registration hours are as follows:
- Friday, March 21: 4:00pm – 7:30pm
- Saturday, March 22: 6:00am – 7:30pm
- Sunday, March 23: 6:30am – 12:00pm

Abstract Publication
All abstracts being presented at the 2014 Eastern SPR Annual Meeting are viewable on the ESPR homepage.

Audio/Visual Information
All oral presentations must be made using PowerPoint. Computers and LCD projectors will be provided. Presenters that have submitted their presentations in advance, are still required to check in at Speaker Ready.

Speaker Ready (Chamber Board Room-4th floor)
Presentations will be loaded onto a central computer prior to the session in which the presentation is to be made (i.e., Friday evening for Saturday morning presentations, Saturday morning for Saturday afternoon presentations, and Saturday afternoon for Sunday morning presentations). Please also bring your CD-ROM, ZIP drive or flash memory.

The speaker ready room hours are as follows:
- Friday, March 21: 4:00pm – 7:30pm
- Saturday, March 22: 7:00am – 7:30am
- Sunday, March 23: 7:30am – 12:00pm

Statement Of Need
Research and technology are changing rapidly in medicine and it is important for physicians and healthcare professionals to critically evaluate the emerging developments. Physicians and healthcare professionals in pediatrics need to increase their competence in discerning which of the emerging research and technologies are applicable to their patients and the population they serve. Discussions and debates on these emerging data stimulate the development of new guidelines, appropriateness criteria and evidence-based changes in medical practice.

The ESPR annual meeting provides a forum for young investigators to share their translational and clinical research with mentors and senior investigators. This gives the junior investigators important feedback on their research and development of presentation and research skills. The young investigator is encouraged to use this educational format to present their research and to increase their competence in this area.

The senior investigators benefit from this educational format by engaging in discussions on how to translate the research into practice, debates on how the new information supports or discredits the previously held views, and opportunities to improve the presentation before presenting on a national stage, and fosters mentoring from senior investigators.

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Learning Objectives:
- At the conclusion of this activity, participants should be better able to:
  - Critically evaluate if the emerging translational and clinical research.
  - Discuss new developments in pathophysiology of human disease with colleagues.
  - Identify new areas of investigation which will inform research and improve patient care.
  - Develop optimal strategies for clinical investigation and transmission of clinical research results.
  - Develop relationships with mentors and peers to address the barriers which interfere with research development.

Predicted Outcomes
- Predicted Changes in Practice as a result of participating in this activity include:
  - Determine whether appropriate changes need to be recommended in patient protocols as indicated in the emerging research data.
  - Implement new tools for teaching, research and medical practice.
  - Apply appropriate evidence based recommendations in my research, teaching and/or medical practice.
  - Present research in a national format.
  - Establish collaborations to expand or address barriers which are identified.

Accreditation:
This activity has been planned and implemented in accordance with the Essentials Area and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Tulane University Health Sciences Center and the Eastern Society for Pediatric Research. Tulane University Health Sciences Center is accredited by the Accreditation Council for Continuing Medical Education (ACME) to provide continuing medical education for physicians.

Designation
Tulane University Health Sciences Center designates this live activity for a maximum of 11 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Tulane University Health Sciences Center presents this activity for educational purposes only and does not endorse any product, content of presentation or exhibit. Participants are expected to use their own expertise and judgment while engaged in the practice of medicine. The content of the presentations is provided solely by presenters, who have been selected because of their recognized expertise.

Tulane Disclosure Policy
It is the policy of the Center for Continuing Education at Tulane University Health Sciences Center to plan and implement all of its educational activities in accordance with the ACCME’s Essential Areas and Policies to ensure balance, independence, objectivity and scientific rigor. In accordance with the ACCME’s Standards for Commercial Support, all individuals in a position to control the content of an educational activity are required to disclose all relevant financial relationships with any commercial interests within the past 12 months that create a real or apparent conflict of interest. Individuals who do not disclose are disqualified from participating in a CME activity. Individuals with potential for influence or control of CME content include planners and planning committee members, authors, teachers, educational activity directors, educational partners, and others who participate, e.g., facilitators and moderators. This disclosure pertains to relationships with pharmaceutical companies, biomedical device manufacturers or other corporations whose products or services are related to the subject matter of the presentation topic. Any real or apparent conflicts of interest related to the content of the presentations must be disclosed prior to the educational activity. Disclosure of off-label, experimental or investigational use of drugs or devices must also be made known to the audience.

How To Obtain Your AMA PRA Category 1 Credits™
Tulane and the Eastern Society for Pediatric Research are now using a secure electronic format for evaluation and credit verification. The evaluation remains anonymous but the link does allow you to give us your contact information which will be incorporated into the Certificate of Credit.

At the conclusion of the conference on Sunday, you will be sent a link to an electronic evaluation and credit verification form from Tulane.edu. If you do not receive this in your inbox on Sunday afternoon, check your spam/junk mailbox. You can contact cme@tulane.edu if you did not receive it and Tulane will send you another link for claiming your credits.

You will receive your certificate of credit by Thursday, May 1, 2014. If you do not receive it by then, please notify Tulane University at cme@tulane.edu.

Faculty
- Kabir Abubakar, MD
  - Georgetown University Hospital
  - Washington, DC
- Andrew Bauer, MD
  - The Children’s Hospital of Philadelphia
  - Philadelphia, PA
- Andrew Blaufox, MD
  - The Alexandria and Steven Cohen Children’s Medical Center of New York
  - New Hyde Park, NY
- Mitchell Cairo, MD
  - New York Medical College
  - Hawthorne, NY
- Deborah Campbell, MD
  - Children’s Hospital at Montefiore - Albert Einstein College of Medicine
  - Bronx, NY
- Alvin Chin, MD
  - The Children’s Hospital of Philadelphia
  - Philadelphia, PA
- Robyn Cohen, MD, MPH
  - Boston University School of Medicine
  - Boston, MA
- Susan Coupey, MD
  - Albert Einstein College of Medicine and Children’s Hospital at Montefiore
  - Bronx, NY
- Aracelis Fernandez, MD
  - Montefiore Medical Center
  - Bronx, NY
- Andy Glaz, MD, MSCE
  - Children’s Hospital of Philadelphia and Perelman School of Medicine at the University of Pennsylvania
  - Philadelphia, PA
- Robert Green, MD
  - Mount Sinai School of Medicine
  - New York, NY
- Victor Herson, MD
  - Connecticut Children’s Medical Center
  - Hartford, CT
- Naveed Hussain, MD
  - University of Rochester School of Medicine
  - Farmington, CT
- Sudha Kessler, MD
  - Children’s Hospital of Philadelphia
  - Philadelphia, PA
- Melissa Langhan, MD
  - Yale University School of Medicine
  - New Haven, CT
- Ruth Milaniak, DO
  - The Alexandra and Steven Cohen Children’s Medical Center of New York
  - New Hyde Park, NY
- Robert Rapaport, MD
  - Mount Sinai School of Medicine
  - New York, NY
- Laura Scheiner, MD
  - Connecticut Children’s Medical Center
  - Hartford, CT
- David Schutzman, MD
  - Einstein Medical Center Philadelphia
  - Philadelphia, PA
- Rachana Singh, MD, MS
  - Baystate Children’s Hospital
  - Springfield, MA
- Hilda Silvka, MD
  - Connecticut Children’s Medical Center
  - Hartford, CT
- Adam Spanier, MD, PhD, MPH
  - Penn State Hershey Medical Center
  - Hershey, PA
- Jesse Sturm, MD, MPH
  - Connecticut Children’s Medical Center
  - Hartford, CT
- Madara Tyan, MD, MBA
  - Connecticut Children’s Medical Center
  - Hartford, CT
- Alfin Vicencio, MD
  - Mount Sinai Medical Center
  - New Hyde Park, NY
- Angela Whayne, MD
  - Children’s National Medical Center
  - Washington, DC
### Eastern SPR Schedule-at-a Glance

**Friday, March 21**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>6:00pm–7:30pm</td>
<td>Poster Session I</td>
<td>Symphony Ballroom - 3rd Floor</td>
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<td>Opening Reception</td>
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<td>— Symphony Ballroom - 3rd Floor —</td>
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**Saturday, March 22**

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<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00am–8:00am</td>
<td>Continental Breakfast</td>
<td>Symphony Ballroom - 3rd Floor</td>
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<td>— Symphony Ballroom - 3rd Floor —</td>
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<tr>
<td></td>
<td>Poster Session II</td>
<td>Symphony Ballroom - 3rd Floor</td>
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<th>Time</th>
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<tr>
<td>8:00am–9:30am</td>
<td>Neonatal: Hypoxic Brain Injury</td>
<td>Overture - 3rd Floor</td>
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<td>— Overture - 3rd Floor —</td>
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<td></td>
<td>Neonatal: GI and Feeding</td>
<td>Concerto A/B - 3rd Floor</td>
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<td>— Concerto A/B - 3rd Floor —</td>
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<td>Neonatology: Neurology and Development</td>
<td>Aria A - 3rd Floor</td>
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<td></td>
<td>Endocrinology I</td>
<td>Rhapsody - 4th Floor</td>
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<td></td>
<td>Behavioral and Development Pediatrics</td>
<td>Minuet - 4th Floor</td>
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<td>General Pediatrics: Cardiology</td>
<td>Maestro B - 4th Floor</td>
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<td>— Maestro B - 4th Floor —</td>
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<tr>
<td></td>
<td>Emergency Medicine I</td>
<td>Maestro A - 4th Floor</td>
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<td>— Maestro A - 4th Floor —</td>
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<tr>
<td>9:30am–9:45am</td>
<td>Coffee Break</td>
<td>Symphony Ballroom - 3rd Floor</td>
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<td>— Symphony Ballroom - 3rd Floor —</td>
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<td>9:45am–11:15am</td>
<td>Neonatology: Cardiology I</td>
<td>Concerto A/B - 3rd Floor</td>
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<td>Endocrinology II</td>
<td>Rhapsody - 4th Floor</td>
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<td>Pulmonary</td>
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<td>Infectious Diseases</td>
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<td>Critical Care</td>
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<td>Hospitalist Medicine</td>
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<tr>
<td></td>
<td>Neonatal: Hypoxic Brain Injury II</td>
<td>Overture - 3rd Floor</td>
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<tr>
<td>11:30am–12:30pm</td>
<td>Plenary Session I</td>
<td>Symphony Ballroom - 3rd Floor</td>
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**Sunday, March 23**

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<tr>
<td>7:30am–9:00am</td>
<td>Continental Breakfast</td>
<td>Symphony Ballroom - 3rd Floor</td>
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<td>— Symphony Ballroom - 3rd Floor —</td>
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<tr>
<td></td>
<td>Poster Session IV</td>
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<tbody>
<tr>
<td>9:00am–10:15am</td>
<td>Plenary Session III</td>
<td>Symphony Ballroom - 3rd Floor</td>
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### 1:45pm–2:30pm

- **Plenary Session II**
  - **MENTOR OF THE YEAR**
  - **James Padbury, MD**
    - Overture - 3rd Floor —

### 4:30pm–6:00pm

- **Neonatal: ID and Immunology**
  - Overture - 3rd Floor —
- **Neonatal: Pulmonary Animal Models**
  - Concerto A/B - 3rd Floor —
- **Cardiac and Pulmonary Development**
  - Aria A - 3rd Floor —
- **Neurology**
  - Minuet - 4th Floor —
- **Neonatology: Cardiology II**
  - Rhapsody - 4th Floor —
- **Health Services and Global Pediatrics**
  - Maestro A - 4th Floor —
- **General Pediatrics: Adolescent Medicine**
  - Maestro B - 4th Floor —

### 6:00pm–7:30pm

- **Poster Session III & Reception**
  - Symphony Ballroom - 3rd Floor —

### 10:30am–12:30pm

- **Neonatology: General**
  - Overture - 3rd Floor —
- **Neonatology: Pulmonary Animal Studies**
  - Concerto A/B - 3rd Floor —
- **General Pediatrics: Obesity**
  - Minuet - 4th Floor —
- **Hematology and Oncology**
  - Aria A - 3rd Floor —
- **Child Abuse and Neglect**
  - Maestro B - 4th Floor —
- **Underserved Populations**
  - Rhapsody - 4th Floor —
- **Emergency Medicine II**
  - Maestro A - 4th Floor —
- **Fellows’ Clinical Case Presentation Competition**
  - Concerto A/B - 3rd Floor —
- **Eastern SPR Business Meeting**
  - Rhapsody - 4th Floor —
Friday, March 21, 2014
Poster Session I
Quality improvement ~ Emergency Medicine ~ Medical Education ~ Neonatology

6:00pm–7:30pm  Symphony Ballroom

1 Abstract Withdrawn  – Abstract 1
2 Project Breathe: A Multidisciplinary Approach To Asthma
   Jyotsna Bhattacharya, Nancy Palumbo, Anne Little, Claudia Guglielmo.
   – Abstract 2
3 Palivizumab Prophylaxis and Asthma Outcomes in Preterm Infants: A Retrospective Analysis of an Urban Outpatient Clinic Population
   Katelyn M. Seither, Gary A. Emmett.
   – Abstract 3
4 Stress Levels and Satisfaction Rates Among Caregivers in an Integrated Multispecialty Follow Up Clinic of NICU Graduates
   Folake Adekunle, Renee Turchi, Bruce Bernstein, Joyce Eugene, Ros-chanak Mossabeh, Lee Pachter.
   – Abstract 4
5 Abstract Withdrawn  – Abstract 5
6 Embedding Patient Simulation in a Pediatric Cardiology Rotation: A Unique Opportunity for Improving Resident Education
   Shaun Mohan, Christopher W. Follansbee, Ugonna Nwankwo, Dena Hofkosh, Frederick S. Sherman, Melinda F. Hamilton.
   – Abstract 6
7 Evaluation of Circumcision Complications
   Joseph A. Newell.
   – Abstract 7
8 Resident-Directed QI Methods Improve Antibiotic Stewardship Related To Common Infections in the Outpatient Setting
   Laura Perretta, Evelyn Berger-Jenkins, Mariellen Lane.
   – Abstract 8
9 Provider Concerns and Unmeet Needs of Hospitalized Adults in Children’s Hospitals
   Adam S. Greenberg, Sophia Jan.
   – Abstract 9
10 Willingness To Use an AED During SCA in Community Youth Sports: Simple Education Removes Barriers
    Andrew J. Greubel, Janet Lioy, Scott A. Lorch.
    – Abstract 10
11 Written vs. Verbal Screening for Intimate Partner Violence (IPV): Provider’s Preference and Practice
    Cynthia DeLago, Malgorzata Skarzynska, Matilde Irigoyen.
    – Abstract 11
12 Gastroenterology Access Clinic Can Reduce Health Care Charges
    Matthew D. Di Guglielmo, Li Xie, Iman Sharif, Jay Greenspan.
    – Abstract 12
13 Transition-of-Care Communication for Pediatric Hospitalized Patients: Assessment after Intervention With Increased Administrative Support
    – Abstract 13
14 Abstract Withdrawn  – Abstract 14
15 Physical Exam and Historical Patient Factors Associated With Diagnosis of Pneumonia
   Henry Chicaiza, Paul Wilkens, James Nevin, Renee Silvis, Sturm Jesse, Sharon Smith.
   – Abstract 15
16 Sonographic Assessment of Spinal Fluid for Infant Lumbar Puncture
   Yaffa M. Vitberg, Peggy Tseng, David O. Kessler.
   – Abstract 16
17 On Shaky Ground: A Tabletop Simulation for Earthquake Trauma
   Rachel E. Whitney, Kathy Lehman-Huskamp, Gitanjali Arora, Rita V. Burke, Dan B. Park, Mark X. Cicero.
   – Abstract 17
18 Pediatric Referrals To the Emergency Department from Urgent Care Centers
   Robert D. Wilkinson, Jennifer Dunning, Brendan J. Dougherty, Robert P. Olympia.
   – Abstract 18
19 Applying a Pediatric Early Warning Score in the Pediatric Emergency Department To Aid in Detecting Early Warning Signs of Deterioration and Ensuring Proper Disposition
   – Abstract 19
20 Determining Which Children Need ECGs in the Emergency Department
   Shav D. Gandhi, Danielle Federico, Renee Silvis, Jill Popp, Harris Leopold, Sharon R. Smith.
   – Abstract 20
21 Feasibility of Implementing a Pediatric Asthma Pathway in a Community Hospital
   Naomi T. Hughes, Theresa Walls, James M. Chamberlain, Kathleen Brown.
   – Abstract 21
22 Pediatric ED Staff Perceptions of an EMR Implementation and the EMR Role in Patient Safety
   Jeremy Killion, Anita Pillai, Brian Wrotniak.
   – Abstract 22
23 Implementation of a Post-Resuscitation Debriefing Program in a Pediatric Emergency Department
   – Abstract 23
24 Treating Children at Urgent Care Centers: A Qualitative Study To Determine How Providers Triage Pediatric Patients
   Therese Canares, Linda Brown, Rebecca Slotkin, Aris Garro.
   – Abstract 24
25 How Pediatric Residents Ask about Intimate Partner Violence: A Mixed-Methods Analysis
   Mario Cruz, Aviva Joffe, Ashleigh Hall, Leora Mogilner, Daniel Walmansley, Bruce A. Bernstein.
   – Abstract 25
Vaccination Attitudes and Education in Naturopathic Medicine Students
Ather Ali, Carlo Calabrese, Robert Lee, Daniel Salmon, Heather Zwieckey.

The QIKAT-C: Validation of a New Tool To Assess Pediatric Trainees’ QI Skills and Knowledge
Stephanie K. Douppnik, Sonja I. Zinjiel, James M. Moses.

Longitudinal, Unit-Based Quality Improvement Curriculum for Residents: Improving Project Sustainability

Moderating the Effect of CPOE on Medical Error Risk in a Level IV NICU
Vinay Sharma, Anne Marie Reynolds.

Graduates from Combined Internal Medicine and Pediatrics Residency Training Programs Perform Better Than Graduates from Internal Medicine Training Programs in Passing Internal Medicine Board Examinations
Amanda Cai.

Analysis of Individualized Learning Plans in a Sub-Intern Outpatient Pediatric Rotation
Courtney Nelson, Dustin Flannery, Alisa LoSasso, Judy Larkin, Vanessa Carlo, Mary Sammon, Daniel Walmsley.

Using Low Cost Models for Training First Year Pediatric Residents on Four ACGME Required Procedures: A Pilot Study
Tara M. Petroski, Lynn Lawrence, Brian H. Wrotniak.

Abstract Withdrawn

Implementation of a Simulation Curriculum To Improve Pediatric Resident Confidence With Procedural Skills
Jessica A. Bennett, Jason A. Clayton.

Use of Evidence-Based Protocol by Medical Providers in a Pediatric ER for Constipation

Implementing a Standardized Feeding Protocol for Very Low Birth Weight Infants
Sandeep Sadashiv, Emily Hiriak, Colleen Tsarnas, Robyn Daley, Ursula Nawab.

High Flow Nasal Cannula Versus Continuous Positive Airway Pressure in Non-Ventilated Preterm Infants
Dalal Taha, Michael Kornhauser, Jay S. Greenspan, Zubair H. Ashai.

Rocuronium Bromide Use for Elective Intubation
Harriet Banda, Janine Bullard, Pamela Donohue, Susan Auscott, Brian Faix.

Neurocognitive Outcomes of Former Nicu Patients Following Assisted Reproduction: A Case Control Study
Semsa Gogcu, Jordan S. Kase.

Efficacy of Treatment of PDA With COX-2 Inhibitors beyond 2 Weeks of Age in VLBW Infants
S. Lainwala, N. Hussain.

Term-Equivalent Magnetic Resonance Imaging (TE-MRI) Findings in Extremely Low Birth Weight (ELBW) Infants With and Without Cranial Ultrasound (CUS) Abnormalities

Preeclampsia (PEC), Growth Restriction (GR) and Moderate Hypothermia (HYPO) Are Independent Perinatal Predictors of Increased Length of Stay (LOS) in Preterm Infants < 30 Weeks Gestational Age (GA)
Catherine L. Chang, Bella Z. Fridman, Jeffrey M. Perlman.

Need Validated Study Outcome Measures for Docosahexanoic and Arachidonic Acids (DHA & ARA) Supplemented Infant Formula Trials: Call To Tackle Non-Validated Endpoint Issues
H. Sun, P. Como, P.B. Smith, W.J. Rodriguez, M.D. Murphy.

Infant-Driven Cue Based Feeding (IDF) Versus the Traditional Practitioner-Driven Feeding (PDF) Approach Leads To Earlier Attainment of Full Nipple Feeding (FNF) and Earlier Discharge in Premature Infants
Abigail C. Wellington, Jeffrey M. Perlman.

Infant Colic in Relation To Maternal Social Support, Partner Involvement in Caring for the Newborn and the Happiness of the Mother-Partner Relationship
Chandran P. Alexander, Ian M. Paul, Kristen H. Kjerulf.

Preeclampsia: Effect on Newborn Blood Pressure in the 3 Days Following Preterm Birth - A Cohort Study
Marianne Reveret, Anne-Monique Nuyt.

Clinical Impact of Routine Term Equivalent Magnetic Resonance Imaging (TE-MRI) in the Care of Extremely Low Birth Weight (ELBW) Infants

Unnecessary Monitoring of Gentamicin Levels in Neonates
Qi Rong, Antionia Umeh, Karen Kambeya.

Impact of Kangaroo Care on Parental Anxiety Level and Parenting Skills for Low Birth Weight Preterm Infants in the Neonatal Intensive Care Unit
Rachel Rothstein, Paul Visintainer, Susan Sweeney, Robert Rothstein, Rachana Singh.

Effect of Genetic Variants of Bilirubin Metabolism on the Degree of Hyperbilirubinemia in African American Newborns
David L. Schutzman, Ronald J. Wong, Samuel Ajayi, Erica Gatien, Linnea M. Baudhuin.

Effects of Hyperoxia on Gene Expression in Lipopolysaccharide-Exposed Newborn Rat Lung
Jagadish Flumalai, Esther Speer, Avinash Jerath.
Skin Conductance Provides Early Objective Identification of Opiate Withdrawal
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Are There Specific MRI Differences in Brain Volume at Term Equivalent in Intrauterine Growth Restricted Infants Who Are Born Preterm?
Christie J. Bruno, Melissa Vega, Mimi Kim, Mamta Fuloria.
– Abstract 65

Ontogenic Pattern of Inter-Alpha Inhibitor Protein Expression in Human Fetal and Newborn Brain
Aparna Patra, Miles C. Miller, Monique De Paepe, Jiyong Zhang, Yow-Pin Lim, Edward G. Stopa, Barbara S. Stonestreet.
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Cardio-Respiratory Symptoms: An Early Warning Sign of Intestinal Dysfunction
– Abstract 67

The Safety and Efficacy of Ketamine Sedation During Laser Treatment of Preterm Infants With Retinopathy of Prematurity (ROP)
Deepti Mathur, Raul A. Lazarte.
– Abstract 68

Health Sciences Libraries: An Underutilized Patient-Education Resource?
Astrid B. Sarvis, Michele Mason-Coles, Jill Briggs, Swathi Ramesh, Lois Culler, Natalie G. McKnight, Karen R. Carpenter.
– Abstract 69

Saturday, March 22, 2014
Poster Session II
Developmental Biology ~ Pharmacology ~ Neonatology ~ Environmental Health ~ Hospitalist Medicine ~ Children with Special Health Care Needs

7:00am–8:00am Symphony Ballroom

1 Alternative Splicing (AS) of the ErbB4 Receptor Regulates Alveolar Type II (ATII) Cell Fate
Nisha Agarwal, Jeffrey Sumner, Dorothea Ingel, Arlene Reyna, Chelsea Douglass, MaryAnn V. Volpe, Claire Moore, Christiane E.L. Dammann, Heber C. Nielsen.
– Abstract 70

2 The Influence of Prenatal Smoke Exposure on Growth Differences Between Boys and Girls at 9 Months
Susan M. Braid, Jenny Bernstein.
– Abstract 71

3 Rev-erba Promotes Type II Cell Proliferation in Neonatal Mice Exposed To Hyperoxia
Rarinthip J. Supapannachart, Guang Yang, Phyllis A. Dennery.
– Abstract 72

4 Neonatal Abstinence Syndrome and Management With Morphiine Therapy in the NICU
Nicole Hollinger, Christopher Hvisdas, Maria Samohod, Lindsey Roke, Tara E. DeCerbo, Marie Rock Thomas, Kristin J. McKenna, Janet Larson.
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<td>81</td>
<td>Effect of Src Kinase Inhibition on Interleukin-1 Beta (IL-1ß) Production Following Hypoxia in the Cerebral Cortex of Newborn Piglets</td>
<td>Dimitrios Angelis, Shadi Malaeb, Tania D. Fontanez-Nieves, Shruti Fadai, Maria Delivoria-Papadopoulou, Robert Locke.</td>
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<td>82</td>
<td>Effect of Hypothermia and Continued Administration of Levetiracetam (Keppra®) on Long Term Mitochondrial ATP Synthase Activity after Hypoxia-Ischemia in the Newborn Piglet Brain</td>
<td>Shadi Malaeb, Michael Goldenthal, Agustín Legido, Shirish Damle, Maria Delivoria-Papadopoulou, Robert Locke.</td>
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<td>83</td>
<td>Effects of Hyperoxia on the Expression of Circadian Genes (Nрr1d1 and CLOCK) and Inflammatory Mediators (IL-6, TNF-α) in Cord Blood Monocytes</td>
<td>Suhita Gayen née Betal, Anryle Funderburk, Ursula Nawab, Sanker Adhya, Naemat Sandhu, Avani Vachhani, Janet Larson, Zubair Aghai, Robert Locke.</td>
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<td>85</td>
<td>Neonatal Withdrawal Scores Differ By Age-Adjusted Gestational Age: A Retrospective Cohort Study in NICU Patients After Iatrogenic Opioid Exposure</td>
<td>Sindhu Perampalam, Alexander G. Agthe, Robert Locke.</td>
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<td>89</td>
<td>Precordial Doppler Ultrasound Achieves Earlier and More Accurate Newborn Heart Rates in the Delivery Room</td>
<td>Sonal Goenka, Mebheen Khan, Robert I. Koppel, Howard S. Heiman, Robert Locke.</td>
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<td>90</td>
<td>Effect of Concurrent Administration of Src Kinase Inhibitor With Hypothermia on Ca²⁺-Calmodulin Kinase IV (CaM Kinase IV) Activity After Hypoxia-Ischemia in Newborn Piglet Brain</td>
<td>Panagiotis Kratimenos, Jane McGowan, Shadi Malaeb, Juan Ballesteros, Maria Delivoria-Papadopoulou, Robert Locke.</td>
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</table>
Elements of an Effective Airway Emergency Response Program in a Neonatal Intensive Care Unit
Hitesh Deshmukh, Janet Liu.

Characteristics of Infants Requiring Phenobarbital for NAS
Kristin J. McKenna, Ursula Nawab, Zubair Aghai, Janet Larson.

Developing an Antimicrobial Stewardship Program in a Level IV Neonatal Intensive Care Unit (NICU)
Nneka I. Nzegwu, Michelle Rychalsky, Amber Natusch, George Paci, Robert Baltimore, Matthew Bizzarro.

Differences in Treatment Based on Prenatal Exposure To Single Versus Multiple I illicit Substances

A QI Initiative To Attain Normothermia in the Delivery Room Using a Checklist

White Cell Changes in Necrotizing Enterocolitis (NEC) With Neutropenia Treated With Recombinant Human Granulocyte Stimulating Factor (rhG-CSF) + Intravenous Immunoglobulin (IVIG)

Intensive Care Nursery (ICN) Discharge: Assessing Care Transition

Intrauterine LPS Exposure and Post-Natal Hyperoxia Reduces Sirtuin1 and Increases Acetylated NF-kB in the Lungs of Neonatal Rats

Infection in Febrile Infants With Neonatal Abstinence Syndrome
Olavemi Ola, Alla Kushnir, Gary Stahl, Judy Saslow, Erik Brandsma.

Effect of Hypothermia on Caspase Enzyme Activity After Hypoxia-Ishemia in the Newborn Piglet Brain

Mechanism of Calmodulin Modification During Hypoxia in the Newborn Piglet Brain
Valerie Martin, Oazi M. Ashraf, Dimitrios Angelis, Panagioti Kalogeroudis, Maria Delivoria-Papadopoulos.

Can Maternal Serum Biomarkers Be Used as a Screening Tool for Pulmonary Hypertension Risk in Patients With Broncho-pulmonary Dysplasia?
Meera S. Meerkov, Manta Fuloria, Christine Capone, Mimi Kim, Dan Wang, Melissa Vega, Nicole Sutton, Christie J. Bruno.

Resveratrol Up-Regulates Circadian Proteins Rev-erbα and CLOCK in Hyperoxia and LPS Exposed Neonatal Rat Lung

Do Functional Genetic Variations of NFKBIA Increase Susceptibility To BPD?
Usama Younis, Lynnette H. Kim, Umesh Paudel, Divya Chhabra, Johanna M. Calo, Lance A. Parton.

Short-Term Outcomes of Infants With Severe Bronchopulmonary Dysplasia - Three Year Experience of a Tertiary Referral Program

Effects of Nitrated and Omega-3 Fatty Acids on Phthalate-Induced Inflammation in Neonates

Protective Effects of Breast Milk Fail To Prevent Transfusion Related Acute Gut Injury (TRAGI)
Kendall Shillingford, Heather L. Brumberg, David Aboudi, Edmund F. La Gamma.

Exposure To Constant Light and Hyperoxia Impair Postnatal Lung Vascular Development
Alexa R. Sadreameli, Shaon Sengupta, Guang Yang, Phyllis A. Dennery.

Misclassification of Newborn Infants Due To Plotting Error
Lena J. Kim, Necla Kirtok.

Nuclear Receptor Regulation of Placental BCRP Expression: Implications for Fetal Growth Restriction
Naureen Memon, Kristin M. Bircsak, Yixin Li, Barry Weinberger, Anna Vetranno, Lauren M. Aleksunes.

Screening for Osteopenia of Prematurity; a Meta Analysis
Frederick Ozwara, Arpit Argawal, Peter Homel, Alok Bhutada, Shantanu Rastogi.

Choline Prevention of Toluene Neurotoxicity
Kimberly M.R. White, Ningfeng Tang, Min He, Cynthia F. Bearer.

Triclosan and Paraben Exposure Is Associated With Allergen Sensitization
Adam J. Spanier, Tracy Fausnight, Tareq F. Camacho, Joseph Braun.

Association between Perfluoroalkyl Acids and Kidney Function in Adolescents
Anglina Kataria, Leonardo Trasande, Howard Trachtman.

Antibiotic Resistance of Staphylococcus aureus (SA) Isolated from Skin Abscesses: A 5-Year Retrospective Study
Alvaro J. Coronado Munoz, Tsoline Kojaoghlanian, Uzi Belkind, David Listman, Smita Prakash, David H. Rubin.
Saturday, March 22, 2014
Platform Session

Behavior and Developmental Pediatrics

8:00am–9:30am

Moderator: Ruth Milanaik

8:00am
Positive and Sustained Effects of Short Course Androgen Therapy in Infancy on the Neurodevelopmental Outcome in Boys With XXY (Klinefelter Syndrome) from 36 Through 108 Months of Age

8:15am
Faux Pas Recognition Testing as a Measure of Social Deficits in Children With ADHD: Assessment and Comparison With Parent Predictions
Obianuju Obioha, Andrew Adesman, Helen Papaioannou, Maria Mendoza, Anna Krevskaya, Ruth Milanaik.

8:30am
Relationship between Cognitive Development and Touchscreen Device Usage in Infants and Toddlers
Clayton Li, Meredith Akerman, Janet Lee, Chuck Ng, Maria Mendoza, Anna Krevskaya, Krish Suresh, Ruth Milanaik.

8:45am
Younger Gestational Age Is Associated With Worse Short-Term Neurodevelopmental (ND) Outcome in Congenital Diaphragmatic Hernia (CDH)
9:00am  Patient Characteristics Are Important Determinants of Short-Term Neurodevelopmental (ND) Outcome in Children With Giant Omphalocele GO

9:15am  Correlation of Touchscreen Device Usage and Television Viewing With Feeding Habits, Night Waking Episodes, and Parent Frustration: A Pilot Study
Clayton Li, Janet Lee, Meredith Akerman, Chuck Ng, Maria Mendoza, Anna Krevskaya, Ruth Milanaik.

8:00am–9:30am  Emergency Medicine I
Moderator: Melissa Langhan

8:00am  Use of Intranasal Fentanyl for Sickle Cell Pain in the Pediatric Emergency Department
Jeffrey N. Chen, Silvis M. Renee, Rogers C. Steven.

8:15am  A Quality Improvement Project To Improve Pain Management for Patients With Extremity Pain in the Pediatric ED
Daniel M. Fein, Rochelle R. Hartley, Paul Chambers.

8:30am  Recidivism of Children With ED Visits for Abdominal Pain
Kirsten L. Morrissey, Daniell E. Miano, Jill Popp, Sharon R. Smith.

8:45am  Prevalence and Predictors of Return Visits To Pediatric Emergency Departments

9:00am  Let Us Use LET:Knowledge Translation Quality Improvement Initiative

9:15am  Outcome After Initial Management of *Staphylococcus aureus* (SA) Skin Abscesses in the Pediatric Emergency Department (PED)
Alvaro J. Coronado Munoz, Tsonsie Kojaoghlanian, Paul Pina, Uri Belkind, David Listman, Smita Prakash, David H. Rubin.

8:00am–9:30am  General Pediatrics: Cardiology
Moderator: Andy Glatz

8:00am  Retrospective Chart Review for Comparison of Broad Panel and Specific Genetic Testing in Children With Inherited Hypertrophic Cardiomyopathy
Nathaniel D. Bales, Nicole Johnson, Daniel P. Judge, Anne M. Murphy.

8:15am  Pre-Participation Evaluation of Young Athletes for Sudden Cardiac Death Risk: Are Schools Asking the Right Questions?
Caitlin Heyden, Marybeth Heyden, James Nielsen, Catherine Messina, Laurie Panesar.

8:30am  Three-Dimensional Printing of Congenital Heart Defects from Echocardiographic Source Images: Feasibility and Accuracy
Laura J. Olivieri, Axel Krieger, Yue-Hin Loke, Dilip Nath, James Jago, Peter Kim, Craig A. Sable.

8:45am  Atrioventricular Nodal Re-Entrant Tachycardia in Children: Is It Familial?
Soniia Mehra, Bryan C. Cannon.

9:00am  Assessment of Clinical Parameters and Cardiac MRI as Predictors of Outcome in Pediatric Myocarditis
Shaunen Sachdeva, Xiaoyan Song, Nith Dham, Deneen M. Heath, Roberta I. DeBiast.

9:15am  Congenital Heart Disease, the Postgraduate Years: What Happens To Our Patients After They Leave Pediatric Cardiology Practice?
Amanda W. Cai.
Neonatal: GI and Feeding
8:00am–9:30am
Concerto A/B
Moderator: David Schutzman

8:00am Oxytocin Plays an Anti-Inflammatory Role in a Murine Model of Necrotizing Enterocolitis
Karen Gluck, Korey Stevanovic, Michael Gershon, Kara Marmolos.

8:15am Implementing Evidence-Based Nutritional Practices Reduces Postnatal Growth Restriction in Infants < 31 Weeks
Jeffrey M. Meyers, Meggan Butler-O’Hara, Tara Foti, Timothy P. Stevens.

8:30am Expressed Breast Milk (EBM) Analysis: An Innovative Tool in Optimizing Protein Energy (P/E) Ratio and Avoiding Protein Deficit After Preterm Birth
Sharmeel Khaira, Antoinette Pert, Karen Harvey-Wilkes, Heber C. Nielsen, MaryAnn V. Volpe.

8:45am WBC Changes in Necrotizing Enterocolitis (NEC) Treated With Recombinant Human Granulocyte Stimulating Factor (rh-G-CSF) + Intravenous Immunoglobulin (IVIG) vs Standard of Care Alone: RCT Interim Analysis
Sri Narayana, Prabhakar Kocherlakota, Boriana Parvez, Edmund La Gamma.

9:00am Growth and Early Neurodevelopmental Outcomes in Extremely Low Birth Weight Infants Fed Donor Breast Milk

9:15am The Microbiota Regulates Neutrophil Homeostasis and Host Resistance To Escherichia coli Sepsis in Neonatal Mice
Hitesh Deshmukh, G. Scott Worthen.

Neonatology: Neurology and Development
8:00am–9:30am
Aria A
Moderator: Andrew Blaufox

8:00am Abstract Withdrawn

8:15am Effect of Adolescent Stress on Adult Behavior in IUGR Offspring
Lori Christ, Nicola M. Grissom, Robert George, Teresa M. Reyes.

8:30am Extremely Low Birth Weight Infants Born To Adolescent Mothers: A Double Hit To Behavior and Development
Laurie Hoffman, Betty Voehr, Carla M. Bann, Rosemary D. Higgins.

8:45am Antenatal Antecedents of Modified Checklist for Autism in Toddlers (M-CHAT) Positivity in Extremely Low Gestational Age Newborns
Carmina Erdei, T. Michael O’Shea, Elizabeth N. Allred, Alan Leviton, Olaf Dammann.

9:00am Interneuron Neurogenesis Continues in the Cerebral Cortex of Premature Infants
Arslan Arshad, Linnea R. Vose, Govindaiah Vinukonda, Praveen Ballabh.

9:15am Sex Differences in EEG Activity Between Healthy Newborns During the First Days of Life
Jacquelyn Piraguve, William P. Fifer, Joel S. Yang, Tracy Thai, Michael M. Myers, Nina Burtchen.

Critical Care
9:45am–11:15am
Maestro B
Moderator: Angela Wratney

9:45am Race Influences Communication Patterns in the Intensive Care Unit
Adrian D. Zurca, Kiondra R. Fisher, Tessie W. October.

10:00am Incidence of Complications of Non-Invasive Positive Pressure Ventilation in Status asthmaticus in Children
Emily Wasserman, Sara L. P. Ross, James S. Killinger.
10:15am Is Oxygen Saturation Index (OSI) a Valid Indicator of Neonatal Hypoxic Respiratory Failure?
Praveen K. Chandrasekharan, Bobby Mathew, Sylvia F. Gugino, Carmon Koenigsknecht, Daniel Swartz, Jayasree Nair, Munmun Rawat, Satyan Lakshminrusimha.
– Abstract 183

10:30am Methylprednisolone Infusion in Early Pediatric ARDS: A Double Blind Randomized Controlled Pilot Study
– Abstract 184

10:45am A Survey Demonstrating Lack of Consensus on the Sequence of Medications for Treatment of Hyperkalemia amongst Pediatric Providers
– Abstract 185

11:00am Impact of Contextualized Pediatric Critical Care Training on Pediatric Healthcare Providers in Botswana
Shelton W. Wright, Loeto Mazhani, Heather A. Wolfe, Mark Ralston, Vinay M. Nadkarni, Peter A. Meaney.
– Abstract 186

Endocrinology II
9:45am–11:15am

Moderator: Andy Bauer

9:45am DNA Hypermethylation at Loci Associated With Diabetes, Obesity and Cardiac Abnormalities in CD3+ T Lymphocytes of Intrauterine Growth Restricted Newborns
Mamta Fuloria, Yoshinori Seki, Lyda Williams, Alex Cheng, Xiu-Quan Du, Fabien Delahaye, Francine Einstein, Maureen Charron.
– Abstract 187

10:00am School Is in Session: An Assessment of Accommodations for Students With Diabetes in Bronx Public Schools
Juan J. Lado, Jenna Scholnick.
– Abstract 188

10:15am Irisin Levels Are Lower in Young Amenorrheic Athletes Compared With Eumenorrheic Athletes and Non-Athletes and Correlate With Bone Structure and Strength
Vibha Singhall, Elizabeth A. Lawson, Kathryn E. Ackerman, Pouneh Fazeli, Hannah Clarke, Kamryn Eddy, Dean A. Marenghi, Nicholas P. Derrico, Mary L. Bouxsein, Madhusmita Misra.
– Abstract 189

10:30am The Effect of Rapid Viral Testing on Antibiotic Use and Hospital Length of Stay at an Urban Academic Hospital
Jessica W. Wang, Shari Platt.
– Abstract 193

10:45am Management of Children Diagnosed With Simple and Complex Febrile Seizures in Children at the Hospital Setting
Brittany M. Carey, Srividya Naganathan, Anna Petrova.
– Abstract 194

11:00am A Disconnect: Pediatric Hospitalists and ED Physicians Diagnosis & Treatment of Bronchiolitis in a Children’s Hospital
– Abstract 195

Infectious Diseases
9:45am–11:15am

Moderator: Aracelis Fernandez

9:45am Distinct Secretome Responses of Human Newborn and Adult Monocytes in Response To Vaccine Adjuvants
– Abstract 199

10:00am Children With Medically Unexplained Symptoms (MUS) Who Present To a Pediatric Infectious Diseases (PID) Clinic for Possible Lyme Disease (LD): What Happens after the Visit?
Julie Dunbar, Carlos Oliveira, Eugene D. Shapiro.
– Abstract 200

10:15am A Novel Biologic Marker for Antiretroviral Toxicity Found in Plasma
Allison Langs-Barlow, Shanmugapriya Selvaraj, Onyema Ogbuagu, Eugene Shapiro, Elijah Paintsil.
– Abstract 201

10:30am Host Defense Proteins in Breast Milk and Neonatal Yeast Colonization
Brian D. Chow, Emily O. Perry, Juliann R. Reardon, Sonia S. Laforce-Nesbitt, Joseph M. Bliss.
– Abstract 202
Reducing Unnecessary Testing for *Clostridium difficile* Infection (CDI) in a Pediatric Hospital System: A Quality Improvement (QI) Initiative
J. Michael Klatte, Rangaraj Selvarangan, Mary Anne Jackson, Kevin Mroczka, Angela L. Myers.

Abstract 203

Restructuring the Pediatric Viral Respiratory Testing Protocols and Procedures: A QI Initiative
Kathryn McKenna, Beth Carter, Jackson Williams.

Abstract 204

Neonatal: Hypoxic Brain Injury II

Moderator: Victor Herson

Effect of Hypoxia on High Affinity Ca\(^2\) ATPase Activity in the Cerebral Cortex of Newborn Piglets
Andy C. Wang, Lynn E. Zeits, Waseem Akhter, Amanda M. Bahara, Maria Delivoria-Papadopoulos.

Abstract 205

Effect of Concurrent Administration of Src Kinase Inhibitor With Hypothermia on Caspase-3 Enzyme Activation After Hypoxia-Ischemia in the Newborn Piglet Brain
Christine Yankowski, Endla Anday, Shadi Malaeb, Maria Bergel, Maria Delivoria-Papadopoulos.

Abstract 206

Neonatology: Cardiology I

Moderator: Deborah Campbell

Gene Expression of the Ductus Arteriosus and Aorta from Neonates and Infants
Pratik Parikh, George Alfieris, Michael Swartz, David Dean.

Abstract 211

Coarctation of the Aorta in Newborns Is Better Identified By Photoplethysmographic Waveform Analysis Than Standard Pulse Oximetry Screening
Lynn C. Palmeri, Meir Nitzan, Gideon Gradwohl, Yehuda Shapir, Robert Koppel.

Abstract 212

Pulmonary

Moderator: Alfin Vicencio (Didi) & Robyn Cohen

Detection of Functional CFTR after Gene Editing the F508del Mutation in Cystic Fibrosis Airway Cells
Lee Polikoff, Christina C. Barone, Peter Geibel, Nicole A. McNeer, Kavitha Anandalingam, Rachel J. Fields, John Geibel, W. Mark Saltzman, Peter M. Glazer, Marie E. Egan.

Abstract 217

Heterogeneity of Lower Airway Inflammation in Children With Severe Persistent Asthma
Caitlin E. O’Brien, Alfin G. Vicencio.

Abstract 218

Practice of Palivizumab for Prophylaxis of Respiratory Syncytial Virus Infections after Modified 2009 American Academy of Pediatrics Recommendations
Kruti Shah, Basu Hiregoudar, Anudeepa Sharma, M. Roger Kim.

Abstract 222
Plenary Session I

11:30 Plenary Lecture - Pulmonary Hypertension in Infancy: What's Known, What's New, and What's Next
Robin Steinthorn, MD, UC Davis School of Medicine, Sacramento, CA

Fellows’ Clinical Case Presentation Competition

12:40pm–1:40pm

We are happy to announce that back after last year’s great success is the lunch time Clinical Case Competition Session. A total of 3 unknown cases will be presented, and an award for best case presentation will be announced Sunday Morning.

Moderator: Kirsten Bechtel

The fellows presenting the unknown cases are:
- Michael Alfonzo, Yale New Haven Children’s Hospital
- Christopher Russo, St. Christopher’s Hospital for Children
- Amy Sloane, Thomas Jefferson/Alfred I DuPont Hospital for Children

Plenary Session II Mentor of the Year

1:45pm Mentor of the Year Presentation

James Padbury, MD, Alpert Medical School of Brown University, Women & Infants Hospital, Providence, RI

Plenary Session II Trainee Young Investigators

2:30pm Norepinephrine Is a More Selective Systemic Vasoconstrictor Compared To Dopamine in Preterm Lambs
Praveen K. Chandrasekharan, Sylvia Gugino, Carmon M. Koenigsknecht, Jaysree Nair, Mamun Rawat, Cheryl Allen, Bobby Mathew, Satyan Lakshminrusimha.

2:45pm Outpatient Continuity of Care for Premature Infants: Impact on Healthcare Utilization and Primary Care Outcomes
Elizabeth Enlow, Michelle Macheras, Scott A. Lorch.

3:00pm A Novel Strategy for Prevention of Neonatal Abstinence Syndrome

3:15pm Break

Plenary Session II

Faculty Young Investigators

3:30pm Impact of Workday Factors on Physician Bias
Tiffani J. Johnson, Robert Hickey, Galen Switzer, Elizabeth Miller, Margaret Nguyen, Richard Saladino, Leslie R.M. Hausmann.

3:45pm Mechanisms of Invariant Natural Killer T (iNKT) Cell Control of T-Lymphoma

4:00pm Transfusion Decreases Intestinal Oxygen Extraction in Anemic Preterm Lambs After Feeds
Jayasree Nair, Sylvia Gugino, Carmon Koenigsknecht, Daniel Swartz, Satyan Lakshminrusimha.

Cardiac and Pulmonary Development

4:30pm The Long Noncoding RNA (LncRNA) Transcriptome Regulates Lung Development and Differentiation
Daniel T. Swarr, Michael Herriges, Michael Morley, MinMin Lu, Kathleen Stewart, Edward E. Morrisey.

4:45pm Next Generation Sequencing Reveals Genes Uniquely Expressed in the Human Fetal Ductus Arteriosus
Cris Ebby, Tao Zhang, Connie L. Stephens, Ronald I. Clyman, Jeff Reese, Jason Z. Stoller.

5:00pm Electron Transport Activity in Embryonic Hearts Requires the Formation of Supercomplexes
Gisela Beutner, George A. Porter.

5:15pm The Role of Jun in Aortic Arch Artery Formation and Remodeling
Indu Subbaraj, Hua Pan, Tao Zhang, Jason Z. Stoller.

5:30pm Hyperoxia Interacts With Circadian Disruption To Worsen Neonatal Lung Injury Through Modulation of Rev-erba
Shaon Sengupta, Guang Yang, Alexa Sadreameli, Hayato Go, Phyllis A. Dennery.

5:45pm ErbB4-TTF-1 Signaling Pathway Is Perturbed in Hyperoxic Lung Injury Leading To BPD
General Pediatrics: Adolescent Medicine

4:30pm–6:00pm

Moderator: Susan Coupley

4:30pm

Effect of Clinician and Family-Focused Decision Support on Missed Opportunities for HPV Vaccination Among Adolescent Girls: A Randomized Trial
Stephanie Mayne, Nathalie DuRivage, Kristen Feemster, Russell Localio, Robert Grundmeier, Alexander Fiks.

– Abstract 235

4:45pm

Energy Drink Use and Associated Problem Behaviors in Adolescents in Our Urban Community
Richard D. Hallenbeck, Darlene Tenoyo, Kelly Cervellione, Patricia Burris-Warmoth, Susana Rapaport, Dakshayani Guttal.

– Abstract 236

5:00pm

Use of a Text Messaging Intervention To Improve Caffeine Intake, Nighttime Technology Use and Sleep Duration in Adolescents
Christina J. Calamaro, Jared Annibale, Sarah Ratcliffe, Kevin Meyers.

– Abstract 237

5:15pm

Socioeconomic Status and Religious Exemptions (RE) for Immunization Requirements in New York State (NYS) Public Schools, 2010-2012
Jessica A. Nadeau, Yun-Kuang Lai, Debra Blog, Louise A. McNutt, Jana Shaw.

– Abstract 238

5:30pm

Association of Social Networking Site Use, Perceived Social Support and Depression in an Urban Community
Sonia Patel, Fernanda Kupferman, Susana Rapaport, Vinod Dhar, Jyotsna Gupta, Kelly Cervellione, Partha Chatterjee.

– Abstract 239

5:45pm

Medical-Legal Partnership at Healthy Women/Healthy Babies Sites To Improve Health Status in Low-Income High-Risk Pregnant Women
Dan Atkins, Mawuna Gardesev, Vikrum Vishnuhakta, Shannon M. Heller, Robert Locke.

– Abstract 244

Health Services and Global Pediatrics

4:30pm–6:00pm

Moderator: Laurie Scheiner & Hilda Stivka

4:30pm

5 Year Experience of the Region 2 Pediatric Environmental Health Specialty Unit (NY, NJ, PR and USVI)

– Abstract 247

4:45pm

Parent Satisfaction With Infant Care and Its Correlation To Health Care Attitudes and Clinical Outcomes
Elizabeth Enlow, Michelle MacEacher, Scott A. Lorch.

– Abstract 242

5:00pm

Correlates of Quantity and Quality of Child Communication During Pediatric Subspecialty Encounters
Vanessa Vigilante, Jobayer Hossain, Timothy Wysocki, Iman Sharif.

– Abstract 243

5:15pm

Medical-Legal Partnership at Healthy Women/Healthy Babies Sites To Improve Health Status in Low-Income High-Risk Pregnant Women
Dan Atkins, Mawuna Gardesev, Vikrum Vishnuhakta, Shannon M. Heller, Robert Locke.

– Abstract 244

Neonatal: ID and Immunology

4:30pm–6:00pm

Moderator: Naveed Hussain

4:30pm

Effects of Phthalates on Expression of miRNA and Inflammatory Genes in Neonatal Neutrophils
Imran Malik, Faith E. Archer, Moiz Mohammed, Jehan Abukharmah, Barry Weinberger, Anna M. Vetrano.

– Abstract 247

4:45pm

Anti-Cytokine Antibodies Reduce Ischemia-Related Cytokine Transport Across the Fetal Blood-Brain Barrier (BBB)
Aparna Patra, Grazyna B. Sadowska, Xiaodi Chen, Jiyong Zhang, Yow-Pin Lim, James F. Padbury, William A. Banks, Barbara S. Stonestreet.

– Abstract 248

5:00pm

Mast Cell Mediator Levels in Tracheal Aspirate Fluid of Venti-lated Preterm Neonates Increase With Time
Michael Thompson, Anil Veerapen, Barbara Summers, Stefan Worgall, Randi B. Silver.

– Abstract 249

5:15pm

The Impact of Hyperoxia on T-helper (Th) Cell Function

– Abstract 249

5:30pm

Perinatal Protection Against Invasive Neonatal Candidiasis
Anoop S. Pulickal, Sonia S. Laforce-Nesbitt, Lois L. Hoyt, Joseph M. Bliss.

– Abstract 250

5:45pm

Passive Immunization Against Group B Streptococcus Promotes Clearance from the Female Genital Tract

– Abstract 252

Neonatal: Pulmonary Animal Models

4:30pm–6:00pm

Moderator: Andrew Blaufox

4:30pm

MicroRNA-196a Regulates Heme Oxygenase-1 Via Bach1 in Neonatal Hyperoxia-Induced Lung Injury
Hayato Go, Ping La, Guang Yang, Phyllis Denney.

– Abstract 253

4:45pm

Systemic Hypertension & Vascular Reactivity Following Neona-tal Hypoxia-Hyperoxia Exposure in Adult Mice
Vasanth H.S. Kumar, Valerie Elberson, Sylvia F. Guzino, Huamei Wang, Lori Nielsen, Satyan Lakshminrusimha.

– Abstract 254
Saturday, March 22

4:30pm–6:00pm

**Neurology**

**Moderator:** Sudha Kessler

4:30pm

**Incidence of Epilepsy Following Perinatal Arterial Ischemic Stroke: A Prospective Cohort Study**


– Abstract 265

4:45pm

**Electroencephalogram (EEG) Background Normalization and Appearance of Spike and Wave Activity Following Propofol Administration**

Gurcharanjeet Kaur, Salimah Walani, Lily Q. Lew, Susana Rapaport, Rami Grossmann

– Abstract 266

5:00pm

**Tract-Based Spatial Statistics in Preterm-Born Infants Predicts Cognitive Outcome at 18 Months: Term Age Are Better Than Early Scans**

Justin A. Foong, Emma G. Duerden, Anne Lynnes, Yann Chau, Kenneth J. Poskitt, Ruth E. Grunau, Steven P. Miller

– Abstract 267

5:15pm

**Regional Brain Biometrics at Term-Equivalent Age and Developmental Outcome in Extremely Low Birth Weight (ELBW) Infants**

Launice A. Melbourne, Jonathan Murnick, Taeun Chang, Penny Glass, An N. Massaro

– Abstract 268

5:30pm

**Ontogeny and Effects of Ischemia on Matrix Metalloproteinase (MMP) in Ovine Fetal Brain**

Aparna Patra, Nicole Noronha, Grazyna B. Sadowska, Xiaodi Chen, Barbara S. Stonestreet

– Abstract 269

5:45pm

**Use of Complementary and Alternative Medicine in Children and Adolescents With Seizure Disorder in an Urban Community**

Rahul P. Sinha, Jose Serruya, Rami Grossmann, Michael J. Suh, Asri Yuliati, Fernanda Kupferman, Kelly Cervellione, Susana Rapaport, Partha Chatterjee

– Abstract 270

Saturday, March 22, 2014

**Poster Session III & Reception**

**Public Health and Prevention ~ Obesity ~ Underserved Populations ~ Asthma ~ Neonatology**

**Symphony Ballroom**

6:00pm–7:30pm

1

**Early Childhood Obesity Prevention: Comparing Mothers’ and Clinicians’ Priorities**


– Abstract 271

2

**Using a Fresh Food Program To Address Hunger in a Food Desert**

Hans B. Kersten, Nova Ashanti, Katie Tran, Kristen Shaw-Deichman

– Abstract 272

3

**Is the Primary Care Provider a Gateway To Improving Access To Mental Health Care for Asian Adolescents?**

Sylvia W. Lim, Loretta Au, Melody Lao, Ellen J. Silver, Andrew D. Racine

– Abstract 273
Evaluation of a Pediatric Waiting Room Educational Slide-show in an Urban, Academic Primary Care Setting
Stephen M. Sandelich, Maria McColgan, Katie McPeak, Bruce Bernstein.
– Abstract 274

The Effects of an Educational Intervention on Physician Knowledge and Screening for Postpartum Depression
Suzanne Friedman, Ellis Rochelson, Leora Mogilner.
– Abstract 275

– Abstract 276

The Pre-Participation Evaluation: A Survey of Pediatricians
Christa L. Miliaresis, Deborah Friedman, Joseph Resignato, Michael Gewitz.
– Abstract 277

Cardiovascular Risk Factors and Metabolic Abnormalities in Survivors of Pediatric Cancer: A Single Institution Report
Anna Hays, Hanna Moisander-Joyce, Jennifer Levine.
– Abstract 279

Do Parents of Adolescents Prefer Catch Up Immunization in the Emergency Department?
Salaheddin H. Elrokhsi, Bianca Musete, Noah P. Kondamudi.
– Abstract 280

Predictors of Early Contraceptive Discontinuation in Urban, Minority, Adolescent Women
Sofya Maslyanskaya, Rosy Chhabra, Susan M. Coupey, Unab I. Khan.
– Abstract 281

Clinician Documentation of Severe Early Childhood Obesity
– Abstract 282

BMI Percentile as a Predictor of Exercise Performance in Both Cycle Ergometer and Treadmill Tests in Children
Soultana Kourtidou, Scott Ceresnak, Myles Schiller, Paolo Pina, David Rubin.
– Abstract 283

Sleep Disordered Breathing Is Associated With Increased Cardiometabolic Risk in Severely Obese Adolescents
Abigail R. Strang, Thao-Ly T. Phan, George Datto, Samuel Gidding, Aaron Chidekel.
– Abstract 284

Are Socio-Demographic Characteristics Associated With Success in an Open Access Family Weight Management Program?
Maria Victoria B. Purtubal, Pamela M. Diamantis, Ellen J. Silver, Paolo Pina, David H. Rubin, Adriana E. Groisman-Perelstein.
– Abstract 285

Primary Care Pediatricians’ Adherence To Diabetes Screening Guidelines
Shanika R. Uduwana, Gayathri Mohanachandran Pillai Geetha Devi, Uri Belkind, David Rubin.
– Abstract 286

Newly Observed Risk Factor for Childhood Obesity: Parental Misperceptions May Play a Role in Body Mass Index (BMI) Percentiles in Low-Income Children
Jaims L. Pula, Michael Lamacchia.
– Abstract 287

Impact of Extra-Curricular Activities and Demographic Factors on BMI of School Students
Swathi Raman, Vigneswari Aravindalochanan, Vijay Viswanathan.
– Abstract 288

Type 1 Diabetes Education and Screening Program in Nepal
Sarah Coors, Graham Ogle, Holley Allen.
– Abstract 289

Progression of 6Q24 Transient Neonatal Diabetes Mellitus To Hypoglycemia
Sani M. Roy, Katherine Lord, Sara E. Pinney, Diva D. De Leon.
– Abstract 290

Association of Serum Vitamin D Levels With Risk for Surgical Pediatric Fractures
– Abstract 291

Extremely High Prevalence of DR3 in Somali Children With Type 1 Diabetes in the Twin Cities, Minnesota
– Abstract 292

Text2Connect: Technology Use Among Postpartum Women and Implications for Personal Health Record Utilization
Danis J. Copenhaver, Nadira Fernandez, David Vawdrey, Helen Kottoubey, Melissa S. Stockwell.
– Abstract 293

Latino Parent Engagement During a Community-Based Center Asthma Education Fair
Antonio Riera, Aguenda Ocasio, Lauren Krameich, Patricia Goncalves, Karol H. Katz, Sandra Trevino, Federico E. Vaca.
– Abstract 295

Evaluating the Effectiveness of a Fresh Food Access Program in a Food Desert
Nova Ashanti, Katie Tran, Kristen Deitchman, Hans B. Kersten.
– Abstract 296

Off the Mat: Piloting a Mindfulness Based Curriculum With Adolescents in East Harlem
Maureen Braun, Brenda Levy, Leora Mogilner, Geoffrey Collins.
– Abstract 297

Assessing Legal Needs of Patients at a Federally Qualified Health Center
Milani Patel.
– Abstract 298

Utilization and Effectiveness of a Language Interpreter Service in the Pediatric Emergency Department for Hispanic Patients With Limited English Proficiency
Roy M. Vega, Martha Casamalhuapa.
– Abstract 299
The Relative Effect of Local Community Factors on 15-Day Asthma Readmission
Chen C. Kenyon, Chris Feudtner.

Comparing Asthma Severity in Children and Adolescents With and Without Allergies

An Analysis of Attitude Toward Infant Sleep Safety and Sids Risk Reduction Behavior Among Caregivers of Newborns and Infants
Sarah Varghese, Abdur Ayoob, Denise Gasalberti, Cynthia Chang.

Azithromycin Use in Children Hospitalized With Acute Asthma Exacerbations
O. Fakeye, E. Fieldston, L.C. Douglas.

Safety and Efficacy of Continuous Albuterol in the Non-Intensive Care Setting
Chen C. Kenyon, Evan S. Fieldston, Xianqun Luan, Ron Keren, Joseph J. Zorc.

CHIT1 and Fungal-Sensitized Asthma in Children
Alfin G. Vicencio, Michael C. Stankewich, Kalliope Tsirilakis, Maria Teresa Santiago, David L. Goldman.

Comparison of Respiratory Status 3 Vs 4 Hours After Bronchodilator Therapy in Hospitalized Asthmatics
Vincent Uy, Alyson Smith, Paulo Pina, Rubin David, Daniel Erichsen.

Increased Ventilatory Demand During Sleep in Children With Cystic Fibrosis
Shruti M. Paranjape.

Novel, Miniature, Wireless Device (microEEG®) for Continuous, Multichannel EEG in Newborns
Zachary H. Ibrahim, Geetha Chari, Samah Abdel Baki, M. Roger Kim, Rudolph Parris, Vadim Bronshtein, Tauseef M. Raza, Joe Cracco, Jacob Aranda.

Chronic Lung Disease in VLBW Infants in a Universal Health Care System

Seasonal Variability of Maternal Exposure To UV Radiation during Pregnancy and Subsequent Risk of Early Mortality in Extremely Preterm Infants
Ariel A. Salas, Kelly A. Smith, Mackenzie D. Rodgers, Vivien Phillips, Namasivayam Ambalavanan.
Sunday, March 23, 2014

Poster Session IV

Human Milk or Breastfeeding ~ Pediatric Nutrition ~ Neonatology ~ Nephrology ~ Emergency Medicine ~ Media and Technology

7:30am–9:00am
Symphony Ballroom

Lactation and Breast Feeding Knowledge Gap Identified in Incoming Pediatric Interns and Second Year Residents
Nocet Elitsur, Roger Edwards, Maria Blanco, MaryAnn Volpe.
– Abstract 337

Breastfeeding Toddlers & Preschoolers: Is It More Common With Boys or Does the Mass Media Sensationalize Nursing?
Alexis Tchaconas, Andrew Adesman.
– Abstract 338

Are We Ready for Healthy People 2020? Breastfeeding Continuation Rates and Barriers in an Underserved Community
Trishna Sisodraker, Puneet Arora, Anudeepa Sharma, M. Roger Kim, Marina Szuchmacher, Divya Panneerselvam, Sindhu Moltanad.
– Abstract 339

Maternal Ratings of Factors That Influenced Their Decision To Breastfeed Beyond 1 Year of Age
Alexis Tchaconas, Andrew Adesman.
– Abstract 340

Support for Mothers’ Decision To Breastfeed Beyond One Year of Age: Healthcare Providers, Family, and Friends
Alexis Tchaconas, Andrew Adesman.
– Abstract 341

Severe Hypercalcemia Associated With Subcutaneous Fat Necrosis
Vidhu Thaker, Daniel Shumer, George Taylor, Ari Wassner.
– Abstract 342

Severe Hypercalcemia Associated With Subcutaneous Fat Necrosis
Vidhu Thaker, Daniel Shumer, George Taylor, Ari Wassner.
– Abstract 342

Filling, Affordable and Nutritious (FAN): An Individualized Program To Assist Poorer Families in Obtaining Sufficient, Nutritious Food at a Reasonable Cost
Robert J. Karp, Isabelle Bollendorf, Christian Ngo, Spiros Mancoridis.
– Abstract 346

Liver Disease in Bardet-Biedl Syndrome
Leora Branfield Day, Claudia Quammie, Elise Heon, Binita M. Kamath.
– Abstract 345

Filling, Affordable and Nutritious (FAN): An Individualized Program To Assist Poorer Families in Obtaining Sufficient, Nutritious Food at a Reasonable Cost
Robert J. Karp, Isabelle Bollendorf, Christian Ngo, Spiros Mancoridis.
– Abstract 346

Simple Nutrition Screeners in the Pediatric Emergency Department (PED) Focus Nutrition Education for Obesity Prevention
– Abstract 347

Serum Vitamin D Levels Among Adolescents Admitted To an Pediatric Acute Rehabilitation Facility
Ros Dalope.
– Abstract 348
Arlene Zamora, Beth Euston, Elaine Guilday, Deepthi Alapati.
Hyperoxia in Neonates
Collaborative Multidisciplinary Approach Decreases Duration of

Robert Locke.
Sue Coffey Zern, Stephen Pearlman, Thomas Blackson, Joseph Ciarlo,
How Good Are Simulation Model Lungs?

Wendy L. Timpson, Joel H. Weiner.
Using an Early CRP To Rule Out Neonatal Sepsis

Kathryn R. Robertson, J. Colin Partridge, Elizabeth E. Rogers, Geri O.
Factors Affecting Nasal Intermittent Positive Pressure Ven-
tilation (NIPPV) Failure and Impact on Bronchopulmonary
Dysplasia (BPD) in Neonates

Dalal Taha, Ursula Nawab, Kristin McKenna, Zubair H. Aghai.
Occult Blood in Stool Does Not Predict Occurrence of Necro-	zizing Enterocolitis in Preterm Infants

Amy J. Sloane, Ursula S. Nawab, Kristin McKenna, Zubair H. Aghai.
Utility of Measuring Direct Bilirubin at 24-72 Hours of Age in
Neonates Admitted To the Neonatal Intensive Care Unit

Paulomi Mehta, Jessica Berger, Emily Bucholz, Vineet Bhandari.
Factors Affecting Nasal Intermittent Positive Pressure Ven-
tilation (NIPPV) Failure and Impact on Bronchopulmonary
Dysplasia (BPD) in Neonates

Kathryn R. Robertson, J. Colin Partridge, Elizabeth E. Rogers, Geri O.
Landman, Allison J. Allen, Aaron B. Caughey.
Cost-Effectiveness of Resuscitation at 23 Weeks’ Gestation: Quan-
tifying the Maternal-Fetal Conflict

Suna Seo, Melissa Scala.
Patterns and Perceived Utility of Neurodevelopmental Screen-
ing With Magnetic Resonance Imaging in Preterm Infants

Wendy L. Timpson, Joel H. Weiner.
Using an Early CRP To Rule Out Neonatal Sepsis

Katherine Ritter, Paul Visintainer, Stanley Konicekny, Rachana Singh.
Sustaining Improvement: Experience With Reducing Pharma-
cotherapy for Gastroesophageal Reflux in Preterm Infants

Susan M. Braid, Jenny Bernstein, Nana Matoba.
Early Complimentary Feeding in Preterm Infants

Prevalence, Practice Patterns and Hematological Outcomes of Young Children Identified With Non-Anemic Iron Deficiency (NAID): Implications of Screening in Primary Care Settings

Are Genetic Variants of the Platelet Activating Factor Pathway Associated With Necrotizing Enterocolitis?

Dalal Taha, Ursula Nawab, Kristin McKenna, Zubair H. Aghai.
Occult Blood in Stool Does Not Predict Occurrence of Necro-
zizing Enterocolitis in Preterm Infants

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cotherapy for Gastroesophageal Reflux in Preterm Infants

James Haiyang Xu, Kimberly Dow.
Effect of Epidermal Growth Factor Receptor (EGFR) Kinase In-
hibition on Long Term Src Kinase Activity Following Hypoxia in the Cerebral Cortex of Newborn Piglets

Sam Ajayi, Dimitrios Angelis, Lynn E. Zeits, Aaron Pinninti, Maria Delivoria-Papadopoulos.
Impact of a Novel Predictive Model for Early-Onset Neonatal Sepsis Evaluation

Isak Medhane Amanuel, Ramesh Gokhale, Leyla F. Goodale, Maria Delivoria-Papadopoulos.
Abstract Withdrawn

Using an Early CRP To Rule Out Neonatal Sepsis

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Sam Ajayi, Dimitrios Angelis, Lynn E. Zeits, Aaron Pinninti, Maria Delivoria-Papadopoulos.
Impact of a Novel Predictive Model for Early-Onset Neonatal Sepsis Evaluation

Isak Medhane Amanuel, Ramesh Gokhale, Leyla F. Goodale, Maria Delivoria-Papadopoulos.
Effect of Hypoxia on Interleukin 1 beta (IL-1β) Production in the Cerebral Cortex of Newborn Piglets

Dimitrios Angelis, Tania Fontanze-Nieves, Shadi Malaeb, Ozi Ashraf, Maria Delivoria-Papadopoulos.

Ontogeny of Nitric Oxide Pathway in Oxine Fetal Mesenteric Arteries: Correlation With Age at Onset of NEC

Jayasree Nair, Cheryl Allen, Lori Nielsen, Sylvia Gugino, Satyan Lakshminrusima.

Spontaneous Intestinal Perforation: Maternal and Neonatal Factors

Nidhi Agarwal, Jaime R. Braverman, Mimi Kim, Alecia Thompson.

Growth Velocity Correlates With Pulmonary Hypertension Course in Neonates With Pulmonary Hypertension and Bronchopulmonary Dysplasia

Seema P. Anandalwar, Mary P. Mullen, Ronald V. Lacro, Lawrence M. Rhein.

Role of Chronic Diuretic Therapy in the Era of New Chronic Lung Disease: Clinical Value and Cost Effectiveness


Abstract Withdrawn

A Novel Definition of Acute Kidney Injury in Term Newborns With Hypoxic Ischemic Encephalopathy

Charu Gupta, An Massaro, Patricio Ray.

Reticulocyte Hemoglobin Levels in Pediatric CKD Patients

Hala Al Moadig, Nick Barrowman, Elaine Leung, Janusz Feber, Anne Tsampalieros.

Renal Transplantation in Children With Cognitive Delay (CD)

Sarita Ranabothu, Sonya Lopez, Natalia Zelikovsky, Jorge Balarate, Kevin Meyers.

The Impact of BUZZY® on Outpatient Venipuncture in Children


Pattern of Presentations Among Female Adolescent Patients With Gonorrhea and Chlamydia Infection in the Pediatric Emergency Department

Sarah B. Wren, Nicole C. Aguacanas, David L. Goldman, Hnin Khine.

The Use of Capnography During Critical Events in Children

James M. Dodington, Adam Bullock, Aaron J. Donoghue, Melissa L. Langhan.

Non-Anogenital Injury after Sexual Assault in Pediatric Patients

Clare Stephens, Dustin Flannery, Amy Thompson.

Validation of a Risk Stratification Strategy To Identify Serious Bacterial Illness in Febrile Patients With Sickle Cell Disease Who Present To the ED in the Post PCV7 Era


Variation in Testing Tendencies among Pediatric Urgent Care Providers

Kayman Doctor, Kristen Breslin, Melissa M. Tavarez, Deena Berkowitz.

Comparison of Clinical Management of Young Children With Simple Febrile Seizures in Association With Physicians’ Training

Ernest G. Leva, Briana Fieramosca, Srividya Naganathan, Brittany Carey, Anna Petrova.

The Effect of Legislation on the Availability of Automated External Defibrillators Among Connecticut High Schools

Matthew D. Thornton, Lei Chen, Megan E. McCabe, Mark X. Cicero.

Disparities in the Availability of Automated External Defibrillators Among Connecticut Public High Schools

Matthew D. Thornton, Lei Chen, Megan E. McCabe, Mark X. Cicero.

Provider Barriers To Identification and Management of Pediatric Sepsis in Rwanda

Michael J. Alfonzo, Angelique Karambizi, Gunjan K. Tiyyagura, Melissa L. Langhan, Lei Chen.

Caregiver Understanding of Discharge Instructions After Pediatric Emergency Visit in an Inner City Community Hospital.

Ravali Bandaru, Mavellin Lim, Sushma Ravirala, Noah P. Kondamudi.

Albuterol and Azithromycin Use for Acute Chest Syndrome in Children With Sickle Cell Disease Is Associated With Prolonged Hospital Length of Stay

Oluwakemi Badaki-Makun, William Pastor, Deepika S. Darbari, James M. Chamberlain.

Foreign Body Ingestion in Children; Are the Second Children Doomed?

Ioannis Koutroulis, David Eng, Panagiotis Kratimenos, Neha Jariwala.

Association of Playground Equipment on Childhood Injury


Evaluation of a Pediatric Emergency Department Screening Tool for Prediction of Violence Exposure and Behaviors

Steven C. Rogers, Shadaab A. Kazi, Renée Silvis, Sharon B. Smith.

Review and Evaluation of Dermatopathology Assessments To Categorize Themes (REDACT) Study

Kruti Parikh, Albert C. Yan.
Prevalence of Exergaming among Adolescents in an U.S. Inner-City Urban Region
Harini Racherla, Sudheer R. Gorla, Martha Casamalhuapa, Savita Manwani, Peter Sherman, Richard Neugebauer, Ayoade Adeniyi, Stefan Hagmann, Pravadarshini Bhathe.

– Abstract 401

iHealthNYC: Assessment of Smartphones and Apps To Mobilize the Medical Home
Arunjot Singh, Sarah Wilkinson, Sandra Braganza.

– Abstract 402

Plenary Session III
Presentation of Young Investigator Awards

Overture

Presentation of The Young Investigator Awards

Plenary Lecture - Is Food Allergy a Treatable Disease?
Robert Wood, MD, Johns Hopkins University School of Medicine, Baltimore, MD

Break

Sunday, March 23, 2014
Platform Session

Child Abuse and Neglect

Moderator: Susan Coupley

Domestic Child Sex Trafficking: the Need for Physician Education
Kanani E. Titchen, Eliza Chin, Iman Sharif.

– Abstract 403

The Family Safe Zone: A Unique and Effective Multi-Level Positive Parenting Intervention in the Pediatric Setting
Stephen M. Sandelich, Maria McColgan, Bruce Bernstein.

– Abstract 404

Trends in Abusive Head Trauma Rates and Economic Stress Indicators

– Abstract 405

Use of the Pediatric Trauma Score To Triage Severity of Childhood Injury
Jennifer Fieber, Michael Caty, Kirsten Bechtel.

– Abstract 414

Use of Bedside Ocular Ultrasound To Identify Optic Disc Swelling in Children
Ronald F. Marchese, Rakesh D. Mistry, Gil Binenbaum, Richard J. Scarfone, Grant T. Liu, Ashley L. Woodford, Aaron E. Chen.

– Abstract 415

The Impact of Traumatic Lumbar Puncture on Hospitalization Rate for Febrile Infants 28 To 60 Days of Age

– Abstract 416

Are Labs and Imaging Indicated in Pediatric Patients Who Present To the Emergency Department With Back Pain?
Talia M. Brooks, Lana M. Friedman, Renee M. Silvis, Matthew D. Milewski.

– Abstract 417

General Pediatrics: Obesity

Moderator: Adam Spanier

Peak Body Mass Index (BMI) in Infancy and Childhood Growth in a Multi-Ethnic Cohort
Sanj M. Roy, Rui Xiao, Frank Mentch, Rosetta Chiavacci, Hakon Hakonarson, Babette Zemel, Struan P.A. Grant, Shana E. McCormack.

– Abstract 419
10:45am Association Between Sleep Stages and Hunger Scores in Children Referred for Polysomnography

Rajeswari Arun, Daniel Erichsen, David H. Rubin.

Moderator: Mitchell Cairo

11:00am School-Based, Wellness Programs May Improve Students’ Anthropometric Outcomes and Prevent or Reverse Childhood Obesity: A Pilot Study

Jaime L. Pula, Michael Lamacchia.

Moderator: Robert Green

11:15am Obesity as a Risk Factor for Urinary Tract Infection in Children


11:30am A Pilot Evaluation of the Boy Scouts of America Weight-Loss Camp for Obese Adolescents

Marsha B. Novick, Erik Lehman, Ronald J. Williams.

11:45am Extremes of Body Mass Do Not Affect Outcomes in Critically Injured Children


12:00pm The Impact of Active Video Gaming on Weight in Youth: A Meta-Analysis

Risa C. Eilbaum, Karen M. Sorensen, Peter F. Belamarich.

12:15pm Associations Between Neighborhood Physical Activity Resource Characteristics and Where Urban Minority Children Play


12:30pm Hematology and Oncology

Moderator: Mitchell Cairo

10:30am–12:30pm

10:30am Incidence and Risk Factors for Hospital-Acquired Venous Thromboembolism in Pediatric Patients

Amy B.W. LaMothe, Kathleen D. Kopeza, Evan R. Horton, Alexander Kne, Satkiran S. Grewal.

10:45am Association of Common Childhood Infections and Anemia in Children Between One and Two Years of Age

Pradeep Bangalore Prakash, Fazlul Yusuf, Salimah Walani, Susana Raper, Partha Chatterjee.

11:00am Hippo Growth-Control Pathway Regulates MicroRNA Biogenesis and Links Global MicroRNA Suppression To Cancer

Masaki Mori, Fernando D. Camargo, Richard I. Gregory.

11:45am Anti-CD20 Chimeric Antigen Receptor (CAR) Modified Expanded Natural Killer (NK) Cells Significantly Mediate Rituximab (Rx) Sensitive and Resistant Burkitt Lymphoma (BL) Regression and ImproveSurvival in Human BL Xenografted NSG Mice

Ashlin Yahr, Yaya Chu, Janet Ayello, Carmella van de Ven, Matthew Barth, Myron Czuczman, Mitchell S. Cairo.

11:30am Improving Time To First Dose of Parenteral Antibiotic in Febrile Immunocompromised Children: A Single Institution Collaborative Project

Joeli Hettler, Teresa Kanev, Elizabeth Gale, Satkiran Grewal.

11:45am DLEU1 Knockout by Transcription Activator-Like Effector Nucleases (TALENs) Inhibits Apoptosis in Pediatric Burkitt Lymphoma (PBL): DLEU1 May Serve as a Tumor Suppressor Gene in PBL

Timmy O’Connell, Chonghong Yin, Janet Avello, Carmella van de Ven, Sanghoon Lee, Mitchell Cairo.

12:00pm Cranial Irradiation Therapy for Pediatric T-Lineage Acute Lymphoblastic Leukemia: A Systematic Review and Meta-Analysis

Michael Kelly, Thomas Trikalinos, D. Matthew Gianferante, Issa Dahabreh, Susan Parsons.

12:15pm Respiratory Syncytial Virus (RSV) Infection in Pediatric Cancer and Hematopoietic Stem Cell Transplant (HSCT) Patients

Mansi Sachdev, Melanie Comito, George McSherry, Kevin Mulieri, Lindsay Trout, Brooke Soulier, Wallace Greene, Jane Black, Tammy Angeletti.

10:30am–12:30pm Overture

Moderator: Robert Green

10:30am Variation in Withdrawal Discussions in Infants<28 Weeks Gestation Across US Centers


11:00am Mercury, Lead and Cadmium Exposure from Transfusions in the VLBW Infant

Alison J. Falck, Justine Cummins-Oman, Dina El Metwally, Cynthia F. Bearer.

11:15am Small for Gestational Age Newborn Infants Have Lower Cord Blood Irisin Levels Compared To Appropriate and Large for Gestational Age Infants

Kyoung Eun Joung, Helen Christou, Kyung-Hee Park, Andreas Filippaios, Fadime Dincer, Christos S. Mantzoros.

11:30am Vibro-Tactile Stimulation: A Potential Therapeutic Intervention for Neonatal Abstinence Syndrome

Elisabeth Guillen, David Munson, Constance Williams, Ann Jefferies, Thor Hansen, Shigeharu Hosono, Susan Albersheim, Elaine Boyle, Kei Liu, Brian Darlow, Haresh Kirpalani.

11:45am Effectiveness of Routine TORCH Screening for IUGR Infants

Craig Guerin, Micheal M. Espiritu, Elena Wachtel, Sean M. Bailey, Pradeep V. Mally.
**Neonatology: Pulmonary Animal Studies**

10:30am–12:30pm  
**Concerto A/B**

**Moderator: Robyn Cohen & Alfirin Vicencio (Didi)**

10:30am **Significance of Apnea at Birth Following Cesarean Section under General Anesthesia**
Munmun Rawat, Sylvia F. Gugino, Daniel D. Swartz, Carmon Koenigsknecht, Bobby Mathew, Jayaasree Nair, Praveen K. Chandrasekharan, Satyan Lakshminrusimha.

10:45am **Impact of Hyperoxia and Barotrauma on Pulmonary Artery Smooth Muscle Cells (PASMC): Physiologic and Molecular Correlates**

11:00am **Impact of Early Extubation and Reintubation on the Incidence of Bronchopulmonary Dysplasia in Neonates**
Jessica Berger, Paulomi Mehta, Vineet Bhandari.

11:30am **Use of High Flow Nasal Cannula in Preterm Infants: Superiority To CPAP?**
Dalal Taha, Michael Kornhauser, Jay S. Greenspan, Zubair H. Aghai.

11:45am **Resuscitator’s Perceptions and Time for Corrective Ventilation Steps during Simulated Neonatal Resuscitation**
Vinay Sharma, Bobby Mathew, Satyan Lakshminrusimha, Vivien Carriion.

12:00pm **Hemodynamic and Respiratory Variables With Resuscitation Adhering To Oxygen Saturation Guidelines from Neonatal Resuscitation Program (NRP)**
Satyan Lakshminrusimha, Bobby Mathew, Jayaasree Nair, Sylvia F. Gugino, Carmon Koenigsknecht, Munmun Rawat, Praveen K. Chandrasekharan, Daniel D. Swartz.

12:15pm **Hemodynamics and Gas Exchange at Varying Depth of Chest Compressions During Cardiopulmonary Resuscitation in Newborn Piglets**
Bobby Mathew, Melissa F. Carmen, Jayaasree Nair, Daniel D. Swartz, Sylvia F. Gugino, Carmon Koenigsknecht, Vinay Sharma, Satyan Lakshminrusimha.

**Underserved Populations**

10:30am–12:30pm  
**Rhapsody**

**Moderator: Laurie Scheiner & Hilda Slivka**

10:30am **Children’s Home Sleep Environment and Sleep Problems in an Inner City Practice**
Hilda Kabali, Michelle King, Stefan F. Mandakovic, Casandra Arevalo, Matilde Irigoyen.

10:45am **A Pilot Academic-Community Partnership To Advance the DC Healthy Schools Act**
Nisha Narayanan, Jonathan Tatum, Margarita Ramos, Jessica Kim, Nisha Punatar, Michele Mietus-Snyder.

11:00am **Family-Centered Rounds Among Spanish-Speaking Families**
David J. Rapaport, Johan Tijerino, Ashley Anttila, Nusrat Zaman, Iman Sharif.

11:15am **Abstract Withdrawn**

11:30am **Health Status of Newly Resettled Refugee Children in Philadelphia, PA**
Fredrick Dapaah-Siakwan, Sonia Mehra, Morgan Leafe.

11:45am **Creating a Hunger-Free Hospital Model To Reduce Hunger and Promote Healthy Eating**
Hans B. Kersten, Kirsten Johnson-Moore, Elizabeth Oquendo.

12:00pm **Weight Trajectory in Refugee Children After Immigration To the United States**
Ahkila Vasthare, Thao-Ly Phan, Jobayer Hossain, Sandra Hassink, Christopher Raab, George Datto.

12:15pm **Are We Following Guideline Recommendations for Allergy Testing of Inner-City Children With Asthma?**
SAVE THE DATES!

27TH Annual ESPR Meeting
March 20 - 22, 2015
Philadelphia, PA

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