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The Section on Critical Care
CRITICAL CARE NEWS

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**Distinguished Career
Award-Dr. George Lister**

George Lister is currently Director of Pediatric Critical Care Medicine at Yale Medical School. He obtained his M.D. (cum laude) and pediatric residency at Yale, and research training at UCSF in the laboratory of Dr. Abraham Rudolph, where he began his interest in post-natal adaptation to hypoxia. He has received a New Investigator Research Award, an Established Investigator Award, and continuous NIH funding to support his research. He has published >100 research or clinical articles, and recently collaborated with Dr. Gabriel Haddad to edit *Tissue Oxygen Deprivation, From Molecular to Integrated Function*, a monograph summarizing current understanding of developmental differences in response to hypoxia.

Dr. Lister has been Chairman of the American Thoracic Society Section on Critical Care, President of the Society for Pediatric Research, and Editor-in-Chief of *Pediatric Research*, and a member of many research review boards and the Board of Directors of the American Board of Pediatrics, and is one of the Editors of the next edition of RUDOLPH'S Pediatrics textbook. In 1992 he was appointed by the NICHD to Chair the Collaborative Home Infant Monitoring Evaluation, a program to study efficacy of home monitoring for SIDS. He was recently re-appointed and given a special award for leadership by the NICHD Director.

Dr. Lister has a particular interest in academic development, and has directed an NIH funded training grant for 20 years and helped initiate the SPR Student Summer Research program to foster research careers in pediatrics. He has received recognition of these interests through such awards as the Yale Pediatric Faculty Teaching Award, the Blake Award for Most Outstanding Teacher at Yale Medical School, and a Fulbright Fellowship.

1999 New Investigator Research Awards

The 1999 New Investigator Research Award was split between two applicants: Scot Bateman, MD and Neal Thomas, MD. Each investigator will receive \$5000.

These awards will be presented during the section program at the AAP Annual Meeting on Sunday, October 10, 1999 from 1:30-2:00pm.

Dr. Bateman obtained his B.A. from Dartmouth College and his medical degree from Dartmouth Medical School in Hanover, New Hampshire. He completed a residency in pediatrics at Children's Hospital, Boston. He is currently a Clinical Fellow in Anesthesia at Harvard Medical School, Children's Hospital, Boston, completing his third year of pediatric critical care fellowship. His research interest since starting fellowship has been acute lung injury. He has investigated innovative uses of perfluorocarbon partial liquid ventilation combined with high frequency ventilation for the treatment of severe lung injury. More recently, he has been working on a translational research project in the lab of Claire Doerschuk, MD, Associate Professor of Physiology, Harvard School of Public Health, evaluating the roles neutrophil cellular mechanisms and neutrophil/platelet interactions have on their sequestration in the lungs of patients with acute respiratory distress syndrome and acute chest syndrome.

He received the Senior Resident Teaching Award by the Boston Combined Residency Program at Children's Hospital, Boston.

Dr. Thomas graduated from the University of Scranton with a B.S. in Biology and completed his medical school training at Temple University School of Medicine. After completing a residency in Pediatrics at the Medical University of South Carolina and practicing general pediatrics for one year in South Carolina, he finished a fellowship in Pediatric Critical Care Medicine at the Children's Hospital of Pittsburgh. While at Pittsburgh, he developed research interests in the physiologic effects of Type IV Phosphodiesterase Inhibition in whole animal models of sepsis and multiple organ failure. Since joining the faculty at the Pennsylvania State University College of Medicine as an Assistant Professor of Pediatrics in 1998, he has further pursued his interest in multiple organ failure and expanded the scope to cellular and organ inflammation by focusing on a family of proteins called collectins.

1999 Section on Critical Care Meeting Schedule

SATURDAY, OCTOBER 9th

Room 30, Washington Convention Center

2:00 – 4:15 pm Joint Session with Cardiology

Symposium - The ICU Management of the Child with Congenital Heart Disease

Sponsored by Sections on Cardiology, Congenital Heart Surgery, and Critical Care

Moderators: Roger Mee, MB, ChB, FRACS, FAAP and Niranjana Kisson, MD, FAAP

Postoperative Management of Pulmonary Hypertension.

Jon Meliones, MD

Pre/Postoperative management of HLHS/Norwood

Edward Bove, MD

Postoperative Management of Cavopulmonary Anastomosis

Des Bohn, MD,

Myocardial and Central Nervous System Dysfunction after Cardiopulmonary Bypass

Gil Wernovsky, MD

Panel Discussion

SUNDAY, OCTOBER 10th

8:30 am - 5:00 pm

Farragut Square Room, The Grand Hyatt

8:30 - 8:45 am Continental Breakfast

8:45 - 9:00 am Introduction and Welcome:

Niranjana Kisson, MBBS, FAAP, FCCM, FRCP(C)

Morning - Abstract Session I

Moderators: *David Jaimovich, MD, FAAP & Michael O. Gayle, M.D., FAAP*

- 1) **9:00 am Intraosseous is Faster and Easier than Umbilical Venous Catheterization in Newborn Emergency Vascular Access Models**
K.K.Abe, MS; G.T.Blum, BS; L.G.Yamamoto, MD, MPH, FAAP.
Department of Pediatrics, University of Hawaii, John A. Burns School of Medicine Emergency Services, Kapiolani Medical Center for Women and Children, Honolulu, HI.
- 2) **9:15 am Comparing a New Screw-Tipped Intraosseous Needle Versus a Standard Bone marrow Aspiration Needle for Speed and Ease of Establishing Intraosseous Infusion in Two Different Bone Models**
H.W. Jun; A.Z. Haruyama; K.Chang; L.G.Yamamoto, MD, MPH, FAAP.

Department of Pediatrics, University of Hawaii, John A. Burns School of Medicine Emergency Services, Kapiolani Medical Center for Women and Children, Honolulu, HI.

- 3) **9:30 am Ionized Magnesium in Patients Admitted to Pediatric Intensive Care Unit: Do We Need It?** *P.S. Shah, MD, MRCP, MRCPC, DCH; P. Baines, MRCP, FRCA.* Department of Pediatric Intensive Care Unit, Royal Liverpool Children Hospital, Liverpool, United Kingdom.

- 4) **9:45 am Are Infant Transport Patients at Increased Risk for Iatrogenic Related Complications While at Referral Facilities?** *G.B. Zuckerman, MD; B.J. Grossman, MD; F.V. Castello, MD; P.M. Gregory, PhD.* Department of Pediatrics and Family Medicine, Robert Wood Johnson Medical School, New Brunswick, NJ

10:00 - 11:00 am Coffee Break and Poster Review

Morning - Abstract Session II

Moderators: *Tim Yeh, M.D., FAAP & Lynn Hernan, M.D., FAAP*

- 5) **11:00 am Intravenous Nicardipine for Treatment of Systemic Hypertension in Children** *S.C. Satori, MD; T.A. Nakagawa, MD, FAAP; M.J. Solhaug, MD; A.Morris, RN, BSN; R.D. Adelman, MD* Children's Hospital of the King's Daughters, Division of Pediatric Critical Care Medicine and Pediatric Nephrology, Department of Pediatrics, Eastern Virginia Medical School, Norfolk, VA.

- 6) **11:15 am A Cost Savings Projection for Respiratory Syncytial Virus Immunization of Older Children with a History of Bronchopulmonary Dysplasia** *L.Passerotti, MS, ARNP; W.Walters, RN, MS II; V. Desai, MD; A. Otegbeye, MD* Department of Pediatrics, Florida Hospital, Orlando, FL; and MCP-Hahnemann University School of Medicine, Philadelphia, PA.

- 7) **11:30 am Autonomic Manifestations of Spinal Muscular Atrophy** *S. Da-Silva, MD, FAAP; J. Weingarten-Arams, MD, FAAP.* Division of Pediatric Critical Care, Department of Pediatrics, Montefiore Medical Center, Albert Einstein College of Medicine, West Orange, NJ.

- 8) **11:45 am Variation in Asthma Care in Ten U.S. Children's Hospitals** *A. Torres, MD, FAAP; S. Horn, PhD; J. Gassaway; R. Smout.* Department of Pediatrics, University of Illinois College of Medicine at Peoria, IL; and ISIS, Inc., Salt Lake City, UT.

12:00 – 1:30 pm Lunch and Section Business Meeting

1:30 – 2:00 pm **Presentation of Distinguished Career Award and New Investigator Research Awards**

2:00 - 2:30 am **Coffee Break**

Afternoon Abstract Session - Best Abstract/Physician in Training

Moderators: *Niranjan Kissoon, M.D., FAAP & James Fortenberry, M.D., FAAP*

- 9) **2:30 pm** **Energy Metabolism, Nitrogen Balance and Substrate Utilization in Critically Ill Children** *J.A. Coss-Bu, MD; W.J. Klish, MD, FAAP; F. Stein, MD, FAAP; D. Walding, BSBE; R. Sachdeva, MD, FAAP; L.S. Jefferson, MD, FAAP.* Department of Pediatrics, Baylor College of Medicine, Houston, TX.
- 10) **2:45 pm** **Safe Restraint of Pediatric Patients for Ambulance Transport: Interdisciplinary Collaboration in Pediatric Ambulance Transport Safety** *N.R. Levick, MD, FACEM.* Division of Pediatric Emergency Medicine, Johns Hopkins University School of Medicine, Baltimore, MD.
- 11) **3:00 pm** **Epidural Analgesia in Newborns after Congenital Diaphragmatic Hernia Repair Facilitates Pulmonary Preservation Strategy.** *S.M. Goobie, MD; C.S. Houck, MD, FAAP; C. Seefelder, MD.* Department of Anesthesia and Critical Care, Children's Hospital, Boston, MA.
- 12) **3:15 pm** **Contribution of Intraosseous Infusion Rate to Fat Embolism** *M.Y. Hasan, MD; N. Kissoon, MD; V. Saldajeno, MD; T. Khan, MD; K. Sullivan, MD; S. Murphy, PhD.* University of Florida Health Science Center/Jacksonville; Nemours Children's Clinic; and Wolfson Children's Hospital, Jacksonville, FL.
- 13) **3:30 pm** **Comparison of Plasma Levels and Pharmacodynamics after Intraosseous and Intravenous Administration of Fosphenytoin and Phenytoin in Piglets** *T.M.Khan, MD; N. Kissoon, MBBS; M.Y. Hasan, MD; V. Saldajeno, MD; S.P. Murphy, PhD; J. Lima, PharmD.* University of Florida HSC; Nemours Children's Clinic; and Wolfson Children's Hospital, Jacksonville, FL.

3:30 – 4:30 pm **Best Abstract & Physician In Training Awards Presentation**

5:00 pm **Adjourn**

MONDAY, OCTOBER 11th

Room 37, Washington Convention Center

9:00 – 12:00 pm **Joint Session with Home Health**

Section Members & Epidemiology

The Epidemiology Section has become aware of individual members of other sections who have training or expertise in epidemiology, decision analysis, meta-analysis, cost-effective analysis that is potentially of great relevance to the Academy's efforts in guideline or policy development. We are often contacted by the Academy and others for help in locating members with expertise in evidence-based methods in a variety of areas. We would like to request your help in identifying interested individuals in your section who see their primary "home" in the Academy in your section, but might also be interested in serving as a resource in your section area.

Our interest is in expanding our database and access to these individuals, not taking them away from their primary home in your section. Our section does not charge a membership fee at this time. Please let me know if you have any suggestion for contacts. If you have a newsletter, we would appreciate your including this "call for experts". I would be happy to answer any questions.

The most effective way to reach me is via e-mail (rr28k@nih.gov). Interested individuals may contact Robert Sebring, PhD, AAP Section on Epidemiology staff person (847) 981-6784; e-mail (Rsebring@aap.org).

Thank you for your help and cooperation.

Submissions to Critical Care News

Members of the Critical Care Section may submit announcements and articles to Critical Care News. Priority will go to articles of current interest to pediatric critical care practitioners.

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