

## **Recent Graduates**

### **2011**

Sushant Srinivasan, MD – Department of Pediatrics, University of Wisconsin School of Medicine and Public Health/American Family Children's Hospital, Madison, WI

### **2010**

Karen R. Fauman, MD – Department of Pediatrics, Tufts University School of Medicine/Floating Hospital for Children, Boston, MA

Hemanth S. Lingadevaru, MD – Department of Pediatrics, Wright State University Boonshoft School of Medicine/The Children's Medical Center of Dayton, Dayton, OH

### **2009**

Nidal El-wiher, MD – Department of Pediatrics, University of Kansas School of Medicine/The University of Kansas Medical Center, Kansas City, KS

Anna Maslach-Hubbard, MD – Department of Pediatrics, University of Utah School of Medicine/Primary Children's Hospital, Salt Lake City, UT

Patricia L. Raimer, MD – Department of Pediatrics, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University/Cleveland Clinic Children's Hospital, Cleveland, OH

### **2007**

Timothy T. Cornell, MD – Department of Pediatrics & Communicable Diseases, University of Michigan Medical School/C.S. Mott Children's Hospital; Ann Arbor, MI

Geoffrey M. Fleming, MD – Department of Pediatrics, Vanderbilt University School of Medicine/Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, TN

### **2006**

Linda Edwards, MB ChB, MRCP – Paediatric Intensive Care Unit, Birmingham Children's Hospital; Birmingham, UK

Monika Gupta, MBBA – Department of Pediatrics, University of Louisville School of Medicine/Kosair Children's Hospital; Louisville, KY

Angela Lorts, MD – Department of Pediatrics (Cardiology), University of Cincinnati College of Medicine/Cincinnati Children's Hospital Medical Center; Cincinnati, OH

### **2004**

David J. Ubogy, MD – Pediatric Intensive Care Unit, Covenant HealthCare; Saginaw, MI

Gail E. Wright, MD – Department of Pediatrics (Cardiology), Stanford University School of Medicine/Lucile Packard Children's Hospital; Stanford, CA

## **Book Chapters**

**Cornell T**, **Custer J**. Special procedures. In: McNerny TK, Adam HM, Campbell D, Kamat DK, Kelleher KJ, eds. *Pediatric Primary Care*. 5<sup>th</sup> ed. Elk Grove Village, IL: American Academy of Pediatrics. 2009.

**Gupta M**, **Custer J**. Shock. In: McNerny TK, Adam HM, Campbell D, Kamat DK, Kelleher KJ, eds. *Pediatric Primary Care*. 5<sup>th</sup> ed. Elk Grove Village, IL: American Academy of Pediatrics; 2009.

**Lorts A**, **Cornell TT**, **Shanley TP**. Sepsis. In: Rubenstein J, Thomas N, Lucking S, Maffei F, eds. *Pediatric Critical Care Study Guide: Text and Review*. London, UK: Springer-Verlag Publishing; 2009.

**El-wiher N**, **Shanley TP**. Conventional approach to the management of pediatric sepsis. In: *Current Concepts in Pediatric Critical Care 2008*. Chicago, IL: Society of Critical Care Medicine Publishing; 2008:4-12.

**Raimer PL, Shanley TP.** Bispectral monitoring in critical care. In: *Current Concepts in Pediatric Critical Care 2008*. Chicago, IL: Society of Critical Care Medicine Publishing; 2008:89-94.

**Fleming GM,** Phan V, Brophy P. Acute renal failure: Prevention, investigation, and causes of acute renal failure. In: Geary DF, Schaefer F, eds. *Comprehensive Pediatric Nephrology*. Philadelphia, PA: Mosby; 2008.

**Cornell T, Shanley TP.** Signal transduction in critical illness. In: Wheeler DS, **Shanley TP,** Wong HR, eds. *Pediatric Critical Care Medicine: Basic Science and Clinical Evidence*. London, UK: Springer-Verlag Publishing; 2007:150-158.

**Fleming GM, Gupta M, Annich GM.** Coagulation, anticoagulation, and hemorrhage in the intensive care setting. In: Wheeler DS, **Shanley TP,** Wong HR, eds. *Pediatric Critical Care Medicine: Basic Science and Clinical Evidence*. London, UK: Springer-Verlag Publishing; 2007:1296-1312.

**Cornell T.** Pericarditis. In: Zaoutis LB, Chiang VW, eds. *Comprehensive Pediatric Hospitalist Medicine*. Philadelphia, PA: Elsevier; 2007.

## **Manuscripts** (includes publications within 3-years of graduation)

### **2011**

**Benneworth BD,** Gebremariam A, Clark SJ, **Shanley TP,** Davis MM. Inpatient health care utilization for children dependent on long-term mechanical ventilation. *Pediatrics* 2011; 127:e1533-e1541.

**El-wiher N, Maslash-Hubbard A, Cornell TT, Shanley TP.** Definition, epidemiology, and pathophysiology of pediatric sepsis. *The Open Inflammation Journal [In Press]*

**Fauman KR,** Pituch KJ, **Han YY, Niedner MN,** Reske J, **LeVine AM.** Predictors of depressive symptoms in parents of chronically ill children admitted to the pediatric intensive care unit. *Am J Hosp Palliat Care* 2011. [Epub 2011 Mar 30].

**Maslash-Hubbard A, El-wiher N, Shanley TP, Cornell TT.** Negative regulators of the host response to sepsis. *The Open Inflammation Journal [In Press]*

**Raimer PL, Han YY,** Weber MS, **Annich GM, Custer JR.** A normal capillary refill time  $\leq 2$  seconds is associated with superior vena cava oxygen saturations  $\geq 70\%$ . *J Pediatr* 2011;158:968-972. Epub 2011 Jan 15.

**Srinivasan S, Cornell TT.** Bedside ultrasound in pediatric critical care: A review. *Pediatr Crit Care Med* 2011 Jun 9. [Epub ahead of print]

### **2010**

**Cornell TT,** Rodenhouse P, Cai Q, Sun L, **Shanley TP.** Mitogen activated protein kinase phosphatase 2 regulates the inflammatory response in sepsis. *Infection and Immunity* 2010;78:2868-2876. Epub 2010 Mar 29.

**Cornell TT,** Wynn J, **Shanley TP,** Wheeler DS, Wong HR. Mechanisms and regulation of the gene expression response to sepsis. *Pediatrics* 2010;125:1248-1258. Epub 2010 May 17.

**Ostwani W,** Dolan J, Elitsur Y. Familial clustering of habitual constipation: a prospective study in children from West Virginia. *J Pediatr Gastroenterol Nutr* 2010;50:287-289.

Wynn J, **Cornell TT,** Wong HR, **Shanley TP,** Wheeler DS. The host response to sepsis and developmental impact. *Pediatrics* 2010;125:1031-1041. Epub 2010 Apr 26.

### **2009**

**Cornell TT,** Hinkovska-Galcheva V, Sun L, Cai Q, Hershenson MB, Vanway S, **Shanley TP.** Ceramide-dependent PP2A regulation of TNF $\alpha$ -induced IL-8 production in respiratory epithelial cells. *Am J Physiol Lung Cell Mol Physiol*. 2009;296:L849-856. Epub 2009 Mar 13.

**Fleming GM,** Gurney JG, Donohue JE, Remenapp RT, **Annich GM.** Mechanical component failures in 28,171 neonatal and pediatric extracorporeal membrane oxygenation courses from 1987 to 2006. *Pediatr Crit Care Med* 2009;10:439-444.

**Fleming GM**, Salama NN, Eid SK, Cooke KR, Mueller BA. Etanercept clearance during an in vitro model of continuous venovenous hemofiltration. *Blood Purif* 2009;28:348-353. Epub 2009 Sep 1.

**Lorts A**, Burroughs T, **Shanley T**. Elucidating the role of reversible protein phosphorylation in sepsis-induced myocardial dysfunction. *Shock* 2008;32:49-54.

**Lorts A**, Schwanekamp JA, Elrod JW, Sargent MA, Molkentin JD. Genetic manipulation of periostin expression in the heart does not affect myocyte content, cell cycle activity, or cardiac repair. *Circ Res* 2009;104:e1-e7. Epub 2008 Nov 26.

Smith AH, Hardison DC, Worden CR, **Fleming GM**, Taylor MB. Acute renal failure during extracorporeal support in the pediatric cardiac patient. *ASAIO J* 2009;55:412-416.

Brierley J, Carcillo JA, Choong K... **Cornell T** (4/53), **Han Y** (21/53), **Lorts A** (30/53), **Shanley T** (43/53)...  
Zuckerberg A. Clinical practice parameters for pediatric and neonatal septic shock: 2007 update from American College of Critical Care Medicine. *Crit Care Med* 2009;37:666-688.

Nardell K, **Annich GM**, Hirsch JC, Fahrner C, Brownlee P, King K, **Fleming GM**, Gajarski R: Determinants of bleeding in pediatric post-cardiotomy patients requiring ECLS. *Perfusion* 2009;24:191-197.

Khalil SN, Matuszczak ME, Maposa D, Bolos ME, **Lingadevaru HS**, Chuang AZ. Presurgical fentanyl vs caudal block and the incidence of adverse respiratory events in children after orchidopexy. *Paediatr Anaesth* 2009;19:1220-1225.

## **2008**

**Fleming GM**, **Cornell TT**, Welling TH, Magee JC, **Annich GM**. Hepatopulmonary syndrome: Use of extracorporeal life support for life-threatening hypoxia following liver transplantation. *Liver Transpl* 2008;14:966-970.

**Gupta M**, **Shanley TP**, **Moler FW**. Extracorporeal life support for severe respiratory failure in children with immune compromised conditions. *Pediatr Crit Care Med* 2008;9:380-385. Epub 2008 May 19.

## **2007**

**Cornell T**, Wyrick P, **Fleming G**, Pasko D, **Han Y**, **Custer J**, Haft J, **Annich G**. A case series describing the use of argatroban in patients on extracorporeal circulation. *ASAIO J* 2007;53:460-463.

**Edwards L**, Morris KP, Siddiqui A, Harrington D, Brawn W. Norwood procedure for hypoplastic left heart syndrome: BT shunt or RV-PA conduit? *Arch Dis Child Fetal Neonatal Ed* 2007;92:F210-214. Epub 2006 Sep 26.

**Fleming GM**, **Gupta M**, Cooley E, Remenapp R, Bartlett RH, **Annich GM**. Maintaining the standard: a quality assurance study for new equipment in the Michigan ECMO program. *ASAIO J* 2007;53:556-560.

Mayell SJ, **Edwards L**, Reynolds FE, Chakrapani AB. Late presentation of medium-chain acyl-CoA dehydrogenase deficiency. *J Inherit Metab Dis* 2007;30:104. Epub 2006 Nov 30.

Mischler M, **Fleming GM**, **Shanley TP**, Madden L, Levine J, Castle V, Filipovich AH, **Cornell TT**. Epstein-Barr virus induced hemophagocytic lymphohistiocytosis and X-linked lymphoproliferative disease: a mimicker of sepsis and multiple organ dysfunction syndrome in the pediatric ICU. *Pediatrics* 2007;119:e1212-e1218. Epub 2007 Apr 2.

Oka T, Xu J, Kaiser RA, Melendez J, Hambleton M, Sargent MA, **Lorts A**, Brunskill EW, Dorn GW, Conway SJ, Aronow BJ, Robbins J, Molkentin JD. Genetic manipulation of periostin expression reveals a role in cardiac hypertrophy and ventricular remodeling. *Circ Res* 2007;101:313-321. Epub 2007 Jun 14.

## **2006**

**Fleming GM**, Remenapp RT, Bartlett RH, **Annich GM**. Hyperkalemia of the blood-primed ECLS circuit does not result in post-initiation hyperkalemia in infants < 10 kg. *Perfusion* 2006;21:173-177.

**Wright GE**. Inhaled nitric oxide use in bidirectional Glenn anastomosis for elevated Glenn pressures [Comment]. *Ann Thorac Surg* 2006;81:1434-1435.

McLean KM, **Lorts A**, Pearl JM. Current treatments for congenital aortic stenosis. *Curr Opin Cardiol* 2006;21:200-204.

Reinhartz O, Reddy VM, Petrossian E, MacDonald M, Lamberti JJ, Roth SJ, **Wright GE**, Perry SB, Suleman S, Hanley FL. Homograft valved right ventricle to pulmonary artery conduit as a modification of the Norwood procedure. *Circulation* 2006;114(Suppl):1594-599.

## **2005**

**Cornell TT, Shanley TP**. Signal transduction overview. *Crit Care Med* 2005;33(Suppl):S410-413.

**Cornell T**. International travel with infants and children. *Pediatrics In Review* 2005;26:1-2.

**Wright GE**, Nowak CA, Goldberg CS, Ohye RG, Bove EL, Rochinni AP. Extended resection and end-to-end anastomosis for aortic coarctation in infants: results of a tailored surgical approach. *Ann Thorac Surg* 2005;80:1453-1459.

Pauliks LB, Chan KC, **Lorts A**, Elias ER, Cayre RO, Valdez-Cruz LM. Shprintzen-Goldberg syndrome with Tetralogy of Fallot and subvalvar aortic stenosis. *J Ultrasound Med* 2005;24:703-706.

Checchia PA, McCollegan J, Daher N, **Kolovos N**, Levy F, Markowitz B. The effect of surgical case volume on outcome after the Norwood procedure. *J Thorac Cardiovasc Surg* 2005;129:754-759.

## **2004**

**Lorts A**, Pearl JM, **Shanley TP**. Bouncing back from inhaled nitric oxide [Comment]. *Pediatr Crit Care Med* 2004;5:294-295.

**Lorts A**, Pearl JM, **Shanley TP**. Tezosentan, another selective selection for pulmonary hypertension, or not? [Comment]. *Pediatr Crit Care Med* 2004;5:586-588.

**Gupta M**. Saline or albumin in the ICU [Comment]. *AAP Grand Rounds* 2004;12:16-17.

**Wright GE**, Crowley DC, Charpie JR, Ohye RG, Bove EL, Kulik TJ. High systemic vascular resistance and sudden cardiovascular collapse in recovering Norwood patients. *Ann Thorac Surg* 2004;77:48-52.

## **2003**

**Haefner SM**, Bratton SL, **Annich GM**, Bartlett RH, **Custer, JR**. Complications of intermittent prone positioning in pediatric patients receiving extracorporeal membrane oxygenation for respiratory failure. *Chest* 2003;123:1589-1594.

**Kovolos NS**, Bratton SL, **Moler FW**, Bove EL, Ohye RG, Bartlett RH, Kulik TJ. Outcome of pediatric patients treated with extracorporeal life support after cardiac surgery. *Ann Thorac Surg* 2003;76:1435-1441.

**Odetola FO**, **Moler FW**, Dechert RE, VanDerElzen K, Chenoweth C. Nosocomial catheter-related bloodstream infections in a pediatric intensive care unit: risk and rates associated with various intravascular technologies. *Pediatr Crit Care Med* 2003;4:432-436.

## **Published Abstracts** (during fellowship)

### **2011**

**Benneworth BD**, **Shanley TP**, Davis MM. Hierarchical analysis of hospital-level variation in length of stay for children requiring acute mechanical ventilation. E-PAS 2011:3811.85.

**Benneworth BD**, **Shanley TP**, **Odetola FO**, Davis MM. U.S. mortality for children with complex chronic conditions requiring acute mechanical ventilation based on primary admitting diagnosis. E-PAS 2011:3811.86.

**Fauman KR**, Pituch KJ, **Han YY**, **Niedner MN**, Reske J, **LeVine AM**. Predictors of depressive symptoms in parents of chronically ill children admitted to the pediatric intensive care unit. E-PAS 2011:3811.89.

### **2010**

**Benneworth BD**, Clark SJ, **Shanley TP**, Davis MM. U.S. children on long-term mechanical ventilation: Variation in hospital characteristics by age. E-PAS 2010:3715.157.

**Benneworth BD**, Clark SJ, **Shanley TP**, Davis MM. U.S. children on long-term mechanical ventilation: Length of stay, disposition, and charges associated with inpatient hospitalization. *E-PAS* 2010:3505.8.

**Srinivasan S**, Andreatta P, **Cornell T**. Bedside ultrasound for pediatric intensivists: A curriculum for trainees. *E-PAS* 2010:148.

**Benneworth BD**, Davis MM, **Shanley TP**, **Odetola FO**. Acute mechanical ventilation in U.S. children 1997-2006. *Crit Care Med* 38(Suppl):A178.

**Ostwani W**, **Cornell TT**, **Shanley T**. Epigenetic machinery regulating gene expression is altered by an inflammatory stimulus. *Crit Care Med* 38(Suppl):A18.

## **2009**

**Srinivasan S**, **Han Y**, Scott A, Riebschleger M, **Annich G**, Pituch K, Haftel H. Pediatric residents favorably view resident incorporation into medical emergency teams. *Crit Care Med* 2009;37(Suppl):A277.

**Cornell TT**, **El-Wiher N**, Rodenhouse P, Cai Q, **Shanley TP**. Absence of MKP-2 improves survival in two models of sepsis. *E-PAS* 2009:2125.6.

## **2008**

**El-Wiher N**, Cai Q, **Shanley TP**, **Cornell T**. The role of MKP-2 in regulating toll-like receptor (TLR) signaling. *Crit Care Med* 2008;36(Suppl):A30.

**Raimer PL**, **Han YY**, Weber MS, **Custer JR**. Prolonged capillary refill time is associated with central venous saturations < 70%. *Pediatr Res* 2008;64:447.

**Raimer PL**, **Han YY**, Weber MS, **Annich GM**, **Custer JR**. Capillary refill time (CRT) > 2 seconds is associated with central venous saturations < 70%. *Crit Care Med* 2008;36(Suppl):A16.

**Benneworth BD**, **Shanley TP**, Scott A, Wieneke W, Poole A. Analysis of prospectively acquired pediatric quality indicators (PDIs) in a PICU setting. *E-PAS* 2008: 5826.2.

## **2007**

**Maslach-Hubbard A**, Cai Q, **Shanley TP**. The histone deacetylase inhibitor, trichostatin A (TSA), exhibits anti-inflammatory properties via induction of MKP-1 mediated suppression of pro-inflammatory cytokines. *Crit Care Med* 2007;35(Suppl.):A31.

## **2006**

**Cornell TT**, Papez KE, Smoyer WE, Brophy PD, Mottes TA, Pasko DA. Thyroid hormone transmembrane clearance during therapeutic plasma exchange. *Blood Purif* 2006;24:270.

**Cornell TT**, Rodenhouse P, **Shanley TP**. MKP-2 negatively regulates a counter-regulatory pathway of LPS responsiveness. *Crit Care Med* 2006;34(Suppl.):A48.

**Fleming GM**, Remenapp RT, Bartlett RH, **Annich GM**. Hyperkalemia of the blood-primed ECLS circuit does not result in post-initiation hyperkalemia in infants < 10 kg. *E-PAS* 2006;59:4837.127.

**Shanley TP**, Sun L, Van Way S, **Cornell TT**. Elucidating the molecular mechanism by which protein phosphatase, PP2A, regulates LPS-induced TNF- $\alpha$  expression. *Crit Care Med* 2006;34(Suppl.):A45.

## **2005**

**Cornell TT**, Van Way S, Sun L, **Shanley TP**. The serine/threonine phosphatase, PP2A, regulates TNF- $\alpha$ -induced IL-8 expression from respiratory epithelium. *Crit Care Med* 2005;33(Suppl.):A147.

**Gupta M**, **Moler FW**. Extracorporeal life support for severe respiratory failure in children with immune compromised conditions. *Crit Care Med* 2005;33(Suppl.):A11.

**Lorts A**, Burroughs T, **Shanley T**. The activation of myocardial PI3K- $\gamma$  in cecal ligation and puncture induced abdominal sepsis. *Crit Care Med* 2005;33(Suppl.):A140.

**Shanley TP**, Macariola D, **Cornell T**, Zhao B. Interleukin (IL)-10 impairs streptococcal pneumonia clearance by impairing phagocytosis and promoting its growth. *Crit Care Med* 2005;33(Suppl.):A144.

## **Presentations at National Meetings** (during fellowship)

### **2011**

**Ostwani W**, **Cornell TT**, **Shanley T**. Epigenetic machinery regulating gene expression is altered by an inflammatory stimulus. Society of Critical Care Medicine – 40th Critical Care Congress, January 15-19, 2011; San Diego, CA

**Benneworth BD**, Davis MM, **Shanley TP**, **Odetola FO**. Acute mechanical ventilation in U.S. children 1997-2006. Society of Critical Care Medicine – 40th Critical Care Congress, January 15-19, 2011; San Diego, CA

**Benneworth BD**, **Shanley TP**, **Odetola FO**, Davis MM. U.S. mortality for children with complex chronic conditions requiring acute mechanical ventilation based on primary admitting diagnosis. Pediatric Academic Societies Annual Meeting, April 30-May 3, 2011, Denver, CO

**Benneworth BD**, **Shanley TP**, Davis MM. Hierarchical analysis of hospital-level variation in length of stay for children requiring acute mechanical ventilation. Pediatric Academic Societies Annual Meeting, April 30-May 3, 2011, Denver, CO

**Fauman KR**, Pituch KJ, **Han YY**, **Niedner MN**, Reske J, **LeVine AM**. Predictors of depressive symptoms in parents of chronically ill children admitted to the pediatric intensive care unit. Pediatric Academic Societies Annual Meeting, April 30-May 3, 2011, Denver, CO

### **2010**

**Srinivasan S**, **Han Y**, Scott A, Riebschleger M, **Annich G**, Pituch K, Haftel H. Pediatric residents favorably view resident incorporation into medical emergency teams. Society of Critical Care Medicine – 39th Critical Care Congress, January 9-13, 2010; Miami, FL

**Benneworth BD**, Clark SJ, **Shanley TP**, Davis MM. U.S. children on long-term mechanical ventilation: Length of stay, disposition, and charges associated with inpatient hospitalization. Pediatric Academic Societies Annual Meeting, May 1-4, 2010; Vancouver, BC

**Srinivasan S**, Andreatta P, **Cornell T**. Bedside ultrasound for pediatric intensivists: A curriculum for trainees. Pediatric Academic Societies Annual Meeting, May 1-4, 2010; Vancouver, BC

### **2009**

**El-Wiher N**, Cai Q, **Shanley TP**, **Cornell T**. The role of MKP-2 in regulating toll-like receptor (TLR) signaling. Society of Critical Care Medicine – 38<sup>th</sup> Critical Care Congress, January 31-February 4, 2009; Nashville, TN

**Raimer PL**, **Han YY**, Weber MS, **Annich GM**, **Custer JR**. Capillary refill time (CRT) > 2 seconds is associated with central venous saturations < 70%. Society of Critical Care Medicine – 38<sup>th</sup> Critical Care Congress, January 31-February 4, 2009; Nashville, TN

**Maslach-Hubbard A**, **Shanley T**. Glycemic profile and mortality in mice after intraperitoneal endotoxin injection. Pediatric Academic Societies Annual Meeting, May 2-5, 2009; Baltimore, MD.

### **2008**

**Maslach-Hubbard A**, Cai Q, **Shanley TP**. The histone deacetylase inhibitor, trichostatin A (TSA), exhibits anti-inflammatory properties via induction of MKP-1 mediated suppression of pro-inflammatory cytokines. Society of Critical Care Medicine – 37<sup>th</sup> Critical Care Congress, February 2-6, 2008; Honolulu, HI.

**Benneworth BD**, **Shanley TP**, Scott A, Wieneke W, Poole A. Analysis of prospectively acquired pediatric quality indicators (PDIs) in a PICU setting. Pediatric Academic Societies Annual Meeting, May 3-6, 2008; Honolulu, HI

**El-wiher N**, McCaskey D, Igielski D, **Han Y**, **Odetola F**, **Annich GM**. ECLS for severe respiratory failure in confirmed pertussis – Survival in a high mortality group. 19<sup>th</sup> Annual Extracorporeal Life Support Organization (ELSO) Conference, September 22-24, 2008, San Diego, CA

**Raimer PL, Annich GM.** Community acquired methicillin-resistant Staphylococcus aureus sepsis treated with extracorporeal life support (ECLS) and plasma exchange – A report of 2 cases. 19<sup>th</sup> Annual Extracorporeal Life Support Organization (ELSO) Conference, September 22-24, 2008, San Diego, CA

**Raimer PL, Han YY, Weber M, Custer JR.** Prolonged Capillary Refill Time is Associated with Central Venous Saturations <70%, 49<sup>th</sup> Annual Meeting of the Midwest Society for Pediatric Research, October 15-17, 2008, Cleveland, OH

## **2007**

**Cornell TT, Rodenhouse P, Shanley TP.** MKP-2 negatively regulates a counter-regulatory pathway of LPS responsiveness. Society of Critical Care Medicine – 36<sup>th</sup> Critical Care Congress, February 12-17, 2007; Orlando, FL.

**Fleming GM, Magee JC, Annich GM.** Hepatopulmonary syndrome: A case of extracorporeal life support (ECLS) for post liver transplantation life threatening hypoxia. 23<sup>rd</sup> Annual Children's National Medical Center Symposium on ECMO & Advanced Therapies for Respiratory Failure, February 25-March 1, 2007; Keystone, CO.

## **2006**

**Cornell TT, Vanway S, Sun L, Shanley TP.** The serine/threonine phosphatase, PP2A, regulates TNF- $\alpha$ -induced IL-8 expression from respiratory epithelium. Society of Critical Care Medicine – 35<sup>th</sup> Critical Care Congress, January 6-11, 2006; San Francisco, CA.

**Gupta M, Moler FW.** Extracorporeal life support for severe respiratory failure in children with immune compromised conditions. Society of Critical Care Medicine – 35<sup>th</sup> Critical Care Congress, January 6-11, 2006; San Francisco, CA.

**Lorts A, Burroughs T, Shanley T.** The activation of myocardial PI3K- $\gamma$  in cecal ligation and puncture induced abdominal sepsis. Society of Critical Care Medicine – 35<sup>th</sup> Critical Care Congress, January 6-11, 2006; San Francisco, CA.

**Cornell TT, Papez KE, Smoyer WE, Brophy PD, Mottes TA, Pasko DA.** Thyroid hormone transmembrane clearance during therapeutic plasma exchange. 11<sup>th</sup> International Conference on Continuous Renal Replacement Therapies (CRRT), March 2-4, 2006; San Diego, CA.

**Cornell TT, Papez KE, Smoyer WE, Brophy PD, Mottes TA, Pasko DA.** Thyroid hormone transmembrane clearance during continuous veno-venous dialysis vs hemofiltration. 11<sup>th</sup> International Conference on Continuous Renal Replacement Therapies (CRRT), March 2-4, 2006; San Diego, CA.

**Fleming GM, Remenapp RT, Bartlett RH, Annich GM.** Hyperkalemia of the blood-primed ECLS circuit does not result in post-initiation hyperkalemia in infants < 10 kg. Pediatric Academic Societies Annual Meeting, April 29-May 2, 2006; San Francisco, CA.

**Lorts A, Burroughs T, Shanley T.** PP2A attenuates myocardial dysfunction in endotoxemia. Shock Society – 29<sup>th</sup> Annual Conference on Shock, June 3-6, 2006; Broomfield, CO.

**Lorts A.** Myocardial depression in pediatric sepsis: Clinical and molecular advances. Shock Society – 29<sup>th</sup> Annual Conference on Shock, June 3-6, 2006; Broomfield, CO.

**Cornell TT, Wyrick P, Fleming GM, Pasko D, Han Y, Custer J, Haft J, Annich GM.** The use of argatroban for anticoagulation in patients on extracorporeal circuits. Toronto International Symposium on Acute Care – Critical Care 2006, October 25-27, 2006; Toronto, ON.

## **2005**

**Fleming GM, Gupta M, Remenapp R, Cooley E, Bartlett RH, Annich GM.** Comparison of ACT reference ranges for patients on ECMO using Hemochron® 401 and Hemochron® Response models. 21<sup>st</sup> Annual Children's National Medical Center Symposium on ECMO & Advanced Therapies for Respiratory Failure, February 20-24, 2005; Keystone, CO.

**Cornell T, Zautis L, DeWolfe C (Workshop Leaders).** Developing a curriculum workshop. Pediatric Hospital Medicine 2005 Conference, July 28-31, 2005; Denver, CO.

**Lorts A.** The role of PI3K in sepsis-induced myocardial dysfunction. American Academy of Pediatrics National Conference & Exhibition – Section on Cardiology, October 8-11, 2005; Washington, DC.

**2004**

**Cornell T.** Rauch D, Amin A. Development of a national pediatric hospitalist curriculum...an ongoing process. Society of Hospital Medicine 2004 Annual Meeting, April 19-21, 2004; New Orleans, LA.

**Cornell T.** Rauch D, Amin A. Development of a national pediatric hospitalist curriculum. American Academy of Pediatrics National Conference & Exhibition – Section on Hospital Medicine, October 9-13, 2004; San Francisco, CA.