

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*. 5th 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*. 5th 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 ≤ 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 α -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.

Benneyworth 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.

Benneyworth 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.

Benneyworth 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- α 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- α -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- γ 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 – 38th 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 – 38th 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 – 37th 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. 19th 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. 19th 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%, 49th 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 – 36th 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. 23rd 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- α -induced IL-8 expression from respiratory epithelium. Society of Critical Care Medicine – 35th 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 – 35th Critical Care Congress, January 6-11, 2006; San Francisco, CA.

Lorts A, Burroughs T, Shanley T. The activation of myocardial PI3K- γ in cecal ligation and puncture induced abdominal sepsis. Society of Critical Care Medicine – 35th 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. 11th 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. 11th 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 – 29th Annual Conference on Shock, June 3-6, 2006; Broomfield, CO.

Lorts A. Myocardial depression in pediatric sepsis: Clinical and molecular advances. Shock Society – 29th 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. 21st 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.