

**2009-2010**  
**Summary of Scholarly Activities**  
**Department of Pediatrics**

**I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS**

Baliga BS, Haynes J Jr, Obiako B, Mishra N. Combined effects of arginine and hydroxyurea on BFU-E derived colony growth and HbF synthesis in erythroid progenitors isolated from sickle cell blood. *Cell Mol Biol* [Internet]. 2010 Jun [cited 2010 Sep 14];56(Suppl):1290-8. Available from: [http://cellmolbiol.com/liste\\_online\\_papers.php?Id\\_Fascicule=311&Annec=2010](http://cellmolbiol.com/liste_online_papers.php?Id_Fascicule=311&Annec=2010)

Benjamin JT, Gaston DC, Halloran BA, Schnapp LM, Zent R, Prince LS. The role of integrin  $\alpha 8\beta 1$  in fetal lung morphogenesis and injury. *Dev Biol* 2009 Nov 15;335(2):407-17.

Da-Silva SS, Wong R, Coquillon P, Gavrilita C, Asuncion A. Partial-exchange blood transfusion: an effective method for preventing mortality in a child with propofol infusion syndrome. *Pediatrics* [Internet]. 2010 Jun [cited 2010 Sep 14];125(6):e1493-9. Available from: <http://www.pediatrics.org/cgi/content/full/125/6/e1493>

Glascoc FP, Schonwald A, Trimm F, Marks K. Invited review. Making developmental-behavioral screening work in your practice. *Contemp Pediatrics* 2009 Dec;26(12):38-45.

Gordillo R, Kumar J, Woroniecki RP. Disorders of sodium homeostasis. In: Feld LG, Kaskel FJ, editors. *Fluid and electrolytes in pediatrics: a comprehensive handbook*. New York: Humana Press; 2010. Chapter 2. p. 47-65.

Guralnick S, Rushton J, Bale JF Jr, Norwood V, Trimm F, Schumacker D. The response of the APPD, CoPS and AAP to the Institute of Medicine report on resident duty hours. *Pediatrics* 2010 Apr;125(4):786-90.

Hamanaka K, Jian MY, Townsley MI, King JA, Liedtke W, Weber DS, Eyal FG, Clapp MM, Parker JC. TRPV4 channels augment macrophage activation and ventilator-induced lung injury. *Am J Physiol Lung Cell Mol Physiol* 2010 Sep;299(3):L353-62.

Howell D, Kraft M. Antimicrobial and anti-inflammatory effects of antibiotics: a role in asthma therapy. In: Martin RJ, Sutherland ER, editors. *Asthma and infections*. New York: InForma Healthcare Inc.; 2009. Chapter 12. p. 178-94. (*Lung Biology in Health and Disease*, Volume 238).

Kirk J. Your must-know guide to MOC and CME. AAP Resident Report 2009 Fall;19(2):4.

Miller JD, Benjamin JT, Kelly DR, Frank DB, Prince LS. Chorioamnionitis stimulates angiogenesis in saccular stage fetal lung via CC chemokines. Am J Physiol Lung Cell Mol Physiol 2010 May;298(5):L637-45.

Narayanaswamy V, Rettig KR, Bhowmick SK. A lethargic neonate and an infant with seizure. Clin Pediatr 2010 Apr;49(4):396-9.

Xiang B, Zhu H, Shen Y, Miller DT, Lu K, Hu X, Andersson HC, Narumanchi TM, Wang Y, Martinez JE, Wu BL, Li P, Li MM, Chen TJ, Fan YS. Genome-wide oligonucleotide array comparative genomic hybridization for etiological diagnosis of mental retardation: a multicenter experience of 1499 clinical cases. J Mol Diagn 2010 Mar;12(2):204-12.

## II. PUBLISHED ABSTRACTS

Arbizu R, Crews L. Blue rubber bleb nevus syndrome: a rare syndrome with potentially fatal complications diagnosed incidentally. J Investig Med 2010 Feb;58(Suppl 2):410. Abstract no. 190.

Autry B, Weeks S, Adams ME, Chung AM, Karwa R. Evaluation of medication errors and outcomes with sliding scale insulin therapy. 44<sup>th</sup> Midyear Clinical Meeting and Exhibition; American Society of Health-System Pharmacists; 2009 Dec 7; Las Vegas, Nevada. Board 1-003

Bamba RR, Imran H, Rao A. Hemophagocytic lymphohistiocytosis: a tale of three cases. J Investig Med 2010 Feb;58(Suppl 2):396-7. Abstract no. 142.

Bradham K, Imran H, Rao A, Sosnowski J. Case report of gliomatosis cerebri. J Investig Med 2010 Feb;58(Suppl 2):398. Abstract no. 146.

Cauley TN, Jubran I. An unusual presentation of cholecystitis. J Investig Med 2010 Feb;58(Suppl 2):366-7. Abstract no. 35.

Chen TJ, Wang Y, Steen G, Lee A, Tuck- Muller C, Hobart H, Martinez JE. A first case of mosaic double aneuploidy (46,X,+14/46,XX) in a patient with short stature, pigmentary abnormalities, mental retardation, dysmorphic features and hypogonadism. The American Society of Human Genetics 59<sup>th</sup> Annual Meeting 2009 Oct 21; Honolulu, HI. p. 404. Abstract no. 1353/W. Available from: [http://www.ashg.org/2009meeting/pdf/ashg09\\_programguide.pdf](http://www.ashg.org/2009meeting/pdf/ashg09_programguide.pdf)

Connelly R, Turner T, Giardino A, Tran X. It's not just English and Spanish: lessons learned from using health literacy strategies in a communication skills program. J Investig Med 2010 Feb;58(Suppl 2):409. Abstract no. 187.

Cuevas M, Whitehurst RM. Hypotonia as the first sign of transient neonatal myasthenia gravis. J Investig Med 2010 Feb;58(Suppl 2):417. Abstract no. 217.

Dahm PH, Mancao M, Silver F. Herpes simplex type 1 croup with meningitis. J Investig Med 2010 Feb;58(Suppl 2):410. Abstract no. 193.

Duvic M, Crissinger K, Bonfante E, Hamm C, Mancini E, Ponnambalam A. Neonatal hemochromatosis: a rare and potentially fatal cause of neonatal liver failure. J Investig Med 2010 Feb;58(Suppl 2):478. Abstract no. 432.

Fierro-Perez GA, Benjamin JT, Chaplin J, Gebb SA. Ureaplasma increases matrix metalloproteinase 9 in the fetal mouse lung. J Investig Med 2010 Feb;58(Suppl 2):487-8. Abstract no. 465.

Fierro-Perez GA, Benjamin JT, Chaplin JM, Gebb SA. Ureaplasma increases matrix metalloproteinase-9 in the fetal mouse lung mesenchyme. PAS Abstract Archives Online [Internet]. 2010 May 4 [cited 2010 Jun 23]; Available from: [http://www.abstracts2view.com/pas/view.php?nu=PAS10L1\\_3641](http://www.abstracts2view.com/pas/view.php?nu=PAS10L1_3641)

Gebb SA, Decoux A, Waggoner A, Chaplin J, Gillespie MN, Benjamin JT. Mitochondrial DNA integrity is a determinant of branching morphogenesis in fetal rat lungs. Am J Respir Crit Care Med 2010 May 1;181:A4138. Available from: [http://ajrccm.atsjournals.org/cgi/reprint/181/1\\_MeetingAbstracts/A4138.pdf](http://ajrccm.atsjournals.org/cgi/reprint/181/1_MeetingAbstracts/A4138.pdf)

Geiler R, Chung AM, Vidal RS, Falkos SF, Bonfante E. Impact of acid suppression therapy on oral iron supplementation in the pediatric ICU population. 44<sup>th</sup> Midyear Clinical Meeting and Exhibition; American Society of Health-System Pharmacists; 2009 Dec 7; Las Vegas, Nevada. Board 1-004.

Gur I, Markel G, Naveh Y, Shchors I, Eisenkraft A, Eyal FG. A mathematical algorithm for late-onset sepsis detection in very low birth weight infants. PAS Abstract Archives Online [Internet]. 2010 May 4 [cited 2010 Jun 24]; Available from: [http://www.abstracts2view.com/pas/view.php?nu=PAS10L1\\_501](http://www.abstracts2view.com/pas/view.php?nu=PAS10L1_501)

Hannahan BO, Evans W, Costarides A, Mitchell A, Swingle HM. Validity of subjective scoring on the autism diagnostic observation schedule. J Investig Med 2010 Feb;58(Suppl 2):439. Abstract no. 294.

Imran H, Rodriguez V. Risk factors and outcomes in arterial ischemic stroke: a single institution experience. Pediatr Blood Cancer 2010 Mar;54(6):809-10. Poster 159.

Kency F, Savells K. Gulf Coast infant sleep practices. J Investig Med 2010 Feb;58(Suppl 2):395. Abstract no. 137.

Koper-Skladaniec I, Maertens P, Currie J, Falkos S, Vidal R. Neuroimaging in children with tongue fasciculations. J Neuroimaging 2009 Nov 10:63. Available from: <http://www3.interscience.wiley.com/journal/122681313/abstract>

Lal AA, Polski J, Imran H, Wilson F, Rao A. Mixed phenotype acute leukemia (MPAL) initially diagnosed as precursor-B lymphoblastic leukemia. J Investig Med 2010 Feb;58(Suppl 2):401. Abstract no. 157.

Lal CV, Preud'Homme D, Higginbottom L, Blair-Elortegui J. Vitamin D25 (OH) level in an obese pediatric population does not correlate with markers of insulin resistance. J Investig Med 2010 Feb;58(Suppl 2):388-9. Abstract no. 114.

Lal CV, Preud'Homme D, Higginbottom L, Blair-Elortegui J. Vitamin D25 (OH) in an obese pediatric population living below 35 degrees latitude during the summer. J Investig Med 2010 Feb;58(Suppl 2):448. Abstract no. 326.

Moya DA, Crews L, Trammell K. Grisel's syndrome: subluxation of the cervical spine associated with streptococcal pharyngitis. J Investig Med 2010 Feb;58(Suppl 2):412-3. Abstract no. 201.

Moya DA, Ponnambalam A, Crissinger K, Bonfante E. A rare disorder presenting with upper gastrointestinal bleeding. J Investig Med 2010 Feb;58(Suppl 2):514. Abstract no. 560.

Mould DR, Weisman LE, Bloom B, Eyal FG, Polack M, Fretz J, Sei C, Kokai-Kun JJ, Mond JJ. Predicted and measured pagibaximab serum levels in high risk neonates. PAS Abstract Archives Online [Internet]. 2010 May 4 [cited 2010 Jun 24]; Available from: [http://www.abstracts2view.com/pas/view.php?nu=PAS10L1\\_2959](http://www.abstracts2view.com/pas/view.php?nu=PAS10L1_2959)

Preud'Homme D, Pettry A, Higginbottom L, Torres M, Phelps LA, Blair-Elortegui J. Is breakfast skipping a family affair? Obesity 2009 Nov;17(Suppl 2):S223.

Preud'Homme D, Pettry A, Higginbottom L, Torres M, Phelps LA, Blair-Elortegui J. Are we directing dietary education for children with obesity at the right audience? Obesity 2009 Nov;17(Suppl 2):S224-5.

Rao A, O'Brien M, Freed C, Trimm RF. Barriers to acculturation of international medical graduates in pediatric residency training. J Investig Med 2010 Feb;58(Suppl 2):459. Abstract no. 365.

Rao A, Trimm RF. Nurse attitudes regarding international medical graduates. J Investig Med 2010 Feb;58(Suppl 2):459. Abstract no. 366.

Ross A, Preud'Homme D, Higginbottom L. Hemoglobin A1C: a simple cost effective measure of insulin resistance (IR) in obese children? J Investig Med 2010 Feb;58(Suppl 2):390-1. Abstract no. 121.

Schambeau LN, Rao A. A study on the trends of hospital acquired infections in Mobile, Alabama. J Investig Med 2010 Feb;58(Suppl 2):475. Abstract no. 421.

Styers SE, Rettig K, Bhowmick S. Prolactinomas in adolescent girls. J Investig Med 2010 Feb;58(Suppl 2):391-2. Abstract no. 124.

Wagner J, Chung AM, Karwa R, Lorenz R. Prospective assessment of the incidence and effect of post-partum depression on women infected with human immunodeficiency virus. 44<sup>th</sup> Midyear Clinical Meeting and Exhibition; American Society of Health-System Pharmacists; 2009 Dec 7; Las Vegas, NV. Board 1-006.

Wilson E, Bodet CA, Karwa R, Chung AM, Durant CE. A prospective evaluation of vancomycin dosing and kinetics in an obese population. 44<sup>th</sup> Midyear Clinical Meeting and Exhibition; American Society of Health-System Pharmacists; 2009 Dec 8; Las Vegas, NV. Board 7-005.

Zayek MM, Maertens P, Eyal FG. Normative values for different brain structures in preterm infants. PAS Abstract Archives Online [Internet]. 2010 May 3 [cited 2010 Jun 24]; Available from: [http://www.abstracts2view.com/pas/view.php?nu=PAS10L1\\_187](http://www.abstracts2view.com/pas/view.php?nu=PAS10L1_187)

### III. PUBLISHED BOOKS

### IV. INVITED PRESENTATIONS

Anderson S. Invited speaker. Talking realistically to parents. Early Intervention Council Meeting; 2010 Jun 9; Mobile, AL.

Benjamin JT. Invited speaker. Home apnea monitoring: role in management of the high risk infant. Alabama Baby Coalition 2<sup>nd</sup> Annual Continuing Education Infant Mortality Conference; 2010 Mar 19; Mobile, AL.

Bhowmick S. Invited speaker. Abnormal sexual differentiation. Pediatrics Board Review, Louisiana State University School of Medicine 25<sup>th</sup> Anniversary; 2010 Aug 10; New Orleans, LA.

Bhowmick S. Invited speaker. Evaluation of growth and its disorder. Pediatrics Board Review, Louisiana State University School of Medicine; 2010 Aug 10; New Orleans, LA.

Bhowmick S. Invited speaker. Diabetes and management of diabetic ketoacidosis. Pediatrics Board Review, Louisiana State University School of Medicine 25<sup>th</sup> Anniversary; 2010 Aug 10; New Orleans, LA.

Bhowmick S. Invited speaker. Disorder of puberty. Pediatrics Board Review, Louisiana State University School of Medicine 25<sup>th</sup> Anniversary; 2010 Aug 10; New Orleans, LA.

Bhowmick S. Invited speaker. Hypo and hypercalcemia, rickets, hypo and hyperparathyroidism. Pediatrics Board Review, Louisiana State University School of Medicine 25<sup>th</sup> Anniversary; 2010 Aug 10; New Orleans, LA.

Connelly R. Invited speaker. Breast feeding. Health Literacy Seminar; 2010 Sep 30; Mobile, AL.

Connelly R. Invited speaker. Health literacy. Health Literacy Seminar; 2010 Sep 30; Mobile, AL.

Estrada B. Invited speaker. Unusual presentation of pediatric infectious disease. Driscoll's Children's Hospital Pediatric Infectious Diseases Seminar; 2009 Nov 13; Corpus Christi, TX.

Estrada B. Invited speaker. Update: vaccine preventable diseases in patients with sickle cell disease. Sickle Cell Disease Practical Issues X - Casting the Net; 2010 Apr 24; Mobile, AL.

Eyal FG. Invited speaker. Use of hypothermia in the neonate. Thomas Hospital; 2010 Feb 26; Fairhope, AL.

Falkos S. Invited speaker. Seizures. Outreach Gulfport; 2009 Nov 24; Gulfport, MS.

Howell DL. Invited speaker. Food allergies driving you nuts? USA Med School Café, Christ United Methodist Church; 2010 Jan 19; Mobile, AL.

Howell DL. Invited speaker. Food allergy: the detection and management of a growing epidemic. Alabama Chapter, AAP Spring Meeting & Pediatric Update; 2010 Apr 18; Sandestin, FL.

Howell DL. Invited speaker. Anaphylaxis: killer allergy. Alabama Chapter, AAP 2010 Annual Meeting & Fall Pediatric Update Meeting; 2010 Sep 26; Birmingham, AL.

Imran H. Invited speaker. Management of sickle cell disease in children. Sickle Cell Counselor/Educator Certification Course, Sickle Cell Association of America, Mobile Chapter; 2009 Dec 10; Mobile, AL.

Imran H. Invited speaker. Splenic sequestration crisis: a dreadful complication of sickle cell disease. Sickle Cell Disease Practical Issues X - Casting the Net; 2010 Apr 24; Mobile, AL.

Kaulfers A. Invited speaker. Novel association of insig-2 polymorphism with LDL and cholesterol in children. Annual Pediatric Academic Societies' Meeting; 2010 May 1; Vancouver, BC.

Kirk J. Invited speaker. Health and wellness. Junior League of Mobile, Women Empowering Girls Conference; 2009 Oct 24; Mobile, AL.

Kirk J. Invited speaker. USA SCAN unit. Mobile Child Advocacy Center's Lunch and Learn; 2010 Feb 11; Mobile, AL.

Mancao M. Invited speaker. Review of the clinical presentation, diagnosis, and treatment of tuberculosis in children and adolescents. Mobile County Public Health Conference; 2010 Apr 28; Mobile, AL.

Martinez J. Invited speaker. Autism and the new genomics. USA Autism Interest Group; 2010 May 14; Mobile, AL.

Preud'Homme D. Invited speaker. Obesity and cardiovascular health. Springhill College, Department of Biology; 2009 Nov 11; Mobile, AL.

Preud'Homme D. Invited speaker. Atherosclerosis. Springhill College, Department of Biology; 2009 Nov 17; Mobile, AL.

Preud'Homme D. Invited speaker. Liver failure. Springhill College, Department of Biology; 2009 Nov 20; Mobile, AL.

Preud'Homme D. Invited speaker. GI disorders in patients with autism. Alabama Autism Society; 2010 Jan 15; Mobile, AL.

Preud'Homme D. Invited speaker. Where is the BILI? AAP, Practical Pediatrics CME Course; 2010 May 27; Hilton Head Island, SC.

Preud'Homme D. Invited speaker. Obesity: what works? AAP, Practical Pediatrics CME Course; 2010 May 27-29; Hilton Head Island, SC.

Preud'Homme D. Invited speaker. Protein allergy. AAP, Practical Pediatrics CME Course; 2010 May 28; Hilton Head Island, SC.

Preud'Homme D. Invited speaker. GER in infancy. AAP, Practical Pediatrics CME Course; 2010 May 29; Hilton Head Island, SC.

Preud'Homme D. Invited speaker. Childhood obesity. Mobile Infirmiry Medical Center Continuing Education Nursing Seminar; 2010 Jun 7; Mobile, AL.

Rettig KR. Invited speaker. Growth hormone. Springhill College; 2009 Oct 9; Mobile, AL.

Swingle H. Participant in a public service video. Preparing to visit your healthcare provider. Produced by the UAB College of Public Health, as part of the Health Services Training Project; 2010 Apr 19; Birmingham, AL. Available from: [www.youtube.com/UCPBirmingham](http://www.youtube.com/UCPBirmingham)

Trimm RF. Invited speaker. Developmental outcomes of late preterm birth. Pediatric Grand Rounds, SUNY Stony Brook; 2010 Mar 31; Stony Brook, NY.

Trimm RF. Invited speaker. Pediatric psychosocial issues. Pediatric Residency Conference, SUNY Stony Brook; 2010 Mar 31; Stony Brook, NY.

Wilson F. Invited speaker. Overview of sickle cell disease. Novartis Pharmaceuticals Phase II New Hire Training Session; 2009 Oct 14; Florham Park, NJ.

Wilson F. Invited speaker. Overview of thalassemia. Novartis Pharmaceuticals Phase II New Hire Training Session; 2009 Oct 14; Florham Park, NJ.

Wilson F. Invited speaker. Improving quality of care in sickle cell disease: the role of blood transfusion. Emory University Children's at Eggleston and the Aflac Cancer Center; 2009 Oct 28; Atlanta, GA.

Wilson F. Invited speaker. Iron overload management. Emory University Children's at Eggleston and the Aflac Cancer Center; 2009 Oct 28; Atlanta, GA.

Wilson F. Invited speaker. Improving quality of care in sickle cell disease: the role of blood transfusion. North Okaloosa Medical Center; 2009 Dec 2; Crestview, FL.

Wilson F. Invited speaker. Iron overload management. North Okaloosa Medical Center; 2009 Dec 2; Crestview, FL.

Wilson F. Invited speaker. Medical terminology. Sickle Cell Counselor/Educator Certification Course, Sickle Cell Association of America, Mobile Chapter; 2009 Dec 7; Mobile, AL.

Wilson F. Invited speaker. History of sickle cell disease. Sickle Cell Counselor/Educator Certification Course, Sickle Cell Association of America, Mobile Chapter; 2009 Dec 7; Mobile, AL.



Wilson F. Invited speaker. Introduction to genetics. Sickle Cell Counselor/Educator Certification Course, Sickle Cell Association of America, Mobile Chapter; 2009 Dec 9; Mobile, AL.

Wilson F. Invited speaker. Improving quality of care in sickle cell disease: the role of blood transfusion. Baptist Hospital Infusion Center; 2009 Dec 9; Montgomery, AL.

Wilson F. Invited speaker. Iron overload management. Baptist Hospital Infusion Center; 2009 Dec 9; Montgomery, AL.

Wilson F. Invited speaker. Treatment options for iron overload. AFLAC Cancer Center and Blood Disorders Service at Children's Hospital at Scottish Rite; 2010 Jan 21; Atlanta, GA.

Wilson F. Invited speaker. Overview of sickle cell disease. Novartis Pharmaceuticals Phase II New Hire Training Meeting; 2010 Feb 15; Basking Ridge, NJ.

Wilson F. Invited speaker. Overview of thalassemia. Novartis Pharmaceuticals Phase II New Hire Training Meeting; 2010 Feb 15; Basking Ridge, NJ.

Wilson F. Invited speaker. Sickle cell disease and iron overload: transition to adulthood. University of Southern California Keck School of Medicine; 2010 Feb 26; Los Angeles, CA.

Wilson F. Invited speaker. Treatment options for iron overload. University of South Florida; 2010 Mar 10; Jacksonville, FL.

Wilson F. Invited speaker. Integrating treatment strategies & sharing best practices for patients with sickle cell disease. Oklahoma State University Health Sciences Center; 2010 Mar 25; Tulsa, OK.

Wilson F. Invited speaker. Integrating treatment strategies & sharing best practices for patients with sickle cell disease. University of Oklahoma; 2010 Mar 25; Oklahoma City, OK.

Wilson F. Invited speaker. Treatment options for iron overload. Columbus Regional Healthcare System, John B. Amos Cancer Center; 2010 Apr 1; Columbus, GA.

Wilson F. Invited speaker. Take control of your future: living with sickle cell disease. Be Sickle Smart Empowerment Day, Sickle Cell Associations from Oakland, San Francisco, Los Angeles and Sacramento; 2010 May 1; Los Angeles, CA.

Wilson F. Invited speaker. Pain management in sickle cell disease. Be Sickle Smart Empowerment Day, Sickle Cell Associations from Oakland, San Francisco, Los Angeles and Sacramento; 2010 May 1; Los Angeles, CA.

Wilson F. Invited speaker. Overview of sickle cell disease. Quintiles Transnational Corporation Clinical Nurse Educator Meeting; 2010 May 6; Parsippany, NJ.

Wilson F. Invited speaker. Overview of thalassemia. Quintiles Transnational Corporation Clinical Nurse Educator Meeting; 2010 May 6; Parsippany, NJ.

Wilson F. Invited speaker. Take control of your future: living with sickle cell disease. Be Sickle Smart Empowerment Seminar, Sickle Cell Associations from Baton Rouge, New Orleans, Monroe/Shreveport, Lake Charles/Alexandria/Lafayette; 2010 Jun 4; Baton Rouge, LA.

Wilson F. Invited speaker. Pain management in sickle cell disease. Be Sickle Smart Empowerment Seminar, Sickle Cell Associations from Baton Rouge, New Orleans, Monroe/Shreveport, Lake Charles/Alexandria/Lafayette; 2010 Jun 4; Baton Rouge, LA.

## V. NATIONAL PROFESSIONAL RECOGNITION

Stephanie Anderson serves on the Alabama Interagency Autism Coordinating Council (AIACC), Standards of Practice, Diagnostic Clinics Workgroup charged with drafting standards of practice for autism diagnostic clinics in the state of Alabama.

Samar Bhowmick is a reviewer for *Clinical Pediatrics*, *Pediatrics*, *Journal of the Southern Medical Association*, and *Asian Journal of Andrology*. He served on Group Sessions at the Pediatric Endocrinology in Review at the Pediatrics Board Review, Louisiana State University School of Medicine 25<sup>th</sup> Anniversary, August 11-14, 2010 in New Orleans, LA.

Judy Blair continues to serve as a member of the State of Alabama Obesity Task Force (Alabama Department of Public Health). She also served as a Workshop and an Abstract reviewer, as well as a Clinical Vignette Reviewer, Poster Session, for the Southern Society of General Internal Medicine Annual Meeting.

Allison Chung serves as Chair on the American College of Clinical Pharmacy (ACCP) Pediatric Practice and Research Network (PRN); and Education and Training (PRN). She continues to serve on the American Society of Health-System Pharmacists (ASHP); Pharmacists Association of Mobile County (PAMC); American Association of Colleges of Pharmacy (AACCP); Pediatric Pharmacy Advocacy Group (PPAG); Alabama Society of Health-System Pharmacists; and American College of Clinical Pharmacy (ACCP). Dr. Chung also serves as Associate Editor for *Clinical Medicine: Pediatrics*; and ASHP 2009 MCM Poster Abstract Reviewer.

Loran Clement served on the Alabama Medicaid "Together for Quality" Task Force. He also serves as the asthma expert for the Asthma Pilot Project, Chapter Quality Network initiative of the American Academy of Pediatrics, Alabama Chapter.

LaDonna Crews serves as a Board Member, American Academy of Pediatrics, Alabama Chapter Residency Program Representative.

Karen Crissinger is a Reviewer for the *Journal of Pediatric Gastroenterology and Nutrition*, and *American Journal of Physiology*.

Benjamin Estrada continues to serve as the Institutional Representative and as an elected council member to the Southern Society for Pediatric Research. He is a member of the Scientific Advisory Council of the Society for Clinical Pediatrics. He serves as alternate institution representative and member of the curriculum task force of the Committee on Medical Student Education in Pediatrics (COMSEP). Dr. Estrada is a Reviewer for *Clinical Pediatrics*, *Infectious Diseases in Clinical Practice*, *Infection Control and Hospital Epidemiology*, *Pediatric Infectious Diseases Journal*, *MedEdPortal*, and *Respiratory Research*.

Charles Hamm is a Reviewer for *Clinical Pediatrics*. He is the Institutional Representative to the Vermont Oxford Neonatal Network.

Jessica Kirk serves as the American Academy of Pediatrics (AAP) SOMSRFT District X Coordinator and Medical Home Subcommittee Chairperson. She serves as CATCH Facilitator for the State of Alabama, and as the AL Chapter Young Physician Co-Chairperson of the AAP. Dr. Kirk also serves on the AAP Council on Community Pediatrics and the SOYP Nominating Committee.

Mary Mancao serves on the Alabama Department of Public Health Sexually Transmitted Diseases Medical Advisory Council.

Thomas Martinko chairs the Adolescent Committee for the Alabama Chapter of the AAP. He is a member on the Drugs, Alcohol and Tobacco Committee for the Society for Adolescent Health and Medicine, and Physician for the Teen Transition Clinic at the Mobile Children's Rehabilitation Service.

Keith Peevy serves on the Alabama Baby Coalition Task Force, Sub-Committee Task Force Community Action Team.

Anand Ponnambalam serves as a member of the Motility Committee of NASPGHAN.

Daniel Preud'Homme serves as Co-Chair of the Council on School Health, Alabama Chapter, American Academy of Pediatrics.

Kenneth Rettig serves as a Reviewer for *Clinical Pediatrics*.

Katherine Savells serves on the Alabama Chapter, American Academy of Pediatrics Breastfeeding Committee.

Hanes M. Swingle is a Reviewer for the *Journal of Developmental-Behavioral Pediatrics*, *the Maternal and Child Health Journal*, and *the Pediatric Academic Society Annual Meeting*. He serves as Chair of the Diagnostic Clinic Workgroup of the AIACC Standards of Practice Committee, which is drafting standards of practice for autism diagnostic clinics in Alabama. He serves as a member of the Region IV Perinatal Advisory Committee and the Alabama Baby Coalition, Autism Providers Network, and as a member of the Alabama Interagency Autism Coordinating Council (AIACC). Dr. Swingle also serves on the Advisory Board for Learning Tree, Inc. and the Board of Directors of Chrysalis Academy.

R. Franklin Trimm serves on the Accreditation Council for Graduate Medical Education (ACGME) Pediatric Residency Review Committee. He is the recipient of a 2010 AAP Pediatric Education Special Recognition Certificate. He serves as Co-Director for the AAP PediaLink Resident Center (National website for resident completion of ACGME required Individualized Learning Plan [ILP]). He is Chair of the Education Committee of the Society of Developmental-Behavioral Pediatrics (SDBP), and he is a member of the SDBP Program Planning Committee. He served as Co-Editor for the American Academy of Pediatrics Developmental-Behavioral Pediatrics Self-Assessment. He is Chairperson of the DB PREP 2010 Planning Committee. He is a member of the AAP Committee on Pediatric Education (COPE). He continues to serve as a Faculty Member, Pediatric Academic Societies Educational Scholars Program, and he is again a member of the Project Team for revision of the Ambulatory Pediatric Association's Educational Guidelines for Residency Training in General Pediatrics. He serves as a Manuscript Reviewer for the *Journal of Developmental & Behavioral Pediatrics*, *Academic Pediatrics*, *Academic Medicine*, and *Journal of Graduate Medical Education*.

Rosa Vidal serves on the Ronald McDonald House Board of Directors.

Felicia Wilson continues to serve on the Alabama State Sickle Cell Disease Oversight & Regulatory Commission and as Co-Chair of the Education Committee. She also served as a member of the State of Alabama Newborn Screening Advisory Committee; Co-Chair of Hemoglobinopathy Subcommittee. She serves as Chair of the National Advisory Committee for Hemoglobinopathy Trait Education and Counselor Certification member of Subcommittee, Chair of Adolescent Follow-up.

She served this year as a webcast Sickle Cell Disease Expert Panelist. Dr. Wilson was selected as the White Coat Ceremony Speaker for the USA College of Medicine Class of 2012.

Michael Zayek is on the Regional IV Perinatal Advisory Council and the State Perinatal Advisory Committee. He serves as a Reviewer for *Clinical Pediatrics*.

## **VI. BRIEF SUMMARY OF ACTIVITIES AND PROGRESS**

The Department of Pediatrics welcomed new faculty members in 2010. Dr. April Ross joined the Division of General Pediatrics; Dr. Anne-Marie Kaulfers joined the Division of Pediatric Endocrinology, and Dr. Abdul Hafeez Siddiqui accepted a position in Pediatric Hematology/Oncology to replace Dr. Aarati Rao. A new Division of Genetics, directed by Dr. José Martinez, was also established.

The following Pediatric Faculty members were recognized by the COM students as Distinguished Faculty at the 2010 Honors Convocation: Drs. Samar Bhowmick, Judy Blair-Elortegui, Loran Clement, Lloyd Scott Clements, LaDonna Crews, Benjamin Estrada, Grace Hundley, Ihab Jubran, Aarati Rao and Franklin Trimm. Special recognition was given to Dr. Mary Mancao, who was presented the Leonard Tow Humanism in Medicine Award at the Honors Convocation. The sixteenth recipient of the Hollis J. Wiseman Award for Excellence in Pediatrics during the Pediatric Clerkship was Jamie Brooke Caudill.

Twelve of the graduating medical students chose residencies in pediatrics or combined Medicine-Pediatrics. Of the pediatric residents completing residency this year, one entered private practice, five entered fellowship training, one entered a hospitalist program, and one joined the Department as Chief Resident. All three graduating Medicine-Pediatrics residents entered private practice. On July 1, 2010, nine first-year residents entered the pediatric residency program, and three first-year residents entered the combined Medicine-Pediatrics residency program.

Dr. April Ross completed her duties as Pediatric Chief Resident, and Dr. Jennifer Currie was named Chief Resident for the coming year.

The scholarly activity of the Department of Pediatrics during the past year was productive. There were 12 original articles or book chapters and 35 abstracts published by faculty members of the department.

Clinical operations of the Department of Pediatrics continued to grow during the past year. Ambulatory visits exceeded 48,000, an increase of 10% over the previous year. Activities of the in-patient service, neonatal intensive care unit, and pediatric intensive care unit at the USA Children's and Women's Hospital remained robust.

Programs comprising the Center for Chronic Diseases in Children have also expanded. These programs are devoted to designing and implementing new approaches for delivering comprehensive healthcare to children who suffer from chronic health disorders such as asthma, diabetes, obesity, autism, HIV/AIDS, and sickle cell disease.

The USA Breathmobile, a novel school-based community outreach program for children with asthma, completed its fourth year. Over 850 children with asthma have been evaluated and treated at 31 elementary, middle, or high schools in this region. Our program is a partner in a national network for the study and development of improved asthma care practices.

Major goals for the coming year include: 1) Implementation of electronic patient management applications that integrate patient care activities, clinical data collection, patient education, and, most importantly, that improve health outcomes; 2) Adaptation of clinical and educational programs to meet new national medical education standards and mandates; and 3) Enhance the regional role and national prominence of the USA Department of Pediatrics as an advocate and resource for efforts that champion the best interests of children. The department will continue to seek productive alliances with others in the community who are dedicated to this goal.