

# KU Pediatrics Research and Scholarship Update

The University of Kansas Medical Center  
Department of Pediatrics

As of June 30, 2008



## Current Pediatric Grants/Contracts Fiscal Year 2008

<b>Barnard, M. (PI) s</b> “Writing Interventions for Teens whose Parent Have Cancer” Turning Points – Total direct costs: \$5,000	07/01/04-6/30/08
<b>Davis, A.M. (PI)</b> “Enhancing Nutrition and Activity of Rural Children” NIH/NIDDK - Total direct costs: \$566,721	4/15/05-04/14/10
<b>Davis, A.M. (Co-Investigator)</b> “Effectiveness of a Treatment of Pediatric Obesity” DHHS - Total costs: \$737,466	12/31/06-12/31/09
<b>Davis, A.M. (Co-Investigator)</b> “Responding to the crisis: Training school nurses to provide nutrition and exercise information to children and families” Health Care Foundation of Greater Kansas City Total cost \$114,993	1/17/08-7/16/09
<b>Davis, A.M. (PI)</b> “Healthy Hawks Pediatric Obesity Clinic” Health Care Foundation of Greater Kansas City Total Costs \$220,000	12/16/07-12/17/09
<b>Davis, K. (PI)</b> “Connected Kansas Kids: Connecting Schools and Students with Special Health Needs” Kan-Ed - Total direct costs: \$100,000. ** see website at <a href="http://www.connectedkansaskids.com">www.connectedkansaskids.com</a>	
<b>Ellerbeck, Kathryn (PI)</b> “Sex Differences in Autism: Potential Role of Oxytocin Signaling” Cure Autism Now Foundation - Total direct cost: \$27,612	12/31/07
<b>Harty, J. (PI) – KU Endowment Association</b> Francis Family Foundation - \$50,000 Reading is Fundamental - \$59,400 Reach Out and Read - \$36,000	7/1/07 to 6/30/08 9/1/07 to 8/31/08 10/1/07 to 6/30/08

**Johnson, C. (PI)** 7/1/06-6/30/08  
 “Pediatric Consultation, PKU, Seizure, Rheumatology/Cardiology Outreach”  
 KDHE - Total direct costs: \$125,362

**Sawyer, Tama (PI)** 9/1/2005-8/31/08  
 “Poison Control Stabilization and Enhance”  
 Poison Control Center – Total direct costs: \$161,566

**Sawyer, Tama. (PI)** 8/31/06-8/31/08  
 “Mid America Poison Control Center – Support of Center”  
 KDHE - Total direct costs: \$134,000

**Lindsley, C. (PI)** 7/29/03-12/31/08  
 “Juvenile RH North Short Long Island Jewish Health”  
 Total direct costs: \$390

**Nelson, E. (PI)** 2006-2008  
 “Teaching Tool for Cultural Competence, Aetna Foundation Regional Community Health”  
 TeleKidcare - Total direct costs: \$40,000

**Nelson, E. (PI)** 7/1/06-1/31/09  
 Implementing the American Academy of Pediatrics Attention-Deficity/Hyperactivity Disorder Diagnostic Guidelines in a School-based Telemedicine Clinic.  
 Children’s Miracle Network-\$9,980

**Okonkwo, K. (PI )** 7/1/07-6/30/08  
 “Cerebral Microvascular Acclimitazation to Chronic Systemic Hypoxia: The Role of Nitric Oxide Synthase (iNOS) Upregulation”  
 Children’s Miracle Network - \$5,350

**Parimi, Prabhu (PI)** 4/4/08-4/30/09  
 “Clinical Pilot and Lied Science”  
 KUMC - \$35,000

**Rapoff, M. (PI), Bickel, J (Co-Investigator)** 8/1/04-4/30/09  
 "Headstrong Intervention for Recurrent Pediatric Headache"  
 R01, National Institute of Neurological Disorders and Stroke-Total costs: \$150,000 (1 year)

**Rapoff, M (PI) & Wasson, MC (Co-PI)** 7/1/06-12/31/08  
 “A minimal contact cognitive-behavioral intervention for pediatric functional gastrointestinal disorders: A pilot study of Gutstrong.”  
 Children’s Miracle Network - \$9,963

**Rapoff, M (PI)** 7/1/07-5/30/08  
 “Jointstrong Intervention for Juvenile Arthritis”  
 American college of Rheumatology-\$2,500

**Rapoff, M (PI), Lindsley, C (Co-PI), Belmont, J (Co-PI)** 4/1/08-3/31/2010  
 “Jointstrong Intervention for Juvenile Arthritis”  
 R21, NIH, National Institute of Arthritis and Musculoskeletal and Skin Disease - \$100,000

<b>Raghuveer, T. (PI)</b>	9/1/02-1/31/08
“Do Dietary components influence the severity of oxygen-induced vascular pathology in newborn rat retina” KUMC School of Medicine Bridging Grant - \$10,000	
<b>Scheinman, Jon (PI)</b>	9/1/06-8/31/08
“Effect of Pyridoxamine in Oxalate excretion in Stone Diseases and Hyperoxaluria” NIH - Medical City Dallas Hospital. Total direct costs: \$286,130	
<b>Scotten, M. (Co-Investigator)</b>	7/1/05-6/30/08
“Cystic Fibrosis” Cystic Fibrosis Foundation – Total direct costs: \$49,070	
<b>Shaw, P (PI)</b>	7/07-6/08
“Development Screening” Kansas Health Foundation (administered by KAAP) \$24,000	
<b>Staker, M. (PI)</b>	7/07 – 6/08
“Project EAGLE Early Head Start” Including “Early Head Start Oral Health Initiative” DHHS/ACF/Head Start Bureau - \$1,748,620 Kansas Department of SRS - \$830,825	
<b>Staker, M. (PI)</b>	7/07 – 6/08
“Project HOPE” KDHE - \$98,034	
<b>Staker, M. (PI)</b>	6/07 – 5/08
“Healthy Start” Maternal Child Health Coalition - \$175,000	
<b>Staker, M. (PI)</b>	3/04 – 2/09
“Centralized Intake and Referral System DHHS/HRSA/MCHB/Healthy Tomorrows - \$250,000	
<b>Staker, M. (Co-PI) &amp; Carta, J. (Co-PI)</b>	9/04 – 8/07
“Early Reading First” Department of Education – \$2.8 Million	
<b>Staker, M. (Co-PI) &amp; Abbott, M. (Co-PI)</b>	9/07 – 8/10
“Early Reading First” Department of Education – \$3.4 Million	
<b>Staker, M. (PI)</b>	7/07 - 6/08
“Healthy Families” Unified Government of Wyandotte County/Kansas City, KS - \$141,522	
<b>Staker, M. (PI)</b>	9/06 - 6/07
“Crossroads to Early Language and Literacy” Sub-contract from USD 500 - \$13,546	

**Staker, M. (PI)** 2007-2011  
 “SPARC Family Literacy Leadership Team Training”  
 Sponsored by the National Head Start Family Literacy Center – travel reimbursement

**Staker, M. (Co-PI) and Davis, A. (Co-PI)** 2008  
 “Nutrition and Physical Activity Initiative for Teen Mothers and Their Children”  
 Women’s Foundation of Greater Kansas City - \$13,783

**Staker, M. (PI)** 2007-2008  
 “Early Childhood Strategic Communication Grant”  
 Voices for Children Foundation - \$10,000

**Tancabelic, J (PI)** 7/1/07-6/30/08  
 “Evaluating the Presence of Vitamin D receptor, Caspase 3 and Ki67 (MIB-1) in Human Osteocarcoma”  
 Children’s Miracle Network - \$5000.

**Veal, K (Co-PI)** 2/1/2007-1/31/2008  
 “Development of Region VII Pediatric Environmental Health Specialty Unit at KUMC.”  
 Association of Occupational and Environmental Clinics (AOEC) and Agency for Toxic Substance and Disease Registry. \$128,000

**Center for Child Health and Development:**

**Reese, Matthew (PI)** 7/01/05 – 6/30/11  
 “Leadership Education in Neurodevelopmental and Related Disabilities”  
 Health Resources and Services Administration (HRSA)  
 Total direct cost: \$ 512,223.00

**Heitzman-Powell, Linda (PI)** 4/01/08 – 4/30/11  
 “The Autism Training Program”  
 Kansas Department of Social and Rehabilitative Services  
 Total direct cost: \$347,163

**Reese, Matthew (PI)** 7/01/08 – 6/30/09  
 “Services for Children with Special Health Care Needs – Clinic Support”  
*Annual Contract*  
 Kansas Department of Health and Environment  
 Total direct cost: \$169,340

**Reese, Matthew (PI)** 7/01/08 – 6/30/09  
 “Services for Children with Special Health Care Needs – Outreach Services”  
*Annual Contract*  
 Kansas Department of Health and Environment  
 Total direct cost: \$145,068

**Reese, Matthew (Co-Investigator)** 7/01/07 – 6/30/12  
 “Administration on Developmental Disabilities”  
 Department of Health and Human Services  
 Total direct cost: \$120,000

**Reese, Matthew (PI)** 7/01/08 – 6/30/09  
“Reliability and Validity of Autism Assessments and Diagnosis Using Telemedicine”  
Department of Defense – US Army Medical Research  
Total direct cost: \$75,000

**Heitzman-Powell, Linda (PI)** 10/01/06 – 9/30/08  
“Combining Technologies to Maximize Outcomes: Online and Telemedicine Training Program for Parents of Children with Autism”  
US Department of Education  
Total direct cost: \$29,231

**Reese, R. Matthew (PI)** 11/01/07 – 10/31/08  
“Kansas Institute for Positive Behavioral Support”  
University of Kansas Center for Research  
Total direct cost: \$10,408

**Reese, R. Matthew (PI)** 11/01/06 – 10/31/07  
“Kansas Institute for Positive Behavioral Support”  
University of Kansas Center for Research. Total direct costs: \$8,430

## **Current Pediatric Clinical Trials**

**Casey, J. (PI)**  
“The Genetics and Neurendocrinology of Short Stature International Study”  
Eli Lilly and Company

**Casey, J. (PI)**  
“Growth Hormone Study”  
Genentech Inc.

**Casey, J. (PI)**  
“Kabi International Growth Study”  
Pharmacia Upjohn

**Casey, J. (PI)**  
“Natural History Study Development of Type 1 Diabetes”  
NIH-TrialNet

**Casey, J. (PI)**  
“Patient registry for monitoring long term safety and efficacy of Increlex”  
Tercica Inc.

**Harris, J (PI)**  
“A Phase III, Randomized, Multinational Study, Double-Blinded for the Immunogenicity and Consistency Evaluation of 3 Hib-MenCy\_TT Vaccine Lots in Healthy Infants 2, 4, 6, and 12 to 15 Months of Age”  
GlaxoSmithKline

**Harris, J (PI)**

“Immunogenicity and safety study of a booster dose of GSK Biological. Meningococcal vaccine given at 12-15 months of age (co-administered with Pedvax HIB) or at 15-18 months of age (co-administered with Infanrix) in primed healthy toddlers.”  
GlaxoSmithKline

**Harris, J (PI)**

“Open Randomized, Multicenter Study of the Safety, Tolerability and Immunogenicity of VAQTA given concomitantly with PedvaxHIB and Infanrix in Healthy Children 15 months of age”  
Merck

**Harris, J. and Hetu, C. (Co-PI)**

“Effect of Rooibos Tea on Infant Colic”  
Children’s Miracle Network

**Lauer, Steve (PI)**

“Safety, Efficacy, and Pharmacokinetics of Lubiprostone in Pediatric Patients with Constipation”  
Sucampo

**Scotten, Mitzi (PI)**

“A Phase 3, International, multi-center, randomized, double-blind, placebo-controlled, parallel-group, efficacy and safety study of Denufosol Tetrasodium Inhalation Solution in Patients with Cystic Fibrosis Lung Disease and FEV-1”  
Inspire Pharmaceuticals Inc.

**Sawyer, Tama (PI)**

“Surveillance of the RADARS 7 by Poison Control Centers”  
Denver Health and Hospital Authority

**Olson, N (PI)**

“Allergy Immunology Rheumatology”  
Pharmacia Corp

**Scheinman, Jon (PI)**

“Focal Glomerulosclerosis Trial”  
St. Joseph Hospital Medical Center

**Tancabelic, J (PI)**

“Children’s Oncology Group”  
National Childhood Cancer Foundation

## **Publications, Presentation, and other Research Achievements**

**Davis AM**, Boles RE, James RL, Sullivan DK, Donnelly JE, Swirczynski DL, Goetz J. Health behaviors and weight status among urban and rural children. *Rural and Remote Health* 8 (online), 2008: 810. Available from: <http://www.rrh.org.au>.

Befort,C., Lynch, R., James, R.L., Carroll, S.L., Nollen, N., and **Davis, A.** (in press). Perceived barriers and benefits to research participation among school administrators. *Journal of School Health*.

**Davis, A.M.**, James, R.L, Curtis, M., Daley, C.M., Felts, S. (in press). Pediatric obesity attitudes, services, and information among rural parents: A qualitative study. *Obesity*.

Mattioli, L.F., Belmont, J.M., **Davis, A.M.** (in press). Effectiveness of teaching auscultatory skills to residents during an elective pediatric cardiology rotation. *Pediatric Cardiology*.

Snow, T, Nollen, NL, Befort, C, Carroll, S, Daley, C, **Davis, A**, Ahluwalia, J (March 2008). High School Physical Education and Adolescent Obesity: Qualitative Insights from School Personnel. *Annals of Behavioral Medicine*, 35 (suppl), 178.

Steele, RG, Aylward, BS, Jensen, CD, Benson, E, **Davis, AM**, Boviard, J. (April, 2008). Evaluation of *Positively Fit*: A behaviorally-based family intervention for pediatric obesity: Initial results of an RCT in an applied clinical setting. Poster presented at the National Conference on Child Health Psychology, Miami, FL.

**Davis, AM**, Felts, S, Steele, RG. (April, 2008). Brief in home community based intervention to promote healthy nutrition with a high risk population. Poster presented at the National Conference on Child Health Psychology, Miami, FL.

Landrum, Y, **Davis, AM**, Felts, S. (April, 2008). A family-based, weight management clinic in an applied setting: The first year. Poster presented at the National Conference on Child Health Psychology, Miami, FL.

**Shaw, Pam** – Numerous presentations – 4 across the state regarding the Kansas Health Foundation ABCD Grant

**Rapoff, M.A.** & Stark, L (2008), Journal of Pediatric Psychology Statement of Purpose: Section on Single-subject studies. *Journal of Pediatric Psychology*, 33, 16-21.

**Rapoff, M.A.**, Developing adherence among children with chronic health conditions. Invited presentation at the 3th Annual Convention of the Association for Behavior Analysis International, May 25, 2008, Chicago, Illinois.