

# Research News

*Newsletter of*  
**The University of Kansas Medical Center**  
**Department of Pediatrics**



## **The Research & Scholarship Committee Website**

In case you aren't aware of it, the Department of Pediatrics Research & Scholarship Committee has an excellent and recently updated website at <http://www2.kumc.edu/kids/research.htm>. The website is developed, maintained and updated by **Dr. John Goodwin**, the webmaster for KU Pediatrics.

On the website are links to the General Clinical Research Center and the Human Subjects Committee. Current publications by department faculty and residents are also listed, and all previous volumes of the Research News are archived and available for download. To get more detailed information, click on the link to the Research & Scholarship Committee.

From this part of the website you can see the members of the Research & Scholarship Committee, and a very helpful section developed by Dr. Goodwin, called Frequently Asked Questions. Dr. Goodwin has compiled information from several different volumes of the Research News for this section, including information on finding funding for a grant, submitting to the Human Subjects Committee and other research and grant related topics. There are also links available to assist with searching for internal and external funding opportunities, and lists of recent publications by faculty and residents, and current grants in the department.

You'll also notice several tabs on the left side of the page, including one for the Pediatric Clinical Trials Subcommittee. This subcommittee, chaired by Dr. Jo-Ann Harris, was featured in the last volume of the Research News. The subcommittee's website has information on their mission, members, contact information, and meeting dates. Forms used to submit proposals to the subcommittee will also soon be available on this part of the site.

If you're paying very close attention, you'll also notice that we now have 2 representatives on the Human Subjects Committee. Dr. Talkad Raghuveer has joined Sallie Page-Goertz to represent our department on this important committee. Thanks to them both for all of their hard work!

So, when you have a few spare moments, please be sure to familiarize yourself with this website. In the future, we hope it will be helpful to everyone as we pursue the research and scholarship portions of our mission. If you have any suggestions for items to add to this website or changes to make it more user-friendly, please contact Dr. Goodwin at [kidsauth@everestkc.net](mailto:kidsauth@everestkc.net) or Dr. Ann McGrath Davis at [adavis6@kumc.edu](mailto:adavis6@kumc.edu).

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## Current Pediatric Grants

**Barnard, M (PI)** 7/1/04-3/31/06  
"Writing Interventions for Teens Whose Parents Have Cancer"  
Turning Points – Total direct costs: \$5,000

Barkley, H.W., **Lowry, J., Veal, K.,** Pierce, J.T. 02/01/04 – 01/31/07  
"Development of the Region VII Pediatric Environmental Health Specialty Unit at the University of Kansas Medical Center"  
AOEC & ATSDR - Total Costs: \$128,000/yr

Barlow, S (PI) & **Clark, P (Co-PI)**  
"Sensorimotor Control of the Human Orofacial System"  
NIH – Total Direct Costs - \$76,671

**Truog, W (PI), Clark, P (Co-PI)** 7/1/2006-6/30/2007  
"Genomics, SNPs and Clinical Neonatology"  
Hall Foundation - Total Direct Costs \$118,135

**Cocjin, J (PI)** 07/01/03-06/30/06  
"Peds GI"  
KU Children's Telethon - Total Direct Costs \$10,000

**Davis, A.M. (PI)** 04/15/05-04/14/10  
"Enhancing Nutrition and Activity of Rural Children"  
NIDDK/NIH - Total Direct Costs \$566,721

**Davis, K. (PI)**  
"Connected Kansas Kids: Connecting Schools and Students with Special Health Needs"  
Kan-Ed - Total Direct Costs \$100,000  
\*\* see website at [www.connectedkansaskids.com](http://www.connectedkansaskids.com)

**Ellerbeck, K. (PI), Reese, M. (Co-Investigator) & Jacobson, J. (Co-Investigator)** 02/01/05-02/01/07  
"Sex Differences in Autism: Potential Role of Oxytocin Signaling"  
Cure Autism Now (CAN) Foundation - Total Direct Costs \$120,000

**Gilmer, L (PI)** 7/1/2005-6/30/2006  
"Evaluating Clinical Competency of Ped Res. Cont Clinic"  
Children's Miracle Network - Total Direct Costs \$9076

**Johnson, C (PI)**  
"Pediatric Consultation, PKU, Seizure, Rheumatology/Cardiology Outreach"  
Kansas Department of Health and Environment (KDHE) - Total Direct Costs \$125,362

### **Human Subjects Committee Information**

<b>Deadline**</b>	<b>Meeting</b>
December 29	January 10
January 12	January 24
February 3	February 14
February 17	February 28
March 3	March 14
March 17	March 28
March 31	April 11

\*\*all deadlines are at **noon\*\***

\* **Office is G006 Sudler.\***

**Hours:** 8:00 AM - 4:30 PM  
For more information, go to  
[http://www2.kumc.edu/researchcompliance/hs\\_csubprocess.htm](http://www2.kumc.edu/researchcompliance/hs_csubprocess.htm) or call 913-588-1240.

**Kanarek, J (PI)** 7/1/2005-6/30/2006  
 “Cystic Fibrosis”  
 Cystic Fibrosis Foundation - Total Direct Costs \$49,070

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

**Lowry, J (PI)** 9/1/2005-8/31/2006  
 “Poison Control Stabilization and Enhance”  
 Poison Control Center - Total Direct Costs \$154,088

**Nelson, E. (PI)**  
 “Telekidcare Teaching Tool for Cultural Competence”  
 Aetna Foundation Regional Community Health – Total Direct Costs \$40,000

**Rapoff, M. (PI), Belmont, J. & Knobler, S. (Co-Investigators)** 07/04 – 06/07  
 "Headstrong Intervention for Recurrent Pediatric Headache"  
 NINDS-NIH - Total Costs \$563,090

**Staker, M. (PI)** 7/05 – 6/06  
 “Project EAGLE Early Head Start”  
 DHHS/ACF/Head Start Bureau - \$1,665,738  
 Kansas Department of SRS - \$668,935

**Staker, M. (PI)** 1/06 – 6/06  
 “Early Head Start Oral Health Initiative”  
 DHHS/ACF/Head Start Bureau - \$56,250

**Staker, M. (PI)** 7/05 – 6/06  
 “Project HOPE”  
 KDHE - \$98,034

**Staker, M. (PI)** 6/05 – 5/06  
 “Healthy Start”  
 Maternal Child Health Coalition - \$150,000

**Staker, M. (PI)** 3/04 – 2/09  
 “Centralized Intake and Referral System”  
 DHHS/HRSA/MCHB/Healthy Tomorrows - \$250,000

**Staker, M. (PI)** 8/04 – 9/06  
 “Literacy education to Parents of Young Children”  
 American Express Foundation – \$30,000

**Staker, M. (Co-PI) & Carta, J. (Co-PI)** 9/04 – 8/07  
 “Early Reading First”  
 Department of Education – \$ 2.8 Million

**Staker, M. (PI)**

9/03 – 8/06

“Early Childhood Professional Development Program”

Mid-America Regional Council/Department of Education – \$410,361

**Trueworthy, Robert (PI)**

3/1/2003-3/28/2006

“Children’s Oncology Group Chair’s Grant”

National Childhood Cancer Foundation - Total Direct Costs \$44,302

## **Current Pediatric Clinical Trials**

**Casey, J. (PI), Delrosario, G. (Co-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

**Ellerbeck, K. (PI)**

Safety and efficacy of oral human immunoglobulin in the treatment of gastrointestinal dysfunction associated with Autistic Disorder

Oralgam Corp

**Olson, N (PI)**

“Allergy Immunology Rheumatology”

Pharmacia Cor

**Olson, N (PI)**

“Allergy Immunology Rheumatology”

Abbott Labs

**Scheinman, Jon (PI)**

“Focal Glomenulosclerosis Trial”

Medical City Dallas Hospital

**Shaw, P (PI)**

“An Oral Health Program for Kansas”

United Methodist Health Ministry Fund

## **Recent Pediatric Publications**

**Maben, K. & Dobbie, A.** (2005). New Research/Letter to the Editor: Current practices in medical Spanish teaching US medical schools. *Family Medicine*, 37(9), 613-614.

**Rapoff, M., Belmont, J.M., Lindsley, C.B. & Olson, N.Y.** (2005). Electronically monitored adherence to medications by newly diagnosed patients with juvenile rheumatoid arthritis. *Arthritis & Rheumatism (Arthritis Care & Research)*, 53(6), 905-910.

## **Research News Items, Etc....**

**Dr. Lisa Gilmer's** work "Evaluating Clinical Competency of Pediatric Residents in a Continuity Clinic" was accepted as a poster presentation to the annual meeting of the Association of Pediatric Program Directors in San Francisco April 27-29. Congratulations Dr. Gilmer!

**ProjectEAGLE** received two new grant awards since our last publication date, one for oral health and one for project CRADLE. The oral health grant will provide funding for an Oral Health Specialist to provide screenings and education. Project EAGLE was also selected to participate in the CRADLE project, a national Early Head Start initiative. CRADLE stands for: Culturally Responsive and Aware Dual Language Education. This is a nine-month project to enhance dual language acquisition practices in our program. A team of 5 will initially attend a training in February in Washington, DC with teams from 23 other Early Head Start programs in the country. Congratulations to **Heather Schrotberger, Martha Staker** and the whole team at **ProjectEAGLE!**

**Dr. Suzanne Essengue** had a poster accepted to the AAAI meeting in March 2006. Congratulations!  
**Essengue S., Talreja J., Dileepan K., Stechschulte D.**

Histamine Induces Expression of Cyclooxygenase-2 and Regulates the Production of prostacyclin and thromboxane- A2 in human coronary artery endothelial cells.

Poster session presented at the 62nd annual meeting of the American Academy of Allergy, Asthma, and Immunology- AAAAI, March 2006, Miami, FL.

### **Oral Health Grant Abstract**

Project EAGLE Early Head Start of the University of Kansas Medical Center will integrate a culturally sensitive, evidence based oral health initiative into its home based Early Head Start services. This initiative will address the two main oral health needs for Early Head Start and Head Start families in Wyandotte County: oral health education and increased access to care. The total amount of funding requested is \$75,000. The goals for the project are: All Early Head Start children and pregnant women access oral health care on a regularly scheduled basis. An integrated, sustainable system for quality, culturally sensitive pediatric dental health services is established for Early Head Start children and pregnant women. Oral health research findings impact the oral health system at local and national levels. An Oral Health Specialist will be hired to implement activities to support the accomplishment of these goals. At least 200 Early Head Start children and pregnant women will be served by the program each year. In addition, through community collaborations and educational efforts, an additional 150 children will be impacted and benefit from the initiative.

As a result of this initiative, all Early Head Start children and families will receive ongoing oral health education and regular home based dental screenings. Early Head Start children will receive regular fluoride varnish applications. Dental health problems of Early Head Start children and pregnant women will be identified early and addressed through early intervention. Collaborations between public and private partners, including dental and health providers, dental and dental hygiene schools, and WIC offices will be improved. Ultimately, Early Head Start children will transition to Head Start or another preschool program free of dental caries, with good dental hygiene practice, and with an identified medical home.