

Research News

Newsletter of
The University of Kansas Medical Center
Department of Pediatrics



Research Tips: Searching for a Grant

Ann McGrath Davis, PhD

Some people think the most challenging part of research is coming up with an idea. However, anyone who has ever completed a research project from conception through publication will tell you that this is most definitely not the case! Once you come up with an idea, the most difficult part is finding someone who will pay you to complete the project – a granting agency. There are several types of granting agencies out there, from public to private, from national to state to local. To find out about grants that may be appropriate for you, there are several things you can do.

First, you can do an on-line search – a relatively effortless and very quick process. To do this simply go to www.kumc.edu, click on Research, and then Research Administration and go to COS/SPIN. As you will see on this page, COS and SPIN are two international websites that our university subscribes to that are updated daily and allow you to search for grants in your specific area. On the COS website, simply click on Find Funding and COS Funding Opportunities. I find that the Main Search option is best as it allows you to define exactly what type of grant you hope to find. On the SPIN website, just type in a search word on their main page to do a simple search, or click on Advanced Search (just below the simple search) to be more specific to your search.

Another option is to contact Vicky Eaton, the Director of Pre-Award at the KUMC Research Administration (588-1239). Vicky and her staff are very helpful and have several tools available to help you in your search. One of the tools they have available is an individual “Funding Opportunities & Notices” Folder that can be inserted right into your GroupWise e-mail system. This service has Vicky and her staff do all of the searching for you. When you have a free moment, you simply sift through the emails they send to this folder to see if any of the grant opportunities are right for you (the emails do not come to your regular GroupWise account to clog up your mailbox).

Finally, as you may know, the Department of Pediatrics has its very own Grants Coordinator (Linda Schuck) and Research Committee. Linda and the members of the committee are available for your assistance should you want to write a grant, but need some help getting started. Linda can help with finding specific

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funding opportunities for your grant topic, and we on the committee are available for everything from brainstorming to proofreading. Ann McGrath Davis, PhD is chair of this committee; please contact her if you would like to have a research mentor assigned to you from our committee, or if you would like to come to one of our meetings to discuss your ideas with our team to see how we can help (588-6323 or adavis6@kumc.edu).

Current Pediatric Grants/Contracts Fiscal Year 2007

Barnard, M. (PI) 07/01/04-8/31/07

“Writing Interventions for Teens Whose Parents Have Cancer”

Turning Points – Total direct costs: \$5,000

Cain, S. (PI), **Nelson, E.L. (Co-I)**, Khanna, P. (Co-I) & Penick, E. (Co-I). 2004-2007

“A feasibility study of diagnostic efficacy in a child telepsychiatry clinic”

KUMC Research Institute, Total costs - \$25,000.

Davis, A.M. (PI) 04/15/05-04/14/10

“Enhancing Nutrition and Activity of Rural Children”

NIH/NIDDK - Total direct costs \$566,721

Davis, A.M., (Co-Investigator) 12/31/06-12/31/09

“Effectiveness of a Treatment of Pediatric Obesity”

Department of Health and Human Services - Total costs \$737,466

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

Ellerbeck, K. (PI), Reese, M. (Co-I) & Jacobson, J. (Co-I) 2/1/05-2/1/07

"Sex Differences in Autism: Potential Role of Oxytocin Signaling"

Cure Autism Now (CAN) Foundation – Total direct costs: \$120,000

Gilmer, L. (PI) 7/1/2005-6/30/2007

“Evaluating Clinical Competency of Pediatric Resident Continuity Clinic”

Children’s Miracle Network - Total direct costs \$9076

Johnson, C. (PI) 7/1/06-6/30/07

“Pediatric Consultation, PKU, Seizure, Rheumatology/Cardiology Outreach”

Kansas Department of Health and Environment (KDHE)-Total direct costs \$125,362

Lindsley, C. (PI) 7/29/03-12/31/08

“Juvenile RH North Short Long Island Jewish Health”

Total direct costs \$390

Lowry, J. (PI) 9/1/2005-8/31/2007

“Poison Control Stabilization and Enhance”

Poison Control Center – Total direct costs \$161,566

Lowry, J. (PI) 8/31/06-8/31/07

“Mid America Poison Control Center – Support of Center”
Kansas Department of Health and Environment, Kansas - Total direct costs - \$134,000

Nelson, E.L. (PI), Davis, K. (Co-I) 2006-2008

“TeleHelp: A Comprehensive School-based Telemedicine Program for Urban Youth At-Risk for Depression.”
Health Care Foundation of Greater Kansas City – Total costs \$99,485.

Peacock, G & Nelson, E. (Co-Investigators) 7/1/06-6/30/07

Implementing the American Academy of Pediatrics Attention-Deficity/Hyperactivity Disorder Diagnostic Guidelines in a School-based Telemedicine Clinic.
Children’s Miracle Network-\$9,980

Rapoff, M. (PI), 8/1/06-7/31/07

"Headstrong Intervention for Recurrent Pediatric Headache"
NIH/NINDS -Total costs: \$563,090

Rapoff, M. (PI) & Wasson, M.C. (Co-PI) 7/1/06-6/30/07

“A minimal contact cognitive-behavioral intervention for pediatric functional gastrointestinal disorders: A pilot study of Gutstrong.”
Children’s Miracle Network - \$9,963

Raghuveer, T. (PI) 9/1/02-

“Do dietary components influence the severity of oxygen-induced vascular pathology in newborn rat retina”
KUMC School of Medicine Bridging Grant - \$10,000

Scheinman, J. (PI) 9/1/06-9/1/08

“Effect of Pyridoxamine in Oxalate excretion in Stone Diseases and Hyperoxaluria”
NIH - Medical City Dallas Hospital - Total direct costs \$286,130

Scotten, M. (Co-Investigator) 7/1/05-6/30/07

“Cystic Fibrosis”
Cystic Fibrosis Foundation – Total direct costs \$49,070

Shaw, P. (PI) 9/1/05-8/31/07

“An Oral Health Program for Kansas”
United Methodist Health Ministry Fund – Total direct costs \$27,968

Spaulding, R. (PI), Nelson, E.L. (Co-PI) 2006-2009

Kansas TeleHealth Network.
HRSA Office for the Advancement of TeleHealth – Total costs \$900,000

Staker, M. (PI) 7/06 – 6/07

“Project EAGLE Early Head Start”
Including “Early Head Start Oral Health Initiative”
DHHS/ACF/Head Start Bureau - \$1,724,487
Kansas Department of SRS - \$813,685

Staker, M. (PI) “Project HOPE” KDHE - \$98,034	7/06 – 6/07
Staker, M. (PI) “Healthy Start” Maternal Child Health Coalition - \$169,134	6/06 – 5/07
Staker, M. (PI) “Centralized Intake and Referral System DHHS/HRSA/MCHB/Healthy Tomorrows - \$250,000	3/04 – 2/09
Staker, M. (Co-PI) & Carta, J. (Co-PI) “Early Reading First” Department of Education – \$2.8 Million	9/04 – 8/07
Staker, M. (PI) “Early Childhood Professional Development Program” Mid-America Regional Council/Department of Education – \$120,000	9/07 – 9/08
Staker, M. (PI) “Healthy Families” Unified Government of Wyandotte County/Kansas City, KS - \$172,088	4/06 - 6/07
Staker, M. (PI) “Integrating Effective Evidence-Based Approaches for Working with Young Children and Their Families” Sub-contract from the KU Life Span Institute/Beach Center - \$10,556	6/06 - 5/07
Staker, M. (PI) “Crossroads to Early Language and Literacy” Sub-contract from USD 500 - \$13,546	9/06 - 6/07
Staker, M. (PI) “Early Childhood Comprehensive Planning” Kansas Children’s Cabinet - \$10,000	1/07 - 12/07
Staker, M. (PI) “SPARC Family Literacy Leadership Team Training” Sponsored by the National Head Start Family Literacy Center – travel reimbursement	2007-2011
Veal, K. (PI), Lowry, J (Co-PI) “A Pilot Study to Evaluate Effects of Exposure to School Bus Diesel Fuel Emissions on Pediatric Respiratory Health” Children’s Miracle network – Total direct costs- \$10,000	7/1/05-6/30/07

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

Lowry, J. (PI)

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

Olson, N. (PI)

“Allergy Immunology Rheumatology”
Pharmacia Cor

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“Allergy Immunology Rheumatology”
Abbott Labs

Scheinman, J. (PI)

“Focal Glomulosclerosis Trial”
St. Joseph Hospital Medical Center

Trueworthy, R. (PI)

“Children’s Oncology Group”
Study that support Salary for Data Manager
National Childhood Cancer Foundation

Most Recent Pediatric Publications

Gowans, M., Keenan, H.T., Bratton, S.L. (2007). The population prevalence of children receiving invasive home ventilation in Utah. *Pediatric Pulmonology*, 42, 231-236.

Harris, J.S. (2006). Infection control in pediatric extended care facilities. *Infection Control and Hospital Epidemiology*, 27(6), 598-603.

Nelson, E., & Palsbo, S. (2006). Challenges in Telemedicine Equivalence Studies. *Evaluation and Program Planning*, Special Technology Edition, 29(4), 419-425.

Nelson, E., Barnard, M., & Cain, S. (2006). Feasibility of Teletherapy for Childhood Depression. *Counseling and Psychotherapy Research*, Special Technology Edition, 6(3), 191-195.

Veal, K., Lowry, J.A., Belmont, J.M. (2007). The epidemiology of pediatric environmental exposures. *Pediatric Clinics of North America*, 54, 15-31.

Westdahl, C. & **Page-Goertz, S.** (2006) Promotion of breastfeeding – Beyond the benefits. *International Journal of Childbirth Education Association*; 21(4), 8-16.

New Vice Chancellor for Research: An Email

Barbara Atkinson, MD, Executive Vice Chancellor

Please join me in congratulating Paul Terranova, who has been named vice chancellor for research. Dr. Terranova succeeds James Voogt, who retired December 31, 2006.

Dr. Terranova has provided key leadership for our research enterprise for a number of years and brings valuable experience to this new role. I look forward to working with him as we execute the vision outlined in the Time to Get it Right report, commissioned by the Greater Kansas City Community Foundation. This is an especially dynamic time in our research efforts, and Paul is uniquely suited to lead us into the future.

Dr. Terranova, professor of molecular and integrative physiology and obstetrics and gynecology, began his distinguished career here at KU Medical Center as a postdoctoral student after completion of a PhD from Louisiana State University. He currently serves as senior associate dean for research and graduate education for the School of Medicine, and is also director of the Center for Reproductive Sciences. He previously served in numerous administration positions throughout the Medical Center. He has served in leadership positions in national and international scientific organizations and has provided service to the NIH by serving on study sections at the National Institute of Child Health and Human Development and the National Institute of Environmental Health Sciences. Currently, he is on the editorial boards of *Endocrinology* and *Endocrine* and has given numerous lectures world-wide. Dr. Terranova has received several University awards for teaching and research and, in 2002, he received the Chancellors Club Research Award for significant scientific discoveries.

As one of the investigators studying ovarian function and cancer in our new Kansas Life Sciences Innovation Center, Dr. Terranova has played a key role in preparing the facility for occupancy this month.

I know I speak for the entire leadership team when I say how honored we are to work with so many talented KU investigators who are making new discoveries in their laboratories. We are on the threshold of great opportunities here at the Medical Center and thanks to the hard work of countless men and women, including Paul Terranova, we have the ability to change the dynamics of life sciences research in our region.

An Email from the Human Subjects Committee

Dan Voss, IRB Administrator, KUMC

With all of our accreditation efforts, many of our forms have undergone several revisions the last several months. Some of those revisions have been minor and subtle (except to eyes of the most dedicated fans of the HSC office). Other form revisions have been obvious and significant.

It has come to my realization over the past few weeks that many people save the forms to their desktops and use that version of the form time after time, and they do not monitor our website for the most recent versions. Well, if you have been doing this, please check out our forms page and start using the most current version at <http://www2.kumc.edu/researchcompliance/hscforms.htm> Please make it a point to go to our website each time so that you complete the most current version of the form you intend to use. You can easily bookmark the HSC site on the web as one of your "Favorites".

It has come to the point where we are going to start returning submissions and ask you to complete the most current form. This especially relates to new applications (Full Committee, Expedited, and Exempt) since those are the forms that have had the most revisions. Yes, this means you'd be doing it twice. That is why I am sending everyone this e-mail before we enforce the "return to sender" route on this issue. And, trust me, I do not want to be known as "that guy" when we start returning submissions for this reason.

I trust everyone realizes the importance of our office obtaining the information we need for the HSC to conduct its mission and why it's important we are all using the most recent (i.e., correct) version of the HSC forms. It is a pleasure to work with everyone, and my staff and I thank everyone in advance for your cooperation.

Odds & Ends

- The Department of Pediatrics Research & Scholarship Committee would like to announce the **2007 Call for Pediatrics Research Grant Proposals**. Please see the Useful Documents section of our website for more information (<http://www2.kumc.edu/kids/ResearchCommittee.htm>). Proposals are due on May 1, 2007, and funding will begin on July 1, 2007. If you would like any assistance with your application, please feel free to speak to any member of the committee and we are more than willing to provide you with any help that you may need. Thanks for your interest - we hope to get lots of great applications this year!
- Did you know that the Department of Pediatrics has three excellent **programs to support your scholarly work**? First, the administration offers \$500 to all faculty to purchase books, attend conferences, etc. There is also an additional \$250 to support attendance at the annual Kansas AAP meeting. Finally, the department also supports a limited number of individuals to attend conferences at

which they are presenting or engaging in leadership activities. These funds are for up to \$1500 for a national meeting and \$2000 for an international meeting. Be sure to take advantage of these great opportunities to give your research and scholarship activities a boost!

- Congratulations to **Dr. Oluola** for getting his abstract accepted as a poster presentation at the Pediatric Academic Societies meeting in Toronto in May. His poster will be titled “Ureaplasma Colonization of the Placenta and Preterm Birth.”
- Congratulations to **Dr. Raghuvver** for getting his abstract accepted as a poster presentation at the Pediatric Academic Societies meeting in Toronto in May. His poster will be titled “The Impact of DHA [amp] Fe on Retinal Vitamin E, Neuroprostanes and Na-K ATPase in a Rat Model of ROP.”