

Arkansas Children's Hospital Research Institute RESEARCH UPDATE



ACHRI-CCTR Nursing Support Program: Strengthening Translational Clinical Research

ACHRI's mission is to improve children's health, development, and well-being through high quality research. ACHRI continually finds new approaches for its researchers to meet this goal. Now, translational clinical researchers can find support through the partnership of ACHRI and the UAMS Center for Clinical and Translational Research (CCTR). Funded by NIH's National Center for Research Resources, the overarching goal of the UAMS CCTR is to transform the pace, effectiveness, and quality of translational research among UAMS and its partners, resulting in better health for all Arkansans. The CCTR includes scientists from all UAMS colleges and disciplines, with representatives from all CCTR external partners and the statewide community. With similar goals, ACHRI and the CCTR have created a research support program to provide nursing support for non-industry, translational clinical research projects performed on the ACH campus.

"We're always working to meet the needs of our clinical investigators on this campus. This is one way as an institute by working with the CCTR that we are able to better support these research endeavors," explains ACHRI's Clinical Trials Administrator Janet Storment, RN, CCRC. Eligible principal investigators of ACH-based clinical trials apply through the CCTR for support. Overall, the fund provides nursing support for two part-time nurses equal to one full-time position. Currently seven projects at ACH, the majority of which use the Pediatric Clinical Research Unit, receive nursing support through this program.

Stacie Jones, Section Chief of Allergy and Immunology, is among the ACHRI researchers using this resource. "The support provided by the CCTR has allowed us to perform high-impact scientific studies directed at food allergy therapeutics for children and adults in Arkansas and the region that would otherwise not be possible," says Dr. Jones. She adds that this support has also allowed her team to expand their program to include trials that they would otherwise not have the extensive personnel to be able to conduct. These trials include new forms of therapy directed for egg and peanut allergy and also new forms of therapy to impact food allergy more globally through a new study using a novel formulation of Chinese herbal therapy.

Dr. Laura James, Section Chief of Pharmacology and Toxicology, is among the CCTR participants that reviews requests for nursing support. Since the program began in July 2010, she has seen researchers use this nursing resource for patient identification and recruitment, records review, patient measurements and interviews, and other study-related procedures. "The availability of this research nursing support has helped a number of researchers on the ACH campus," says Dr. James. "Once we reach capacity," she adds, "we'll find ways to expand the resources to meet the needs of translational clinical researchers at Children's."

The ACHRI-CCTR Nursing Support Program has quickly increased and strengthened translational research on the ACH campus. Dr. Jones notes, "The nursing support for our studies has been excellent and has provided us both depth and breadth for our studies. This has allowed us to provide flexibility to families and to support our Allergy research nurses in their work." For more information about the program, contact Janet Storment (364-2760).

President's Choice Publications of the Month

Stop by the bulletin board located in the first-floor lobby of the ACHRI building to see this month's President's Choice publications. The following articles were selected as this month's feature publications.

- Nyman JS, Even JL, Jo CH, Herbert EG, Murry MR, Cockrell GE, Wahl EC, Bunn RC, Lumpkin CK Jr, Fowlkes JL, Thrailkill KM. Increasing duration of type 1 diabetes perturbs the strength-structure relationship and increases brittleness of bone. *Bone*. 2010 Dec 22. [Epub ahead of print] PMID: 21185416 [PubMed - as supplied by publisher]
- Scurlock AM, Frazer LC, Andrews CW Jr, O'Connell CM, Foote IP, Bailey SL, Chandra-Kuntal K, Kolls JK, Darville T. IL-17 contributes to generation of Th1 immunity and neutrophil recruitment during *Chlamydia muridarum* genital tract infection but is not required for macrophage influx or normal resolution of infection. *Infect Immun*. 2010 Dec 13. [Epub ahead of print]

ACHRI would like to know about your published findings, as your articles are published, please email or mail a copy to [Phaedra Yount](#) (mail slot 842). The number of publications by our researchers is reported to the hospital and ACHRI boards, so it is important that we receive an accurate count of the publications your research produces.

Dr. Thomas Badger Named 2010 College of Medicine Distinguished Faculty Scholar

Each year, one faculty member from the UAMS College of Medicine is selected to receive the Dean's Distinguished Faculty Scholar Award, which recognizes outstanding faculty whose contributions to academic medicine have brought honor and prestige to the College of Medicine. The honored scholar presents as part of the Dean's Distinguished Faculty Lecture Series. Dr. Thomas Badger was selected to receive the 2010 award.

You are invited to attend Dr. Badger's lecture, "Improving Child Health and Preventing Childhood Diseases Takes More than an Apple a Day," which will be held January 25 at 4 pm in the UAMS Jackson T. Stephens Spine and Neurosciences Institute Fred W. Smith Auditorium. You may also view the presentation through live interactive video in Chairman's Hall on the ACH campus.

Congratulations Dr. Badger. We are all very proud of you!

Romero to chair FDA Advisory Committee

Dr. José R. Romero, Chief of Pediatric Infectious Diseases and Director of ACHRI Clinical Trials, has been appointed to chair the FDA's Vaccines and Related Biological Products Advisory Committee. The committee reviews and evaluates data concerning the safety, effectiveness, and appropriate use of vaccines and related biological products which are intended for use in the prevention, treatment, or diagnosis of human diseases, and, as required, any other product for which the FDA has regulatory responsibility. Dr. Romero will be among the committee's 12 voting members. Members are authorities in fields such as immunology, molecular biology, preventive medicine, infectious diseases, pediatrics, microbiology, and biochemistry. Congratulations Dr. Romero!

Attention NIH-Funded Researchers: Let's Work Together to Achieve Public Access Compliance

Thank you to all NIH-funded investigators for doing your part to ensure compliance with NIH's Public Access Policy. We appreciate your efforts to upload articles and go to the manuscript submission system numerous times to approve your articles at the various stages throughout the process.

Thanks to your efforts, in December, ACHRI achieved a compliance rate of 90.9%! This means that of all articles that have been reported to NIH on grant progress reports, 90.9% of those articles have been deposited to the NIH manuscript system in accordance with the Public Access Policy. When we started receiving compliance reports from NIH last June, we had a compliance rate of 67.9%.

In working to raise our institutional compliance rate, we have found that in many cases the journal publisher has agreed to upload the publications on the author's behalf; however, the publisher is not completing the upload within three months of article acceptance. ACHRI staff have and will continue to contact publishers on your behalf when those articles are identified by NIH as non-compliant with the Public Access Policy.

We are requesting that you alert Phaedra Yount (364-2469) at the time that your articles acknowledging NIH funding are **accepted** for publication. With this advance notice, we can begin working with you or the publisher to upload the article and within the three-month window allowed by NIH. If you have questions about the Public Access Policy, please contact Phaedra.

Business Mileage Rate for 2011

The IRS has announced that the business mileage rate for **2011** will be **\$0.51**. This is an increase from the 2010 rate of \$0.50. For travel occurring after 12/31/10, the new rate should be used when requesting mileage reimbursement.

2011 Lyon New Scientist Development Award Applications Due February 1

The deadline for the 2011 Lyon New Scientist Development Award is Tuesday, February 1, 2011. All submissions (including original plus three copies) must be submitted by 5 p.m. on the day of the deadline. Applicants must be a MD, PhD, or equivalent doctoral degree earned at application time. Applicants should be full-time faculty/staff member based on the Arkansas Children's Hospital campus and initiating independent research careers, usually at the rank of Instructor or Assistant Professor (or their equivalents). The award amount is \$50,000 for a two year period. For more information, please contact Amy Stalls at 364-3627 or visit <http://achri.archchildrens.org/resources/lyon.htm>.

Federal Grant Salary Cap Summary (FY 2011)

Below is the executive salary cap for FY 2011. There was no change from FY 2010.

Updated: January 7, 2011

FY 2011 Awards (Executive Level I)

- October 1, 2010 through December 31, 2010 = \$199,700
- January 1, 2011 through December 31, 2011 = \$199,700

Publication of the Revised NIH Grants Policy Statement (Rev. 10/1/2010): Policy Changes, Clarifications and Document Enhancements

Notice Number: NOT-OD-11-003

Purpose: The National Institutes of Health (NIH) announces the publication of the revised NIH Grants Policy Statement (NIHGPS, rev. 10/1/2010). This revision is applicable to all NIH grants and cooperative agreements with budget periods beginning on or after October 1, 2010. This revision supersedes, in its entirety, the NIH Grants Policy Statement (12/03) as a standard term and condition of award. However, the December 2003 NIHGPS continues to be the standard term and condition for

all NIH grants and cooperative agreements with budget periods that began between December 1, 2003 and September 30, 2010.

A document is available that summarizes the [significant changes that are implemented with the October 1, 2010 NIHGPS](#) (MS Word - 252 KB).

If you have any questions, please contact Lee Smith (364-3581) or Leslie Montgomery (364-6546).

Request for Summer Science Program Students and Mentors

The UAMS Department of Pediatrics and ACHRI are again co-sponsoring the Summer Science Program. The program is intended to give college students experience in working in medical research and a view of medicine in general. The program lasts nine weeks during the summer (June 1 – July 29). To learn more about the program and to download the mentor or student application, please visit the program web page at <http://achri.archildrens.org/Education/SummerScienceProgram.htm>.

Applications are due no later than March 1, 2011. Please forward completed applications to Jenny Kubacak, Summer Science Program Coordinator, at ACHRI Slot 842.

Recruiting Research Participants Through Facebook

Several research studies on campus have used the Arkansas Children's Hospital Facebook page as a vehicle to raise awareness of a clinical study and to reach potential participants. If you are interested in posting your IRB-approved study recruitment advertisement on the ACH Facebook page, complete the form located at http://achri.archildrens.org/resources/clinical_forms/ACHRIadvertisingformJan2011.docx and forward it to [Janet Storment](#).

Recent Clinical Trial Activity

Clinical Trials	Agency	Project Period	Total Cost
Ronald Sanders	Eisai	12/10-11/11	\$89,992
Paula Morris	CCHMC	8/10 - 7/11	\$26,020

Recent Grant Awards and Submissions

Awards				
PI	Agency	Project Title	Project Period	Total Funding
Thomas Badger	USDA	Dietary Influences on Infant/Child Health and Development	8/10-7/11	\$6,185,000
Submissions				
PI	Agency	Project Title	Project Period	Total Funding
Charlotte	NIH	Genomic and Epigenomic Factors Associated with Non-Syndromic	7/11-6/16	\$7,342,623

Hobbs		Congenital Heart Defect Risk		
Tamara Perry	American Academy of Allergy Asthma & Immunology	Supplement to Reducing Asthma Disparities through School-Based Telemedicine for Rural Children	7/11-6/12	\$15,000

Putting together your research funding? Go to the CUMG grants panel for the Spring 2011 cycle

ACHRI will be hosting a panel on the Children's University Medical Group (CUMG) Grant Program on Wednesday, January 19, 10:30 am to noon, in Brandon North A & B. This presentation will provide an overview of the grant program, assistance in preparing CUMG grant applications, Q&A with a representative of the Biostatistics Program, and insight into the application review process.

The deadline for Spring 2011 CUMG grant applications is March 1, 2011. CUMG awards support research in four grant categories: Established Investigator Awards (max award amount: \$40,000), Seed Money for Young Investigators (max award amount: \$40,000), Clinician/Faculty-Initiated Research (max award amount: \$20,000), and the newly established Fellows Research Program (max award amount: \$10,000). The awards are for up to 24 months. For more information, contact Amy Stalls at 4-3627.

Upcoming ACHRI Investigator Meetings

Mark your 2011 calendars, for the upcoming Investigator Meetings. The dates are February 8, May 4, August 23, and November 2. These meetings are at noon at South Campus in the Brandon Auditorium.

Upcoming ACHRI Grant Writing Workshops

Conducting research is often a collaborative effort. Obtaining grant funding is often a collaborative effort as well. The next series of grant writing workshops are aimed at the team members researchers count on to assemble their grant applications. If you are part of a researcher's laboratory, clinic, or administration team, you may be asked to identify funding opportunities, write research plan sections, submit the completed application package, or any of the other numerous grant writing activities that occur. The presentations will cover these topics and others as suggested by attendees.

The presentations will be held in Brandon North A & B. The next presentation, "Creating a Work Schedule to Complete the Application", is Tuesday, January 18, noon to 1 pm. Starting in February, the presentations will begin at 11 am and end at noon. Future dates are February 22, March 15, April 19, and May 17. For more information, please contact John Gregan (364-6296).

Upcoming UAMS Grant Writing Workshops

This spring, the UAMS Office of Grants & Scientific Publications is once again offering its grant writing workshop, "How to Plan and Prepare a Successful Grant Application: Making an Impact at NIH". If you are interested in this opportunity to become well-versed in the grant writing process, particularly in light of the recent changes to the scoring system and application format, you can register now. The 4-part series will be offered on Thursdays in April (April 7, 14, 21, and 28, 2011) from 9:00 to 11:00 am at the Betsy Blass Board Room, 10th floor of the Cancer Institute Walker Tower. The workshop is tailored to both clinical and basic researchers who have started their research careers but are still somewhat inexperienced in submitting the new NIH grant application. OGSP editors will work one-on-one with participants to offer guidance and critiques of hypotheses, specific aims, and other assigned materials. Due to the interactive nature of this series, enrollment is limited to 25 participants. The

workshop fee of \$250 will guarantee a reservation for all 4 sessions as well as a valuable resource manual. Register by contacting Sharon Antoon, Meeting Planner/Coordinator, Office of Grants and Scientific Publications, 686-6004 (AntoonSharon@uams.edu).

Grant Writing Tip: They're Here! New Sample R01 Applications

NIAID now provides samples of R01 applications in the shorter format, including the 12-page Research Strategy, at its Web site (<http://funding.niaid.nih.gov/researchfunding/grant/pages/appsamples.aspx>). This much anticipated resource includes files for Summary Statements, Research Strategies, and full applications for each of the four applications. NIAID reviewed over 30 applications scored in the exceptional range to provide these examples and annotated each Research Strategy to highlight essential grantsmanship principles.

Applying in January? Remember NIH's Policy Changes

Several policy changes go into effect, among them:

- **End of the error correction window.** You will no longer have two days to fix errors and warnings resulting from eRA Commons validation after the submission deadline. Read more in the [August 16, 2010, Guide notice](#).
- **Updated application forms.** For fellowships, career development awards, and training grants, use forms labeled "ADOBE-FORMS-B1" starting January 25, 2011. See the [September 29, 2010, Guide notice](#) for more information.
- **Time limit for resubmitting.** You have 37 months to resubmit a new, renewal, or revision application. Rules are more complex for continuous submission and late applications—get details in the [October 1, 2010, Guide notice](#).
- **No more second resubmissions.** NIH won't accept a second resubmission, except for applicants eligible for continuous submission **and** resubmitting an AIDS-related application originally reviewed for August 2009 Council or earlier—those applications are due by February 7, 2011. Go to the [April 15, 2010, Guide notice](#) for more information.

For reminders of some other policies NIH announced over the past year, read the [November 24, 2010, Guide notice](#). Also use their [Top Policy Changes](#) for just the main points on the most important changes. (from NIAID Funding Newsletter)

Funding Opportunities

Key words: Conference Support

[National Center for Chronic Disease Prevention and Health Promotion Conference Support Program \(CDC\)](#)

Deadline: Letter of Intent (required) for Cycle A January 21, 2011 and for Cycle B February 7, 2011; Application for Cycle A February 7, 2011 and for Cycle B March 9, 2011

Eligibility: Non-profit organizations

Note: Letter of Intent and Application deadline dates for cycles in FY 2012, 2013 and 2014 will be published in the Federal Register each year.

Key words: Emergency Devices

[Rural Access to Emergency Devices \(HRSA\)](#)

Deadline: Application: February 28, 2011

Eligibility: Community partnerships composed of local emergency response entities such as community training facilities, local emergency responders, fire and rescue departments, police,

community hospitals, and local non-profit entities and for-profit entities concerned about cardiac arrest survival rates

Key words: Safety and Injury Prevention
[Fire Prevention and Safety Grants \(FEMA\)](#)

Deadline: Application: February 4, 2011

Eligibility: Non-profit organizations

Key words: Primary and Preventative Health Services
[Affordable Care Act - Health Center Planning Grants \(HRSA\)](#)

Deadline: Application: March 18, 2011

Eligibility: Non-profit organizations

Key words: Vaccine Use - Children
[Enhanced Surveillance for New Vaccine Preventable Disease \(CDC\)](#)

Deadline: Optional conference call: January 21, 2011; Application: April 5, 2011

Eligibility: Non-profit organizations

Key words: Violence and Victimization
[Research on Violence and Victimization Across the Life-Span \(DOJ\)](#)

Deadline: Application: April 6, 2011

Eligibility: Non-profit organizations

Private

Key words: Medical Professionalism
[American Board of Internal Medicine \(ABIM\) Foundation](#)

Deadline: Application: March 31, 2011

Eligibility: Health systems/hospitals, academic medical centers, medical groups, professional medical organizations, and medical school and residency programs

Pediatric Research

Key words: Alcohol-related Public Policies
[Research on Alcohol-Related Public Policies such as Those Detailed in the Alcohol Policy Information System \(R01\) \(NIH\)](#)

Deadline: Application: February 5, June 5, and October 5; AIDS Application: May 7, September 7, and January 7 until May 8, 2014

Eligibility: Non-profit organizations

Key words: Asthma
[American Asthma Foundation \(Private\)](#)

Deadline: Application: February 9, 2011

Eligibility: Non-profit organizations

Key words: Duchenne Muscular Dystrophy
[Charley's Fund \(Private\)](#)

Deadline: Please contact the Fund at (413) 298-4300 or (877) 436-3363 or info@charleysfund.org for information.

Eligibility: Non-profit organizations

Note: Grants recipients include: Kennedy Krieger Institute, Cincinnati Children's Hospital Medical Center, Children's National Medical Center, and Nationwide Children's Hospital

Key words: Genomic Research Resources

[Genomic Resource Grants for Community Resource Projects \(U41\) \(NIH\)](#)

Deadline: Opening: February 15, 2011; Letter of Intent (not required): February 15, 2011 then one month prior to regular receipt dates; Application: March 15, 2011 then May 25, September 25, and January 25 until January 8, 2014

Eligibility: Non-profit organizations

Key words: Maternal and Child Health

[Indo-US Program on Maternal and Child Health and Human Development Research \(MCHDR\) \(R03\) \(NIH\)](#)

Deadline: Opening: February 4, 2011; Letter of Intent (not required): February 4, 2011; Application: March 4, 2011

Eligibility: Non-profit organizations

Also see: [Scientific Meetings for Creating Collaborative Research Teams under the Indo-US Program for Maternal Child Health and Human Development Research \(MCHDR\) \(R13\)](#)

Key words: Research Enhancement

[NHLBI Investigator-Initiated Resource-Related Research Projects \(R24\) \(NIH\)](#)

Deadline: Letter of Intent (not required): One month prior to the planned submission date; Application: March 3, 2011 then January 25, May 25, and September 25; AIDS Application: May 7, September 7, and January 7 until January 26, 2014

Eligibility: Non-profit organizations

Need assistance but don't know who to call at ACHRI?

If you have questions while considering or conducting research at ACHRI or ACH but aren't sure who to contact, call our office at 364-7373. Our staff will be glad to help you or to connect you with the person that can help.



Please check out our revised administrative staff directory on the web (<http://achri.archchildrens.org/staff.htm>). The directory now includes descriptions of services offered by ACHRI staff.