

NOVEMBER 2008

TOBACCO CONTROL RESEARCH IN THE DEPARTMENT OF PREVENTIVE MEDICINE: ADDRESSING THE #1 HEALTH PROBLEM IN OUR COMMUNITY

The Department of Preventive Medicine has nine doctoral-level researchers trying to find better ways to promote smoking cessation. Their research is largely focused on understanding and treating tobacco dependence among the medically underserved. This research program started with a unique collaboration between KUMC and Swope Health Services. In 2002, this collaboration led to the completion of the first randomized clinical trial of smoking cessation among African Americans; this study showed that bupropion was effective for smoking cessation among African Americans smoking 10 or more cigarettes per day. But many African Americans are 'light smokers' and smoke less than 10 cigarettes per day. Dr. Lisa Cox is leading a new study to examine the treatment of light smokers and study genetic determinants of treatment success.

American Indians have suffered from the smoking epidemic more than any other group. To address this problem, Dr. Christine Daley and Dr. Won Choi developed the All Nations Breath of Life smoking cessation program. This is the first culturally tailored program for smoking cessation in the American Indian Community that respects tobacco and sacred traditions. Funding from the American Lung Association, the American Cancer Society, and the NIH has provided Drs. Daley and Choi with the opportunity to adapt this program for broader community implementation and testing.

Smoking is also a big problem in rural Kansas. Dr. Edward Ellerbeck just completed a study that demonstrated the feasibility of implementing a disease management program to support smoking cessation for smokers being seen in rural primary care practices. Dr. Kimber Richter is also studying smoking cessation in rural Kansas. She just received NIH funding to examine the potential of using telemedicine to bring expert counseling services directly into the rural primary care clinic.

Researchers in the Department are also looking at smoking cessation for Latino smokers, for patients in drug treatment, and for hospitalized patients. In addition to their research, faculty are actively engaged in teaching medical students and MPH students about smoking cessation, and educating the public about the potential benefits of clean indoor air laws.

To learn more about the Department of Preventive Medicine and Public Health, please visit their site at: <http://ph.kumc.edu/>.

- Edward F. Ellerbeck, MD, MPH

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Department of Preventive Medicine and Public Health volunteers at the Kansas City Latino Health Fair.



Elizabeth Ablah, PhD, MPH

Assistant Professor

Dept of Preventive Medicine and Public Health

School of Medicine—Wichita

People may assume that health care professionals are trained and ready for emergencies and that emergency preparedness is a natural extension of that role. However, according to Dr. Elizabeth Ablah, assistant professor, Department of Preventive Medicine and Public Health, KU School of Medicine, Wichita, that assumption is wrong. With funding from the Assistant Secretary for Preparedness Response's (ASPR) Bioterrorism Training and Curriculum Development Program (BTCDDP), which is part of the US Department of Health and Human Services, Dr. Ablah is involved in research focused on preparing health care professionals for emergencies.

During the course of her research, Dr. Ablah found that there was very little literature supporting emergency preparedness programs, especially for health care professionals. Furthermore, the limited amount of training and education that is being provided is not evidence-based. Therefore, her goal is to evaluate the current status of emergency preparedness programs around the country and implement adequate training programs for health care professionals. As a result of her interest, research, and work with the New York Consortium for Emergency Preparedness Continuing Education, the University of Louisville, and other sites across the United States, Dr. Ablah has been selected by ASPR to develop a white paper that provides the key elements and lessons learned from the BTCDDP program. The white paper on this issue is being submitted to *The New England Journal of Medicine*.

Dr. Ablah was also selected to be a guest editor for a special issue of *The Journal of Public Health Management and Practice*. This honor came about as a result of the leadership role that she assumed in organizing the findings from studies completed by awardees of BTCDDP grants so that a National Training Strategy could be established. The objective was to use findings from past studies, apply them to a national framework, and find ways to disseminate the information to facilitate more effective training on a national level. This special issue of the journal is a tool to communicate the National Training Strategy, the lessons learned, the barriers that were discovered, and strategies used to eliminate those barriers. The special issue is expected to be published in early 2009.

Dr. Ablah also discovered that funding for training was typically directed toward hospitals and public health, but that Community Health Centers (CHC) were severely neglected. Therefore, her team is focusing on CHCs as first receivers in emergency situations. [To access her paper on CHCs and Emergency Preparedness, click here: <http://springerlink.com/content/1547u482841446pm/fulltext.pdf>]. According to Dr. Ablah, during an emergency situation, people tend to go to their health care provider instead of to a hospital. Therefore, it is imperative to educate and train health care professionals at CHCs how to respond to emergency situations. This also alleviates surge capacities at area hospitals.

The challenge facing public health training and education programs such as these programs is lack of funding. The BTCDDP is no longer being funded and other organizations such as CDC, DoD and the NIH, have all cut back on their funding in these areas.

Animal rescue is another issue that is lacking in the academic literature. Dr. Ablah is the deputy director for the Sedgwick County Animal Response Team (SCART). She related that, "An estimated 600,000 animals died from Hurricane Katrina. Most of the emergency shelters set up for people did not allow animals. Many people who died did not evacuate because they chose not to leave without their animals. Pets were the number one reason people would not evacuate, and they were the number one reason people came back too early, before it was safe to do so, to get their pets. It is because of this that SCART is spearheading a partnership with the American Red Cross to co-locate people with their pets in shelters. Not only does it save human and animal lives, but the mental health of humans and their pets is greatly improved as well."

RESEARCHERS AIM TO SPARK INTEREST IN BIOENGINEERING AMONG KANSAS FOURTH-GRADERS

LAWRENCE — A new project spearheaded by researchers at the University of Kansas is deigned to boost passion for science and engineering among fourth-graders across Kansas, with an emphasis on girls and minority students. Called “RET Site: Bioengineering Toolkits for Fourth Grade Teachers,” the initiative will guide elementary school teachers throughout the state in creating programs of study in bioengineering, a discipline in which a high percentage of women earn advanced degrees.

Funded with a \$500,000 award from the National Science Foundation, the undertaking is directed by two prominent women bioengineers at KU — Lisa Friis, Associate Professor of Mechanical Engineering, and Paulette Spencer, Distinguished Professor of Mechanical Engineering and Director, Bioengineering Research Center. For three years beginning in June 2009, KU bioengineering faculty and graduate students will join forces with Kansas grade school teachers during on-campus workshops and at the Greenbush Southeast Kansas Education Service Center to create customized educational materials. This program will be eligible for competitive renewal after the initial three year period.

“We are bringing fourth-grade teachers into the bioengineering lab,” Friis said. “They’ll be learning about bioengineering and developing a toolkit. The teachers will take the toolkit to Greenbush and work with graduate students to refine the toolkit and introduce it to 24 other Kansas science teachers.”

“Toolkits will be hands-on activities for the students, reading materials at their level that explain basic curricular concepts for the fourth-grade,” said Friis. “And the toolkits will give them activities to study what’s going on with the human body. They’ll explain forces and moments and lever arms in terms of body mechanics – things that all the students can relate to directly.”

-Paulette Spencer, DDS, PhD

ANNOUNCEMENTS

- **PHARMACEUTICAL PATENT SEMINAR**

The Biotechnology Innovation & Optimization Center along with KUCTC will present the Pharmaceutical Patent Seminar on [Thursday, Oct 30](#), from 8:30am-12:30pm in the Apollo Room, Nichols Hall, on West Campus, Lawrence. Contact Lanaea Heine for further information: lheine@ku.edu.

- **2008 FACULTY RESEARCH DAY AND POSTER SESSION**

[Thursday, Nov 6](#), beginning at 11:30am. See page 7 for details.

- **TRAINING: How to set up and begin BASIC SCIENCE research**

All faculty members, residents, and fellows are invited to attend. Advanced registration is required: <https://www2.kumc.edu/PDFATraining/>. [Thursday, Nov 13](#), Noon-1pm, G013 SoN.

- **GLOBAL ENTREPRENEURSHIP WEEK, Nov 17-23**

Global Entrepreneurship week is a worldwide initiative linking young people everywhere who are willing to embrace entrepreneurship. Partner organizations, such as KU, will conduct a range of activities designed to inspire, connect, mentor and engage the next generation of entrepreneurs. For more information, visit <http://www.unleashingideas.org>. Activities hosted by KU:

> [Monday, Nov 17](#): Tomahawk Elementary, Olathe Ks, 10:30-11:30am. “Hands on Technology” and Patent Information for second graders.

> [Wednesday, Nov 19](#): Research Administration 101 presentation; 2:30-4:30pm Nichols Hall, Apollo Room, KU-Lawrence, West Campus. The KUCTC presents information on patents, copyrights, trademarks and the formation of university start-up companies.

> [Thursday, Nov 20](#): IP Presentation; 3:00-5:00pm, Dean’s Conference Room, Eaton Hall, KU-Lawrence. The KU School of Engineering will conduct a 3-part research collaboration series for graduate students and faculty on topics that include Funding, Protecting, and Marketing your Research. The KUCTC will facilitate the discussions regarding intellectual property protection of the outcomes of research marketing and licensing of university technologies and formation of start-up companies.

NEW AWARDS CONGRATULATIONS!

- Ablah, Elizabeth:** EPA for Wichita Kansas' Initiative to Renew the Environment, \$200,000
- Aleksunes, Lauren:** NIH for Protective Role of Mrp2 During Chemotherapy-Induced Kidney Injury, \$90,000
- Cheng, Nikki:** NIH for Functions of chemokine and TGF- β signaling in the breast cancer microenvironment, \$120,526
- Daley, Christine:** NIH for Using CBPR to Implement Smoking Cessation in an Urban American Indian Community, \$900,000
- Daley, Christine:** NIH for American Indian and Latino Community Ambassadors to Cancer Research, \$161,700
- Doss, Argenia:** NIH for The effects of Estrogen on the Progression of Diabetic Peripheral Neuropathy, \$49,487
- Fabian, Carol:** Breast Cancer Research Foundation for Risk and surrogate response biomarkers for post-menopausal women, \$199,954
- McCallum, Richard:** NIH for New Diagnosis and Treatment Approaches for Patients with Gastroparesis, \$169,454
- Petroff, Brian:** KTEC for Ovarian protection for fertility preservation in female cancer patients, \$24,630
- Popescu, Mihai:** NIH for Advanced Source Reconstruction Techniques for Fetal Magnetocardiography, \$225,000
- Spaulding, Ryan:** DOE for Provision of cancer-related health services and education from Kansas University Medical Center to rural outreach sites via health information technology, \$287,000
- Stubbs, Jason:** Genzyme Corp for Elucidating the role of FGF23 in disordered mineral metabolism in CKD using mouse genetic approaches, \$150,000
- Thomas, Patricia:** NIH for Kansas PathOlogical Life Sciences Training Program for High School Students and Families: An Inquiry Based Journey from Biomolecule, Bench to Bedside, \$1,246,595
- Wetta-Hall, Ruth:** KHPA for Evaluation of the Enhances Care Management Program in Sedgwick County, Kansas, \$54,232

GRANT RENEWALS CONGRATULATIONS!

- Bergquist Beringer, Sandra:** NIH for A CDSS Translate Pressure Ulcer Prediction and Prevention to Home Health Care, \$46,658
- Bingham, James:** Kansas State Library [DOEd] for Blue Skyways 2009 LSTA Technology Grant, \$60,000
- Burns, Jeffrey:** KUEA for Brain Aging Project; Energy Metabolism and Brain Changes with age and AD, \$9,142
- Carlson, Susan:** NIH for DHA Supplement and Pregnancy Outcome, \$93,150
- Choi, In Young:** KUEA for In Vivo Measurement of Neurochemicals in the Human Brain, \$1,000
- Dunton, Nancy:** American Nurses Assn for NDNQI 2001-2010, \$18,562
- Fox, Michael:** KUCD [DHHS] for Rehabilitation Research and Training Center (RRTC) on Measurement and Interdependence in Community Living, \$3,275
- Krebill, Hope:** Saint Louis University [NIH] for Training Practitioners to Control Obesity and Cancer, \$9,464
- Krebill, Hope:** Saint Louis University [CDC] for Health Promotion and Disease Prevention Research Center (SIP 16-04 Prevention Research Centers' CPRN), \$69,549
- Moranetz, Christine:** DHHS for MPH Faculty Development Grant, \$90,726
- Nollen, Nicole:** Robert Wood Johnson Foundation for The Financial Impact of a la Carte Foods in Kansas Public Schools, \$97,732
- Paschal, Angelia:** Columbia University NYC [CDC] for Prevalence of Epilepsy in Rural Kansas, \$220,500
- Reese, Ronald:** KUCR [DOEd] for Combining Technologies to Maximize Outcomes: Online and Telemedicine Training Programs for Parents of Children with Autism, \$6,393
- Sousa, Valmi:** American Nurses Foundation for An Instrument to Measure Perception of Risk Factors for T2DM, \$7,500
- Spaulding, Ryan:** DHHS for Telehealth Access and Cost-Benefit to Kansas, \$250,000
- Sullivan, Debra:** KUCR [DHHS] for Reducing the Incidence of Obesity in Adults with Developmental Disabilities in Kansas, \$7,760

Notices posted 9/16-10/15/2008. If we have missed a notice of a new award, please accept our apologies and notify us so that we may include your achievement in the next newsletter: dmaloney@kumc.edu

FROM THE DIVISIONS

SPONSORED PROGRAMS ADMINISTRATION

Reminder Concerning Grantee Compliance with Public Access Policy and Related NIH Monitoring Activities (NOT-OD-08-119)
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-119.html>

Due to budgetary constraints, **effective immediately, National Institute of Environmental Health Sciences (NIEHS) will no longer accept any P01 applications**— new, renewal, revised or resubmissions. Program project grants that are currently funded by NIEHS will be allowed to complete their full program period, but will not be able to submit a renewal application when that program period ends. Principal Investigators of currently funded P01s should contact their NIEHS program administrator, as necessary, to discuss options for future support of their research.

Most electronic submissions to NIH on or after Jan 1, 2009, must use Adobe application forms, except:

- ⇒ Small Business Innovation Research (SBIR[R41/R44])/Small Business Technology Transfer (STTR [R41/R42] and Conference (R13/U13) grant applications for the January 7, 2009, AIDS submission deadlines.
- ⇒ Funding Opportunity Announcements (FOAs) with non-standard submission dates expiring on or before January 31, 2009, can use PureEdge until the expiration date (except RFA-AI-08-053 and RFA-RM-08-029, which use Adobe).
- ⇒ The overall electronic submission process of finding opportunities, downloading application packages, preparing forms, preparing attachments, and submitting applications remains the same.
- ⇒ **CAUTION:** Applicants should make sure they are using the recommended versions of Adobe Reader. Versions earlier than 8.1.2 should not be used as they may be corrupt when the completed application is uploaded.

Please be advised: Applicants currently working on a PureEdge grant application to be submitted in Jan 2009, are advised to continue to develop their research plan components and other parts of the application that will be uploaded as attachments, but wait to complete the application forms until the Adobe forms become available in December (unless is it exempted as noted above).

IMPORTANT! New NIH Policy on Resubmission Applications

Please note all original new applications and competing renewal applications submitted for the January 25, 2009 due date and beyond, the NIH will accept only a single amendment (A1) to the original publication, any second amendment (A2) will not be accepted for review.

Original new and competing renewal applications that were submitted prior to January 25, 2009 will be permitted two amendments (A1 and A2).

Please see full announcement at: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-003.html>

ADMINISTRATION

Research Advisory Council members have approved, and the Executive Vice Chancellor has signed into effect, the following KUMC Research Institute policies: 1.1.02 Sponsored Gifts or Research Projects, 2.1.11 Principal Investigator Changes or Absences, and 7.1.07 Publications and Confidentiality. The policies may be found at:

<http://www2.kumc.edu/researchinstitute/spa/spapoliciesdetail.html>

CLINICAL RESEARCH ADMINISTRATION

Clinical Research Administration and the RI welcomes five new employees: Sharon Barnett, administrative support; Rosann Blackmore, clinical trials administrator; Judy Searcy, senior clinical research coordinator; Heidi Warren, program administrator—contract; and Jason Winbolt, program administrator.



KUCTC

Jim Baxendale, right, participating at the Oct. 25 Meet the Science Mentor Fair Day sponsored by KU, KUMC, and UMKC. At left is Elizabeth Penick, PhD, KUMC professor of psychiatry and behavioral sciences. The Fair Day allows students the opportunity to meet area scientists, technologists, engineers, and mathematicians to discuss science research projects.





MEET THE STAFF: TRACI THIEL

Traci came to Kansas City from Virginia where she worked at a law firm as a legal assistant. She joined the Research Institute in 2004 as an administrative assistant to human resources but quickly moved into a position in the Contracts Division as the contracts administrator. In 2007, she was promoted to contracts specialist.

As a contracts specialist, Traci is responsible for reviewing and negotiating contract terms for all research-related agreements, including clinical trial agreements, material transfer agreements, sponsored research agreements, and confidentiality agreements. The most satisfying aspect of her job is learning the complexity that goes into getting research started, setting it up, and the constant monitoring and changes that occur to research as it progresses.

According to Cydney Boler, Contracts Office Division Director, "Traci constantly seeks out new information about research so that she can bring that knowledge to benefit the researchers she works with and the institution as a whole. She's hard-working, although occasionally she likes to play practical jokes so you never know when you might walk in your office and find a fake cockroach on your floor."

Traci enjoys traveling with her husband of five years; a favorite vacation spot is Mexico. She has two pugs, Evie and Mya, who are predictably spoiled and join them on camping trips and drives to visit Traci's family in Nebraska.

SUN	MON	TUE	WED	THU	FRI	SAT
26	27	28	29	30	31	

The last week of October 2008...

- Oct 29: Training Grants for post-docs and junior faculty members, Reike Auditorium
- Oct 30: Pharmaceutical Patent Seminar, KU-Lawrence

November 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Research Institute Calendar

Nov. 6: Faculty Research Day and Poster Session, see page 7

Nov. 11: Veteran's Day Holiday; Offices Closed

Nov. 13: How to Setup and Begin BASIC SCIENCE Research

Nov. 17, 19, 20: KUCTC events as part of Global Entrepreneurship Week

Nov. 27 & 28: Thanksgiving Holiday; Offices Closed



The Research Institute would like to thank the following individuals for their contribution to the November newsletter: Elizabeth Ablah, PhD, MPH; Ed Ellerbeck, MD, MPH; Le-Thu Erasmus; Teri Lester; Kathy Schleeter; Paulette Spencer, DDS, PhD; and Sarah Van Dalsem.

Submission deadline for December issue: 11/17/2008



Faculty Research Day

Thursday, November 6, 2008



Keynote Speaker

Michael F. Holick, MD, PhD
*Director General Clinical Research Center,
Director Bone Health Care Clinic,
Professor of Medicine, Physiology and Biophysics
Boston University School of Medicine*
***“Shining a Light on the Health
Benefits of Vitamin D”***

11:30 AM – 3:30 PM School of Nursing Auditorium (G013)

12:00 PM – 1:00 PM - Keynote Address

1:00 PM – 3:30 PM - Presentations and honoring faculty and staff

Chancellors Club Research

Faculty Investigator Research

KUMC Biomedical Training Grant Scholars

Kansas IDeA Network of Biomedical Research Excellence Faculty Scholars

Research Grant Administrator

Noffsinger Investigator

**3:30 PM – 5:00 PM Kansas Life Science Innovation Center
Poster Viewing and Reception, *Beller Conference Center***

Contact Kelly Robertson at (913) 588-5436 in the KUMC Research Institute for questions



December 9, 2008

9:00 AM – 1:00 PM

B018 School of Nursing at

The University of Kansas Medical Center

Please register at - <https://www2.kumc.edu/PDFATraining/>

Good Customer Service for Research Administrators

How to Support the Research Endeavor at Your Institution

With new demands emerging from sponsors, faculty and institutional management on a daily basis, how do Research Administrators define Good Customer Service?

Our panel of experts will examine *who* is the Customer and *what* constitutes Good Customer Service. They will look at the roles of the Central Sponsored Programs office and the role of the Departmental Administrator. The faculty will explore the elements of customer service that works both ways between central and departmental research administrators, and how this relationship is critical to good service to the ultimate customer: the PI. They will discuss approaches as to how to communicate to your customers in a way that lets them know that you are both working toward a common goal.

Some of the elements of customer service that will be covered are:

- Speed
- Accuracy
- Transparency
- Politeness
- Compliance

The Sponsor as the Customer will also be examined as good communication is critical to insuring that this customer is best served – while keeping your researchers content.

Moderator:

Kim Moreland, Associate Vice Chancellor of Research Administration, University of Wisconsin – Madison

Faculty:

David Richardson, Assistant Vice President for Research and Director, Office of Sponsored Programs, Pennsylvania State University

Cynthia White, Director, Sponsored Programs, Belmont University

To register for this event please visit <https://www2.kumc.edu/PDFATraining/> or for inquiries contact Kelly Robertson at krobertson@kumc.edu, or 913/588-5436

* Two 15-minute breaks are included – Light refreshments will be available – You are welcome to bring a sack lunch

** This is a DVD of the NCURATV program that was aired via satellite on September 9, 2008