

OCTOBER 2008



OCTOBER IS NATIONAL BREAST CANCER AWARENESS MONTH



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**SYMPOSIUM PRESENTED ON  
TRANSLATIONAL BIOLOGY AND  
MEDICINE: PEOPLE AND IDEAS AT  
WORK**

Steven D. Averbuch, MD, University of Kansas School of Pharmacy alumnus and current Vice President of Oncology Transition Strategy & Development and Head, Pharmacodiagnosics, Oncology Global Clinical Research, Bristol Myers Squibb Company, was the keynote speaker at the September 16, 2008, symposium. The theme of the symposium, hosted by KU Center for Technology Commercialization, KU Endowment, and the Office of Therapeutics, Discovery and Development was *Translational Biology and Medicine: People and Ideas at Work!*

Dr. Averbuch's hour-long presentation addressed "Translating Pharmaceutical Development into Clinical Benefit." In part, the presentation discussed the major issue of the significant cost of drug development due, in large part, to late clinical trial failures. Specific proposals discussed were implementing more disciplined decision-making, better Phase 2 clinical trial designs, and incorporating biomarkers for earlier proof of concept and patient stratification in clinical

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Panel Discussion on Innovation moderated by KU Center for Technology Commercialization Director James Baxendale (far right). From left, Cory Berkland, PhD, Val Stella, PhD, David M. Chao, PhD, and keynote speaker Steven Averbuch, MD / photo by Kevin Boatright

**THE BIG BROWN BAT**

The appearance of a bat in the Research Institute and the ensuing commotion has prompted us to take a closer look at these creatures. According to Robert Timm, PhD, professor in the Department of Ecology and Evolutionary Biology at The University of Kansas, as well as curator of mammals at the Natural History Museum, the RI was visited by an *ptesicus fuscus*, or "big brown bat." Big brown bats commonly live in older buildings and only need 1/2" of space to move about; they are good crawlers. Bats are not considered dangerous and although they do have the potential for rabies, it is rare. Notwithstanding, it is advised to never touch a bat with your bare hands because their instinct is to bite in self-defense. However, they are not the type of creature, Dr. Timm assures, to fly around and get caught in your hair, or to attack.

Big brown bats feed on a wide variety of insects, especially beetles that are caught in flight.

If a bat is seen in the office, do not panic and do not attempt to remove the animal yourself. Simply leave the bat alone, and notify KUMC Facilities Operations so they can handle the situation. Our guest was removed by KCK Animal Control and released in an area park.

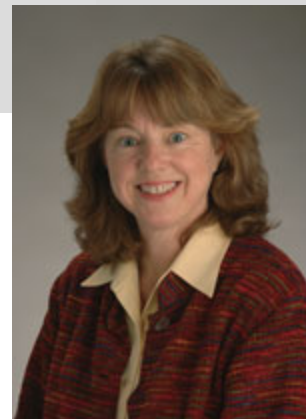
To learn more about bats and other mammals of Kansas, please visit Dr. Timm's collaborative website at [http://www.ksr.ku.edu/libres/Mammals\\_of\\_Kansas/](http://www.ksr.ku.edu/libres/Mammals_of_Kansas/).



Photo by Barbara L. Clauson  
Photo courtesy of Robert Timm, PhD

# Kristine Williams, RN, PhD

## Associate Professor, School of Nursing



Kristine Williams, RN, PhD, is an associate professor in the School of Nursing. Dr. Williams's most recent research focused on the effects of "elderspeak" on older adults with dementia. Elderspeak is a form of communication that sounds like baby talk that staff in nursing homes sometimes use when speaking to older adults. Dr. Williams chose to research this topic, in particular, after she was advised a few years ago that elderspeak was an acceptable form of communication when interacting with older adults who had diminished cognitive abilities. Questioning this advice, Dr. Williams applied for and received a grant from the National Institute of Nursing Research to study the effects of elderspeak on older adults with dementia. Dr. Williams led a team of individuals who assisted her including Ruth Herman, PhD, assistant research professor of Gerontology at University of Kansas, Byron Gajewski, PhD, associate professor in the department of Biostatistics at KUMC, and Kristel Wilson, research assistant. Study results demonstrated that nursing home residents with dementia were twice as likely to resist care when nursing staff communicated with them using elderspeak. Resistance to care, as the study states, includes aggression, withdrawal, vocal outbursts and wandering. Increased agitation in a resident in turn adds to nursing stress. To read the complete publication, please click here: <http://aja.sagepub.com/cgi/rapidpdf/1533317508318472v1>.

Dr. Williams states that her goal is to implement training programs that will teach nurses how to communicate effectively with older adults who have dementia in order to reduce resistance-to-care.

Many people can relate to situations with older adult in their families, which has translated into a high interest in Dr. Williams's research from the media. Below are links to her appearance on ABC News and her interview with Walt Bodine on KCUR.

**ABC News: 'Baby Talk' Irritates Alzheimer's Patients** by Allyson T. Collins

<http://abcnews.go.com/Health/ActiveAging/story?id=5452861&page=1>

**Walt Bodine, 8/18/2008:** <http://archive.kcur.org/kcurViewDirect.asp?PlayListID=5971>



**Williams, K., Herman, R., Gajewski, B., & Wilson, K. (2008, in press).** Elderspeak communication: Impact on dementia care. *American Journal of Alzheimer's Disease and Other Dementias*. OnlineFirst, published on June 30, 2008 as doi:10.1177/1533317508318472

## Symposium

(Continued from page 1)

trials.

The future of cancer drug development, Dr. Averbuch predicts, includes hundreds of new potential cancer therapies that will emerge from research over the next decade. "Industry-academic collaborations are necessary to progress the scientific agenda and to realize the values for patient benefit," he said.

The program also included a panel discussion moderated by KU CTC Director James Baxendale. The panel included Dr. Averbuch; Cory Berkland, PhD assistant professor of Pharmaceutical Chemistry at KU; Val Stella, PhD, distinguished professor of Pharmaceutical Chemistry at KU; and David Chao, PhD, president and CEO of BioMed Valley Discoveries, Inc., and executive vice president of Stowers Institute of Medical Research. Questions fielded by the panel revolved around personal experiences in start-up companies and bringing innovations to market, including lessons learned from both failures and successes.



# NEW AWARDS

## CONGRATULATIONS!

- Behbod, Fariba:** NIH for *Role of Cancer Stem Cells in Malignant Progression of Human DSIS*, \$119,070
- Berman, Nancy:** Merck & Company Inc for *CGRP and Peripheral Sensitization in a Rat Behavioral Model of Migraine*, \$70,985
- Berman, Nancy:** Migraine Research Foundation for *A behavioral model of menstrual migraine*, \$48,500
- Freeman, Joshua:** DHHS for *Infrastructure for Addressing Imbedded Health Disparities Project (IAIHD)*, \$418,758
- Kellerman, Rickey:** DHHS for Working Group in Family Medicine to Minority and Underserved Populations, \$450,186
- Neuberger, John:** Bayer CropScience LP for Thyroid Cancer Study and Investigation at the Bayer Crop-science Facility in Stilwell, Kansas, \$138,458
- Nollen, Nicole:** Robert Wood Johnson Foundation for *The Financial Impact of a la Carte Foods in Kansas Public Schools*, \$149,810
- Peterson, Kenneth:** NIH for *Transactivation of Fetal Hemoglobin*, \$1,275,000
- Richter, Kimber:** NIH for *Telemedicine for Smoking Cessation in Rural Primary Care*, \$2,947,233
- Savage, Cary:** NIH for *Brain Function Predictors and Outcome of Weight Loss and Weight Loss Maintenance*, \$1,354,110
- Shireman, Theresa:** NIH for *Are Cardioprotective Medications Effective in ESRD?*, \$1,126,047
- Vierhauer, George:** KUEA for Preclinical proof of concept, \$10,000
- Wallace, Darren:** Private Sponsor, \$99,060
- Yankee, Thomas:** NIH for *The effects of Morphine on the Immune Responses against HIV*, \$300,000

# GRANT RENEWALS

## CONGRATULATIONS!

- Buch, Shilpa:** NIH for *Morphine and the Neuropathogenesis of SIV in Macaques*, \$449,154
- Calvet, James:** NIH for Kansas Interdisciplinary Center for PKD Research, \$1,038,411
- Chertoff, Mark:** RNID for Diagnosing Auditory Nerve Degeneration, \$90,318
- Dunton, Nancy:** American Nurses Association for NDNQI 2007-2010, \$9,937
- Enna, Salvatore:** University of Nebraska Medical Center [Proctor and Gamble Company] for *Antinociceptive properties of alpha2-adrenoceptor agonists*, \$18,625
- Frazier, Linda:** NIH for *Improving Communication with IVF Patients about Risks Such as Multiple Births*, \$181,302
- Quarles Jr, Darryl:** NIH for *Extracellular Calcium Sensing Receptors in Osteoblasts*, \$276,967
- Reed, Gregory:** NIH for *Probe Drugs for Botanical-Drug Interactions*, \$174,852
- Sawyer, Tama:** DHHS for Poison Control Stabilization and Enhancement Program: Mid-American Poison Control Center Certification, \$207,744
- Staecker, Hinrich:** NIH for *Development of Atonal Therapy for Bilateral Vestibular Hypofunction*, \$403,436
- Staker, Martha:** KUCR [DOEd] for Early Reading First Wyandotte County, \$276,175
- Vanden Heuvel, Gregory:** NIH for *Cux-1 and Cell Cycle Regulation in Kidney Development*, \$287,912
- Wan, Yvonne:** NIH for *Retinoids, Xenobiotic Metabolism, and Tumor Promotion*, \$313,611

Notices posted for NGAs received 8/16/2008-9/16/2008. If we have missed a notice of an award, please accept our apologies and notify us so that we may include your achievement in the next newsletter: [dmaloney@kumc.edu](mailto:dmaloney@kumc.edu)

# FROM THE DIVISIONS

## SPONSORED PROGRAMS ADMINISTRATION

The National Institutes of Health (NIH) has issued a clarification of the NIH Policy on Late Submission of Grant Applications. The policy language has been changed to read: "Late applications have been accepted for reasons such as: death of an immediate family member of the Principal Investigator, sudden acute severe illness of the Principal Investigator or immediate family member, or large scale natural disasters. Recent service by the Principal Investigator **only** (this does **not** include other participants in the application) on an NIH extramural review group, NIH Board of Scientific Counselors or Advisory Board/Council that could reasonably be expected to require a time commitment that could have been used to prepare an application is also an allowable reason." The NIH notice may be read in its entirety at: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-08-111.html>.

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### **\*ALL NIH R01 APPLICANTS**

Please note that ALL NIH R01 (Research Project Grants) proposal submissions for the Oct. 5 cycle deadline MUST be submitted electronically via GRANTS.gov.

**If you are planning to submit a NIH R01 proposal for this deadline, please send a brief e-mail of intent to [spa@kumc.edu](mailto:spa@kumc.edu) ASAP.** Your e-mail response to [spa@kumc.edu](mailto:spa@kumc.edu) must contain the following information:

- \* Principal Investigator Name
- \* Department
- \* Funding Opportunity Number (PA, PAR)
- \* Funding Mechanism: R01

Please see the Parent R01 Program Announcement (PA-07-070) at:

<http://grants.nih.gov/grants/guide/pa-files/PA-07-070.html>

Please also see out NIH-GRANTS.gov reference site at:

[http://www2.kumc.edu/researchinstitute/spa/spa\\_nih\\_grants\\_gov\\_reference\\_site.htm](http://www2.kumc.edu/researchinstitute/spa/spa_nih_grants_gov_reference_site.htm)

**A hard copy of the draft proposal (completed forms and draft research plan) must be provided to the SPA office 12 business days prior to agency deadline for initial proposal review and feedback.**

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**NIH Begins Implementation of Changes to Peer Review System.** The most significant challenges facing the peer review system were discussed by the Advisory Committee to the Director and the NIH Steering Committee. The implementation effort is now focused around:

- ◆ fulfilling the mission of funding the best science, by the best scientists;
- ◆ developing approaches that minimize administrative burden for the applicant and review community;
- ◆ communicating clearly the changes to the policies, processes, and guidelines to the applicant community, reviewers, and staff at NIH and other federal agencies; and
- ◆ defining metrics and developing plans to obtain data to evaluate the impact of proposed policy changes once implemented.

More details on changes to the peer review system will be announced later this year. For more information at this stage: <http://enhancing-peer-review.nih.gov>

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Research.gov is Beta Testing Application Status Search. Research.gov, a new initiative by NSF, is designed as a phased-in approach to providing the grantee community access to research grants management services and other resources all in once place. Eventually, Research.gov will become the successor to NSF's FastLane and provide a host of services, including the application status search function that is being beta-tested right now.

*(Continued on page 5)*

# FROM THE DIVISIONS

## Sponsored Programs Administration

(Continued from page 4)

Currently in beta testing, the first service to be offered is an application status search that allows institutions to check on the status of grant proposals for the agencies that participate in Research.gov. Both PIs and research administrators will be able to view a history of submissions and award notices; panel summaries will also be accessible, but to PIs only.

Other business services to be offered in the future include federal financial report submission, research performance progress report submission, and a payment and cash request portal.

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**National Cancer Institute (NCI) change in allowable requested budget levels of renewal (Type 2) R01, U01, and P01 Applications. This change is effective for renewal applications that have receipt/submission dates on and after Oct 1, 2008.** For all such renewal applications, the direct cost budget request for the first year cannot generally exceed an increase of 10% over the direct cost budget awarded for the last year of the prior project period (i.e. the last Type 5 award). This dollar cap for the direct cost increase is exclusive of any consortium/sub-contractual component of F&A costs that may appear as direct cost in the budget of the applicant organization.

Applicants submitting renewal applications are also cautioned that: In addition to this new salary cap, the NCI may still mandate further reductions of awards to fit within the likely constraints of the budget. All awards, therefore, continue to be subject to future overall NIH and NCI cost-containment principles in effect at the time of award issuance. Please review the complete notice at:

<http://grants.nih.gov/grants/guide/notice-files/NOT-CA-08-026.html>

## ADMINISTRATION

KUMC Research Institute Policy 6.1.07: Scholarships and Fellowships, has been approved by RAC (Research Advisory Council) members and the Executive Vice Chancellor. The policy is now posted on the KUMC Research Institute website: <http://www2.kumc.edu/researchinstitute/spa/spapoliciesdetail.html>

## FINANCE

PeopleSoft Financials will be down for approximately two weeks while KUMC upgrades the system, beginning at noon on Friday, Sept. 26. The Research Institute Accounts Payable office will remain open during that time to receive invoices and take phone calls, but the office will be affected by the system shutdown and checks will not be printed. The AP staff have decided to take this time to move into their new space in **3034 Delp**.

## KU CENTER FOR TECHNOLOGY COMMERCIALIZATION

KU CTC welcomes Bernadette Porter and Jason Chambers. Bernadette is the legal extern joining the Kansas City campus and Jason is the student intern working on the Lawrence campus.

The Center also co-hosted a successful symposium in September; see page 1 for related story.



# Announcements

- **TRAINING: IRB SURVIVAL PART 1**  
**Monday, Oct. 13**, 1014 Orr-Major Classroom. Registration Required:  
<https://www2.kumc.edu/PDFATraining/>
- **SHARED USE BIOMEDICAL RESEARCH EQUIPMENT GRANT PROGRAM REQUEST FOR NOMINATIONS**  
This is a request for proposals for the Shared Use Biomedical Research Equipment Grant Program. These proposals are initially evaluated and prioritized by the applicable school's research committee. In order to meet the necessary time frames, applications are due to your school's respective research committee for review by **Wednesday, Oct. 15**. All applications will subsequently be reviewed by the Faculty Assembly Research Committee and final awards announced in January 2009. See link for instructions:  
[http://www2.kumc.edu/researchinstitute/admin/faculty\\_programs/2009sharedresearchequipment.pdf](http://www2.kumc.edu/researchinstitute/admin/faculty_programs/2009sharedresearchequipment.pdf)  
**For questions or additional information contact:** Paul F. Terranova, PhD, Vice Chancellor for Research, Ext. 8-7068, [pterrano@kumc.edu](mailto:pterrano@kumc.edu) or Kelly Robertson, Ext. 8-5436, [krobertson@kumc.edu](mailto:krobertson@kumc.edu)
- **RFP: FY 2009 FALL BRIDGING, CLINICAL PILOT AND LIED BASIC SCIENCE PROGRAM**  
The KUMC Research Institute Board of Directors and Research Committee are pleased to announce the Request for Proposals (RFP) for the FY 2009 Fall Bridging, Clinical Pilot and Lied Basic Science Program. RFPs are due **Tuesday, Oct. 21**. For additional information, please access the website:  
<http://www2.kumc.edu/researchinstitute/admin/forms/Spring%20Bridging%20Announcement%20FY2008.pdf>. For additional information, please contact Kimberly Barksdale, [kbarksdale@kumc.edu](mailto:kbarksdale@kumc.edu)
- **TRAINING: HOW TO THINK THROUGH A GRANT BUDGET**  
**Thursday, Oct. 23**, Wahl Hall East Auditorium. Registration required:  
<https://www2.kumc.edu/PDFATraining/>
- **OPRENDA "BILL" NARAYAN MEMORIAL SYMPOSIUM**  
The Department of Microbiology, Molecular Genetics & Immunology and the Department of Molecular & Integrative Physiology are sponsoring a symposium to honor the contributions of Oprenda "Bill" Narayan, DVM, PhD (1936-2007). **Oct. 23-25**, Beller Conference Center, Kansas Life Sciences Innovation Center. Contact Elizabeth Jenkins with questions: [ejenkins2@kumc.edu](mailto:ejenkins2@kumc.edu)
- **TRAINING: TRAINING GRANTS FOR POST-DOCS AND JUNIOR FACULTY MEMBERS**  
**Wednesday, Oct. 29**, Rieke Auditorium. Registration required:  
<https://www2.kumc.edu/PDFATraining/>
- **RESEARCH EVENTS by PDFA**  
The School of Medicine Office of Professional Development and Faculty Affairs offers presentations and workshops for faculty members in the areas of academic and clinical research including grant writing skills, teaching skills, professional writing skills, mentoring, career & professional growth, and leadership. PDFA calendar of events and advanced registration:  
<https://www2.kumc.edu/PDFATraining>
- **WORKSHOPS FOR RESEARCHERS**  
For a complete listing of all research related presentations, workshops and events on the KUMC campus, and in the communities of Kansas City and Lawrence go to:  
<https://www.kumc.edu/som/facdev/researchers.html>



The Research Institute would like to thank the following individuals for their contribution to the October 2008 Newsletter: Steven D. Averbuch, MD, Kevin Boatright, Stephanie Grinage, Kathy Schleeter, Kristine Williams, RN, PhD, Robert Timm, PhD, and Sarah Van Dalsem.

Submission deadline for November issue: 10/20/2008

# MEET THE STAFF: "UNDER THE MICROSCOPE" FEATURED EMPLOYEE Kelly Robertson



In 2000, Kelly Robertson joined the Research Institute team following a position in the School of Medicine Student Affairs Office. She is the administrative officer to the Associate Vice Chancellor for Research Administration, KUMC and Executive Director, KUMC Research Institute, Greg S. Kopf, PhD.

Kelly is a valuable resource for faculty members with events such as the annual KUMC Faculty Research Day that she organizes; this year it will be held on November 6. She is the secretary to the Faculty Assembly Research Committee which oversees the Faculty Travel Awards, Research Faculty Investigator Awards, and the Shared Use Biomedical Research Equipment Grant Program. In addition, she organizes the reviews of the Chancellor's Club Research Award and the Research Grant Administrator Awards. More recently, Kelly has been appointed to assist with the School of Medicine's Resident and Fellow Research Day, in early May.

Kelly enjoys spending time with her husband of "Sweet 16" years and her two girls. Her favorite pastimes are boating and fishing on lakes near and far, where she usually catches the biggest fish, although not necessarily the most fish. On weekends, she can also be found rocking out with her daughters on Nintendo Wii's *Guitar Hero*<sup>®</sup>.

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30				

*The last week of September 2008 ...*

Sept. 30: EVENT: How to setup and begin CLINICAL Research, G013 SoN; registration required.

## October 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	31	

## Research Institute Calendar

**Oct. 13: IRB Survival, 1014 Orr-Major Classroom**

**Oct. 15: DUE: RFN Applications, Shared Use Biomedical Research Equipment Grant Program**

**Oct. 21: DUE: RFPs for FY2009 Fall Bridging, Clinical Pilot, and Lied Basic Science Program**

**Oct. 23: How to think through a Grant Budget, 4024 Varnes, 4th Floor SoN**

**Oct. 23-25: Oprenda "Bill" Narayan Memorial Symposium, Beller Conference Center, KS Life Sciences Innovation Center**

**Oct. 29: Training Grants for post-docs and junior faculty members, Rieke Auditorium**