

BRAIN WAVES

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September 7, 2007

SIX-YEAR DEPARTMENTAL REVIEW

This fall we must complete a six-year review for the Dean of the College of Medicine. This important process allows us to complete a self-study of the strengths, weaknesses and goals of the department. It is an opportunity to examine our past and plan for the future.

We will be scheduling a number of meetings with all faculty, students and staff in the next six weeks. These meetings will be held with Julie Poole, our Department Administrator and Dr. Don Gash, the Department Chair. We truly want people to express their candid opinions about and ideas for the department. Please respond promptly to the meeting requests that are being sent via email. If the proposed time conflicts with your schedule, please inform us as soon as possible and we will propose another meeting date.

Just a reminder: you have been contacted about the anonymous survey available to rate the department and input your own commentary. Please complete the survey to allow us to get a thorough reflection of our department.

Once again the link to the survey is:

http://www.surveymonkey.com/s.aspx?sm=Mb0UXDs8LQwDaU5hwqa9OO_3d_3d

We truly appreciate all of your cooperation in this process and look forward to your insight and ideas. Thank you.

~ **Avalon Sandoval**, Administrative Assistant to the Chair

BIOSAFETY- THE RIGHT CHAIR FOR YOUR LAB

The 5th edition of Biosafety in Microbiological and Medical Laboratories states that at biosafety level 1 (BSL1) "chairs used in laboratory work must be covered with a non-porous material that can be easily cleaned and decontaminated with appropriate disinfectant". Due to the fact that all biosafety levels build upon BSL1 practices, this requirement applies to all lab chairs. Many labs have been unaware of this requirement and are currently using cloth chairs. If you have cloth chairs in the lab, we suggest using them in areas where the risk of contamination is lower. For example, use a cloth chair at a microscope instead of in a tissue culture room. When purchasing new lab chairs, avoid cloth. Also, you may consider covering the chairs with vinyl or plastic. One company will custom make non-porous covers for your existing cloth chairs ([click here](#)). If you have questions about the chairs in your lab, please contact the Department of Biological Safety.

~ Material courtesy of the [UK Biosafety News](#)



DON M. GASH, PH.D.
CHAIR,
ANATOMY & NEUROBIOLOGY

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SPECIAL POINTS OF INTEREST:

- The next Faculty Meeting is scheduled for Friday, **September 14** at 12:00pm in MN 136.
- We need your nominations for Employee of the Third Quarter. See Page 5.

IBS ORIENTATION

IBS Orientation 2007 was very successful this year as it allowed prospective students to glimpse into the department's research interests but also provided a strong forum for interaction and discussion between the IBS students, our faculty and our current graduate students.



NATIONS HAVE RECENTLY BEEN LED TO BORROW BILLIONS FOR WAR; NO NATION HAS EVER BORROWED LARGELY FOR EDUCATION.

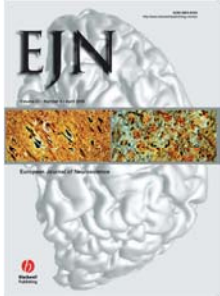
PROBABLY, NO NATION IS RICH ENOUGH TO PAY FOR BOTH WAR AND CIVILIZATION.

WE MUST MAKE OUR CHOICE; WE CANNOT HAVE BOTH.

~ ABRAHAM FLEXNER ~

Professional Announcements

Publications



Onifer SM, Rabchevsky AG, **Scheff SW**. Rat models of traumatic spinal cord injury to assess motor recovery. *ILAR Journal*, 48:385-395, 2007.

Kaas JH, Qi H-X, Burish M, Gharbawie O, **Onifer SM**, Massey JM. Cortical and subcortical plasticity in the brains of humans,

primates, and rats and primates after damage to sensory afferents in the dorsal columns of the spinal cord. *Experimental Neurology*, in press, 2007.

Onifer SM, Nunn CD, Decker JA, Payne BN, Wagoner MR, Puckett AH, Massey JM, Armstrong J, Kaddumi EG, Fentress KG, Wells MJ, Calloway CC, Schnell JT, Whitaker CM, Burke DA, Hubscher CH. Loss and spontaneous recovery of forelimb evoked potentials in both the adult rat cuneate nucleus and somatosensory cortex following contusive cervical spinal cord injury. *Experimental Neurology*, in press, 2007.

Titsworth WL, **Onifer SM**, Liu N, Xu X-M. Focal phospholipases A2 group III injections induce cervical white matter injury and functional deficits with delayed recovery concomitant with Schwann cell remyelination. *Experimental Neurology*, 207:150-162, 2007.

Publications

Burke DA, Magnuson DSK, Nunn CD, Fentress KG, Wilson ML, Shum-Siu AH, Moore MC, Turner LE, King WW, **Onifer SM**. Use of environmentally enriched housing for rats with spinal cord injury: The need for standardization. *Journal of the American Association for Laboratory Animal Science*, 46:35-42, 2007.

Announcements

Dr. Jane Joseph was recently awarded the following grant from the National Institute of Child Health and Human Development, R01 HD052724 "Functional Neuroanatomy of Developmental changes in face processing" Principal Investigator: J. Joseph (35% effort) Total Direct Costs: \$ 1,062,500 August 10, 2007 – May 31, 2012. CONGRATULATIONS!!

Dr. Edward D. Hall is now the President of the National Neurotrauma Society.

Dr. Diane Snow is now the treasurer-elect of the National Neurotrauma Society.

Dr. Jonathan Lifshitz is the International Liaison and Website Coordinator for Women in Neurotrauma Research.

Dr. Ying Deng-Bryant was a Student Poster Competition Finalist at the National Neuro-

Announcements

trauma Meeting, July 30th-August 1st.

Dr. Jonathan Lifshitz, Assistant Professor of Anatomy & Neurobiology and SCoBIRC Core Faculty Member received this year's Young Investigator Award from the Brain Injury Association of America during the 25th Annual Neurotrauma Symposium held in Kansas City, MO this week. The award recognizes "Scholarly Contributions to Brain Injury Research" by a junior faculty member. Dr. Lifshitz beat out some strong competition for the award. He joined the University of Kentucky Department of Anatomy & Neurobiology and SCoBIRC on January 1, 2007 following outstanding training in brain injury research at UCLA, University of Pennsylvania and the Medical College of Virginia.

Presentations

Dr. Ying Deng-Bryant presented "Neuroprotective Effects of Tempol, a Catalytic Scavenger of Peroxynitrite-Derived Free Radicals, in the Mouse Controlled Cortical Impact Injury Model" at the National Neurotrauma Meeting, July 30th-August 1st.

FACULTY MEETING HIGHLIGHTS

- Dr. Darrell Jennings opened the meeting to discuss the upcoming academic changes in the College of Medicine. There are plans to create a satellite campus in order to increase the number of students by 30%. Renovations of classrooms, the gross lab, etc will occur to accommodate these new students. There will also be some revamping of space course directors have available for classrooms. Two additional full-time lines will be created to help with in the increased workload. They may end up being two additional faculty members or be split among a group of lecturers.
- The Quality and Assurance Control policies overseen by the Course Curriculum Committee will help guarantee that each course has an individualized plan to address quality issues should the range of faculty evaluations not be met (under 2.0). The first step in this process is to have the course director address the issue with an improvement plan approved by the departmental chair. If the course does not approve after one year of this plan, an audit will be conducted. The audit will interview all the faculty and students associated with the course to evaluate the unresolved issues. The process is meant to be constructive and not punitive.
- The College of Medicine 50th Anniversary will be held in 2010. Preparations have already begun.
- Bridge funding will still be evaluated on a case by case basis.
- IBS needs to have a formal policy regarding the choosing of mentors so no students are left without one.
- The department will be gathering information to present to the Dean for the Six-Year Review due on November 1.
- IBS Orientation was held Monday, August 6 at the Red Mile Clubhouse. If you have any suggestions to improve the process, please contact Dr. Diane Snow at diane.snow@uky.edu.
- Two Research Faculty Members will be hired this year. Their seminars are scheduled for mid to late September.

Departmental Birthdays

Comings and Goings



September

Dr. Fe Dimayuga ~9/6

Dr. Mei Liu ~ 9/12

Phil Ray ~ 9/12

Sarah Martin ~ 9/203

Michelle Stephens ~ 9/21

Dr. Jeff Keller ~ 9/24

Dr. Guoying Bing and his lab members have moved from the Whitney-Hendrickson Building to the Medical Sciences Building in the MN corridor. They will be taking over Dr. Kurt Hauser's former space.



Dr. Richard Grondin will be taking over some of Dr. Bing's former space as he develops his own research laboratory now that he is an Assistant Professor in the Regular Title Series. Congratulations on your new position!

Dr. Zhiming Zhang will also be starting his own research laboratory with space in the Whitney-Hendrickson Building as an Associate Professor in the Regular Title Series. We wish you the best in your new role!



Good Luck to Everyone and Their Moves!

Employee of the Quarter

THE EMPLOYEE OF THE
 QUARTER
 COMMITTEE NEEDS YOUR
 NOMINATIONS!!



Please submit
 your nominations
 to either



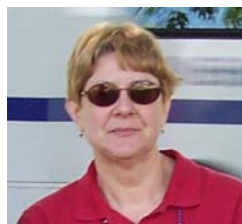
Kim Wilkerson or Joey Rose

kdwilk1@email.uky.edu

or

joey@uky.edu

The nomination form is located on the next page.



Congratulations to Dr. Kathy Franklin on her promotion to Scientist III in Dr. Marilyn Duncan's lab!

This month the Gash lab bids a sad farewell to Ashley Walton. Ashley has accepted a position in the Office of Research Integrity as the Animal Welfare Specialist Liaison. CONGRATULATIONS, ASHLEY, ON YOUR NEW POSITION!! WE WILL MISS YOU!



Last month the department bid farewell to one of our graduate students, Dr. Ying DengBryant from Dr. Jim Geddes' lab. Dr. DengBryant will be continuing her research in traumatic brain injury as a post-doctoral scholar at the University of California, Los Angeles in the Department of Surgery and

Neurosurgery. Good luck, Ying!

Employee of the Quarter Nomination Form

The Quarterly Employee Awards are will be announced at the Departmental Bashes - May (for nominations submitted January through March); August (April through June); October (July through September) and December (October through December). The Employee of the Year Award will be selected from the winners throughout the year and will be announced annually at the Annual Holiday Potluck. **Due to Joey Rose or Kim Wilkerson ASAP.**

When considering someone for the award, think of the individual who has made your job easier or assisted you in performing your job. To complete the nominations please complete the following questions. Use additional paper or the back of this if necessary.

Date: _____ Candidate: _____

Nominator: _____

Is this individual a regular full-time employee in the Department of Anatomy & Neurobiology? _____ Yes _____ No

1. What attributes or actions make this individual worthy of your nomination? Give examples.

2. How is this individual an asset to the Department of Anatomy & Neurobiology? Give examples.

3. How have you seen this individual contribute to the UK and/or greater community? Give examples.

4. With 1 = average and 5 = outstanding, please rank the nominee in the following areas:

Quality of work: 1 2 3 4 5

Attitude toward performing job duties: 1 2 3 4 5

Problem solving skills: 1 2 3 4 5

Willingness to help others: 1 2 3 4 5

Service to the department/university: 1 2 3 4 5

Submit to Kim Wilkerson in MN 225 Medical Sciences Bldg. 0298 Phone: 323-6926

Anatomy & Neurobiology

MN 225 Medical Sciences Building
 Lexington, KY 40536-0298
 Phone: 859-323-5155
 Fax: 859-257-6700

<http://www.mc.uky.edu/neurobiology/>

Please send comments & submissions to Avalon Sandoval at asand1@email.uky.edu or call 859-257-5036.

The Next Deadline is September 21, 2007

Available Training

Training for the Labs

The University requires safety training classes to be completed before beginning certain types of work. The requirements apply to all individuals involved in the covered work, including faculty, staff, students, postdocs, visiting researchers and volunteers. To find out what classes you need to take, consult the [Training Checklist](#).

NOTE: Anyone who works with chemicals in a laboratory **must** complete the following three classes: Chemical Hygiene Plan/Laboratory Safety, Hazardous Waste, and Fire Extinguisher Use.

Chemical Hygiene Plan/Lab Safety
 This class is available [online](#).

Bloodborne Pathogens This class is available upon request and [online](#).

Hazardous Waste This class is available [online](#).

Initial Radiation Safety: Initial Radiation Safety (~ 15 minutes total) is offered every day at 1:30 pm at the Radiation Safety Office, 102 Animal Pathology Building (other times can be arranged). You must bring two completed forms with you: On-Site Radiation Safety Training Form and Radiation Worker Registration Form, both signed by your Authorized User or unit supervisor. If you have questions, contact Tracy Cayson at 323-6777.

Basic Radiation Safety

September 19	9a-12p	HS504 HSLC
October 24	9a-12p	HS504 HSLC
November 15	1-3p	HS504 HSLC

Advanced Radiation Safety is only available [online](#).

Fire Extinguisher Use is available [online](#).

Preventing Sexual Harassment is also a **MANDATORY** training. This training can be done online at (<http://training.newmedialearning.com/psh/ukentucky/index.htm>). Remember to print your certificate when complete; sign it and turn it in to Dalene to be placed in your personnel file.

Ignoring these MANDATORY trainings can result in dismissal from employment at the University of Kentucky

NOTE: *Online courses can only be taken using a UK computer.*

Human Resources

Development course offerings

<http://hr.uky.edu/TandD/welcome.php>

- 9-11 ~ Business Etiquette
- 9-17 ~ Communicating Across Cultures
- 9-18 ~ Personal Decision Making
- 9-20 ~ Trip Manager
- 9-21 ~ Generational Diversity: Managing Boomers and Xers
- 10-8 ~ Teamwork in a Changing Workplace
- 10-9 ~ Coaching Your Front Line Staff

- 10-9 ~ Providing Exceptional Customer Service
- 10-10 ~ Managing Change
- 10-12 ~ Basics of Diversity
- 10-15 ~ Leading Effective Teams
- 10-16 ~ Crucial Confrontations
- 10-17 ~ Principles of Effective Writing
- 10-19 ~ Basics of Leadership
- 10-22 ~ Developing a Winning Image
- 10-23 ~ 21 Indispensable Qualities of a Leader
- 10-24 ~ Leading Customer Service Providers



***All the world is a
 laboratory
 to the inquiring mind.
 ~ Martin H. Fischer ~***