

Brain waves

Volume 6, Issue 6
September 10, 2009

Departmental Retreat 2009



The departmental retreat was held on Friday August 7 at the Hilary J. Boone Center. The retreat was used as a venue to discuss ongoing departmental research and teaching initiatives and to allow students to present talks on their current research topics. The entire day went quite well.



Don Marshall Gash, Ph.D.
Chair,
Anatomy & Neurobiology

IBS Orientation 2009

Once again the IBS orientation was successfully held at the Red Mile Clubhouse. This year the orientation was on Monday, August 10. The new IBS students enjoyed being introduced to the department's research areas. Dr. Diane Snow, Associate DGS and Dr. Jane Joseph, DGS presided.



Inside this Issue:

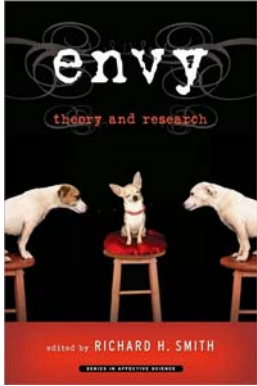
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Special Points of Interest:

The Next Faculty Meeting is October 9, 2009 at 12pm in the Markey Cancer Center Boardroom.

Professional Announcements

Publications



Jiang, Y., Lianekhammy, J., Lawson, A. L., Guo, C., Lyman, D., Joseph, J. E., Gold, B. T., & Kelly, T. H. Brain adaptation to repeated exposure of visual

stimuli predicts self-reported boredom susceptibility. *Psychiatry Research: Neuroimaging*, 173, 100-106, 2009.

Xu XM, Onifer SM. Transplantation-mediated strategies to promote axonal regeneration following spinal cord injury. In: *Spinal Cord Injury – Neural Plasticity and Recovery of Respiratory Function*, In: *Respiratory Physiology & Neurobiology*, GC Sieck, CB Mantilla (eds), Elsevier, Amsterdam, in press, 2009.

Patel SC, Bradley LH, Jinadasa SP, Hecht MH. Cofactor binding and enzymatic activity in an unevolved superfamily of de novo designed 4-helix bundle proteins. *Protein Sci.* 2009 Jul;18(7):1388-400.

Announcements



We would like to congratulate **Dexter Reneer**, who successfully passed his qualifying exams on August 26, 2009.

Great job, Dexter!!

Announcements

Dr. Jane Joseph (PI) received an R21 from NIDA titled "Exploring the neurobiological response to anti-drug media messages with fMRI" (\$741,765).

Dr. Joseph also received an R21 from NIMH titled A Comparative Developmental Connectivity Study of Face Processing (\$874,960). Great job, Dr. Joseph!

Dr. Hans Büeler (PI) received an R21 from NINDS: "Testing the efficacy of PGC-1alpha as a therapeutic target for Parkinson's disease" (\$394,264). Well done, Dr. Büeler!

Please congratulate **Dr. Brian Gold** on receiving his first R01 from NIA titled "The effects of bilingualism on age-related cognitive and neurobiological declines." (\$1,522,125) Good Job, Dr. Gold!

Please congratulate **Dr. Stephen Onifer** who has received the "Friend of the Year" Award from the Friends for Michael, Inc. Spinal Cord Injury Organization. This non-profit service and fundraising organization was formed in Henry County, Kentucky for Michael Brent after his traumatic cervical spinal cord injury. Michael went on to earn a both a Bachelor Degree and Master Degree in Journalism from the University of Kentucky. He was awarded UK's Adelstein Award, given to students with disabilities who are an inspiration to others. He also worked as a reporter for the "Cat's Pause", a weekly print and online publication, about UK's sports programs. Michael was an active member of the Phi Kappa Phi Fraternity. The Michael Brent Memorial Courtyard outside of UK's North Hall was dedicated in his honor. The Friends for Michael has made donations for research being performed in UK's Spinal Cord and Brain Injury Research Center.

Announcements



Congratulations to **Aashish Joshi** for successfully defending his dissertation thesis on Friday September 4, 2009.

We are very proud of you Dr. Joshi!

Presentations

Dr. Jonathan Lifshitz is presenting the following platform lecture: Assessment of Mild TBI in Animal Models at the Second Joint Symposium of the International and National Neurotrauma Societies September 6-11th. The following posters were also presented:

- Dr. Lifshitz presented "Dementia Pugilistica: Neurovascular Disruption in the Substantia Nigra After Experimental Diffuse Brain Injury in the Rat." **Lifshitz, J, GA Gerhardt, JR Pauly.**
- Jason Hinzman presented "Subsecond Glutamate Dynamics Reveal Increases in Tonic Glutamate Levels and Evoked Glutamate Release After Diffuse Brain Injury in the Rat." **Hinzman J, A Lisembee, P Huettl, F Pomerleau, J Lifshitz, GA Gerhardt.**
- Theresa Currier Thomas presented "Glutamate Neurotransmission Recorded on a Sub-Second Timescale in a Diffuse Brain-Injured Circuit Reveals Injury-Induced Deficits that Parallel the Development of Behavioral Morbidity in Rats." **Thomas, TC, A Lisembee, GA Gerhardt, J Lifshitz.**

If all the cars in the United States were placed end to end, it would probably be Labor Day Weekend.

~**Doug Larson**~

Employee of the Quarter Nomination Form

The Quarterly Employee Awards are will be announced in 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 the following January.

Please submit nominations to Angel Schumacher or Dalene Rice 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

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

The Next Deadline is September 24, 2009

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, postdoctoral scholars and fellows, 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 You may register by contacting Erica Ray at (859) 323-6276.

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

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

NOTE: [Online courses can only be taken using a UK computer.](#)

Corporate Compliance training is **MANDATORY** for employees working in the UK hospital or medical center. All HR Temporary Employment employees are required to view the Corporate Compliance video in orientation. For more information, please visit the UK [Corporate Compliance Program](#) website.

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 Rice (305 Whitney-Hendrickson) to be placed in your personnel file.

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

Human Resources Development Course Offerings

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

- 9-16 ~ Thinking Critically
- 9-17 ~ 21 Indispensable Qualities of a Leader
- 9-17 ~ Customizing Your PC
- 9-18 ~ PowerPoint Level 2: Create Engaging Presentations
- 9-23 ~ Travel Program
- 9-23 ~ Cliqbook
- 9-24 ~ Managing Staff Conflict
- 9-29 ~ Motivating for Top Performance
- 9-30 ~ Introduction to Adobe Acrobat Professional
- 10-1 ~ What to Do About Bad Attitude Behaviors
- 10-2 ~ Working with Office 2007
- 10-5 ~ Leading from a Distance
- 10-7 ~ Meeting Focus
- 10-7 ~ Excel 2007 Level 1: Introduction



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