



BRAIN WAVES

VOLUME 7, ISSUE 1
FEBRUARY 1, 2011

DELAYS OR PLAN B POLICY

1) Regarding employees who began work at the 10 a.m. announced opening time:

Regular non-exempt employees affected by the delay should use 7407 Emergency Closing Code on timesheets or Absence Records for the hours between 8 a.m. and 10 a.m. (when the University officially opened).

2) Regarding non-exempt employees who report to work *before* or *after* the 10 a.m. opening time: Employees who began working *before* the University officially opened – at their regular 8 a.m. start time, for example – may take an equivalent amount of Emergency Closing leave time (two hours) off work during the next **six weeks**. A small number of employees may have reported to work *after the* delayed opening time as a result of weather-related transportation problems or other issues. With supervisor approval, employees may use vacation leave for any work time missed between 10 a.m. and the time they arrived at work. Another option: Supervisors may work with employees to have them “make up” missed time during the same work week.

3) Regarding employees with regular start times earlier than 8 a.m. The number of Emergency Closing leave hours provided to employees in non-hospital areas are based on UK’s normal 8:00 a.m. – 5:00 p.m. hours of operation. For example, if an announcement is made that the university will be closed until 10:00 a.m., an employee with a normal start time of 7:00 a.m. arriving at 10:00 a.m. will only receive two hours of Emergency Closing leave: An employee in this case must either use an hour of vacation (or holiday) time or work an additional hour before the end of the week to make up the time.

4) Regarding employees who call in sick or take a vacation day on the day of a delay or closing: If an employee calls in and reports that they are sick, temporary disability leave (TDL) leave may be used: Employees using TDL leave will **not** receive Emergency Closing Leave time. An employee may also use, with supervisor approval, accrued vacation leave time (VL) or holiday leave. If the employee uses vacation or holiday leave, the employee will **not** receive any Emergency Closing Leave time.

For more general information on Plan B delays and related HR issues, please visit our Plan B FAQ page or contact Employee Relations at (859) 257-8758:

<http://www.uky.edu/HR/PlanBFAQ.html>



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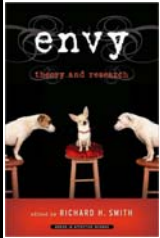
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SPECIAL POINTS OF

- Next Faculty Meeting will be held on Friday, February 25.
- Employee of the 4th Quarter nominations needed (see page 7).

PROFESSIONAL ANNOUNCEMENTS

PUBLICATIONS



Legan, S.J., X-L. Peng, **K.M. Franklin**, and **M.J. Duncan** (2010) Novel wheel running blocks the preovulatory luteinizing hormone (LH) surge as well as advances the hamster circadian pacemaker.. J. Biol. Rhythms 25:450-459.

Duncan, M.J., Congleton, M.R. (2010) Neural mechanism mediating circadian phase resetting by activation of 5-HT₇ receptors in the dorsal raphe: Role of GABAergic and glutamatergic neurotransmission, Brain Research, Brain Research 1366:110-119 .

Cullen, DK, Y Xu, **DV Reneer**, KD Browne, **JW Geddes**, S Yang and DH Smith. Color changing photonic crystals detect blast exposure. Neuroimage 2011 Jan; 54S1:S37-S44.

Reneer DV, RD Hisel, JM Hoffman, RJ Kryscio, BT Lusk and **JW Geddes**. A multi-mode shock tube for investigation of blast-induced traumatic brain injury. J Neurotrauma 2010 Nov 17 Epub ahead of print

Shen Lin, **Mei Liu**, Young-Jin Son, B. Himes, **Diane Snow**, Wenqian Yu, and Peter Baas "Inhibition of kinesin-5, a microtubule-based motor protein, as a strategy for enhancing regeneration of adult axons". In press – *Traffic*.

PUBLICATIONS

Fisher MA, McKinley KL, **Bradley LH**, Viola SR, Hecht MH (2011) De Novo Designed Proteins from a Library of Artificial Sequences Function in Escherichia Coli and Enable Cell Growth. PLoS ONE 6 (1): e15364.

Ravi S. Akundi, Zhenyu Huang, Joshua Eason, Jignesh D. Pandya, **Lianteng Zhi**, **Wayne A. Cass**, **Patrick G. Sullivan** and **Hansruedi Bueler** (2011) Increased mitochondrial calcium sensitivity and abnormal expression of innate immunity genes precede dopaminergic defects in Pink1-deficient mice. PLOS One 6, e16038.

Richardson, A, Hazzard M., Challman, S., Morgenstein, A., and Brueckner, J.(in press) "A "Second Life" for Gross Anatomy: Applications for Multi-User Virtual Environments in Teaching the Anatomical Sciences." (Second Life virtual lab was chosen to be featured on the cover of this issue) Anatomical Sciences Education.

Richardson, A., **Littrell, M.**, Challman, S., and Stein, P. (in press) "Utilizing Text Messaging in an Undergraduate Nursing Course." Journal of Nursing Education.

PRESENTATIONS

"Dopamine and Glutamate Dynamics in Rodent Models of Attention-Deficit/Hyperactivity Disorder". Quals. **Erin Miller**, October 5, 2010.

"Role of Calpain5 in Traumatic Brain Injury". Quals. **Ranjana Singh**, October 27, 2010.

"Intranasal Administration of DNSP-11 for Parkinsonism". Quals. **James Sonne**, December 1, 2010.

"The Role of the Nrf2-ARE Pathway in Traumatic Brain Injury: Harnessing Endogenous Cytoprotective Defenses for CNS Neuroprotection". Quals. **Darren Miller**, December 9, 2010.

"Trichloroethylene Exposure and Traumatic Brain Injury Interact and Produce Dual Injury Based Pathology and Pioglitazone Can Attenuate Deficits Following Traumatic Brain Injury". Defense, **Andrew Sauerbeck**, December 15, 2010.

"Circadian clocks and their role in aging: Molecular mechanisms," Dr. **Marilyn Duncan**, Panel participant. Sponsored by the National Institute on Aging, on June 18, 2010, in Bethesda, MD.

**And this, our life,
exempt from public haunt,
finds tongues in trees,
books in the running brooks,
sermons in stones,
and good in everything.**

~William Shakespeare~

PROFESSIONAL ANNOUNCEMENTS

AWARDS

Diane Snow received a grant "Recombinant aggrecan variants having specifically modified CS chains and their regulation of axonal regeneration" from Kentucky Spinal Cord and Head Injury Research Trust. \$299,445 (Total) 1/15/11-1/14/14

Marilyn Duncan received the Abraham Flexner Master Educator Award for Outstanding Teaching Contribution & Mentorship.

Jonathan Lifshitz received a grant "Post-Traumatic Sleep: An individualized Indicator of Severity and Recovery" from Kentucky Spinal Cord and Head Injury Research Trust. \$300,000 (Total) 1/15/11-1/14/14.

Greg Gerhardt received a contract "Quantitative levels of NO in the corpora measured by amperometry" from Eli Lilly and Company. \$103,950 (Total) 1/1/11-12/31/13.

Congratulations to

Dr. Andrew Sauerbeck who successfully defended his dissertation "Trichloroethylene Exposure and Traumatic Brain Injury Interact and Produce Dual Injury Based Pathology and Pioglitazone Can Attenuate Deficits Following Traumatic Brain Injury" on December 15, 2010. Dr. Sauerbeck will be moving to Columbus, OH to begin his Post-doctoral studies.



Kristen Kelps has been invited to the American Society for Biochemistry and Molecular Biology (ASBMB) to participate in their "Student Hill Day", in Washington DC on March 14-16, 2011; with all expenses paid. As a selected graduate student she will be joined by other graduate students from around the country to meet with their representatives in Congress, in order to advocate for funding of basic scientific research.

On March 14th they will have an evening training session for the students on how to advocate for science in a congressional office, followed by dinner. Participants generally have 5-6 meetings during the day with their congressional representatives, in conjunction with a senior "mentor" (either ASBMB staff or Public Affairs Advisory Committee member).

Congratulations, Kristen

COMINGS TO ANATOMY & NEUROBIOLOGY



Dr. Magdalena Muchlinkska has joined our teaching staff effective January 1, 2011, from Marshall University. She will be primarily teaching our ANA109, ANA110 and ANA534. Her research interests are in anthropology. Her office is in MN210 so be sure to stop by and say hi.

We also have a number of undergraduates who are studying in our labs: in Dr. Luke Bradley's lab Alyssa Fountain and Emerson Dick from the Ag Biotech program; in Dr. Marilyn Duncan's lab there is Alyssa Paoella; and in Dr. Diane Snow's lab there is Azita Bahrami and Jonathan Davies; Dr. Snow has also hired a Postdoctoral Fellow from the University of California at Davis (UCD) who will begin work in the lab on March 1, 2011.

Departmental Birthdays



DECEMBER

12/2 ~ Dot Mobley

12/6 ~ Dr. Tom Curry

12/7 ~ Gary Ginn

12/10 ~ Dr. Brian MacPherson

JANUARY

1/3 ~ Dr. Diane Snow

1/12 ~ Dr. Wayne Cass

1/15 ~ Dr. Steve Smith



FEBRUARY

2/6 ~ Kim Wilkinson 2/11 ~ Dr. Brian Gold

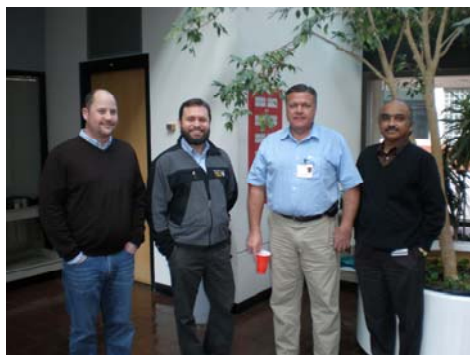
2/13 ~ Dr. Guoying Bing

2/14 ~ Kathy Franklin 2/19 ~ Joey Rose

2/25 ~ Dalene Rice



Events of the Past Several Months



Holiday Party 2010



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 Stacey Reid or Kim Wilkerson by March 31, 2011.

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. Briefly describe the normal job duties of the nominee. Give specifics.

2. Give specific examples of the nominee going above and beyond their normal job duties.

3. How do you see the nominee's impact on the department as a whole? Give examples.

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

ANATOMY & NEUROBIOLOGY

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

Please send comments & submissions to Dalene Rice at darice2@email.uky.edu or call 859-323-8260.

The Next Deadline is April 13, 2011.

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 and Preventing Discrimination and Harassment are **MANDATORY** training. These two training courses are found online by going into the myUK portal, go to the Employee Self-Service tab and then the Training Tab. In the "Search Term" type the name of each course. Complete each course then print the transcript showing you successfully completed them. Turn the transcript into Dalene.

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>

- 2/7 ~ Excel: Introduction
- 2/8 ~ Research Admin (RATE XIII)
- 2/8 ~ Excel: Working with Pivot Tables
- 2/9 ~ PowerPoint: Introduction
- 2/11 ~ Access: Introduction
- 2/15 ~ Research Admin (RATE XV)
- 2/16 ~ Dreamweaver CS5: Introduction
- 2/17 ~ Excel: Creating & Working w/ Charts
- 2/17 ~ PowerPoint: Engaging Presentations
- 2/22 ~ Research Admin (RATE X)
- 2/24 ~ PowerPoint: Graphics & Animation
- 2/25 ~ Communicating with Success
- 3/1 ~ Research Admin (RATE VIII)
- 3/8 ~ Research Admin (RATE XII)
- 3/10 ~ Photoshop CS5: Introduction
- 3/14 ~ Thinking Critically
- 3/15 ~ Research Admin (RATE VI)
- 3/17 ~ Recognizing Performance Problems
- 3/22 ~ Research Admin (RATE I)



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