

# Brain waves

Volume 6, Issue 8  
November 6, 2009

## SCoBIRC 10th Anniversary

SCoBIRC celebrated its tenth anniversary on Friday October 23, 2009 with a public forum highlighting events from its inception to its current incarnation. Drs. James Geddes, Edward Hall and Dean Perman presided. Dr. Hall honored a number of people at SCoBIRC Ambassadors and also honored the administrative staff for their contributions. SCoBIRC began in 1999 with Dr. James Geddes as Director for a 3 year term. Dr. Edward Hall was recruited as Director in 2002. Currently there are 13 core faculty members and 22 associate faculty members. There are 12 graduate students currently being trained by core of associate members.



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

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### Special Points of Interest:

- The Next Faculty Meeting is WEDNESDAY, November 18, 2009 at 12pm in Combs 102.
- The Department Meeting for Anatomy Staff and Post-docs is Tuesday, December 1 at 12pm in the Young Library Gallery.

## NEW Internal Approval Forms

The **Internal Approval Form** that **must** accompany your grant applications (along with the financial disclosure forms) **has been updated.**

*Please be sure to use the new form that was sent via the departmental listservs.*

You may also find the most current version of the forms on the Office of Sponsored Projects Administration (OSPA) website:  
<http://www.research.uky.edu/ospa/forms.html>

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## Five-year vesting plan

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To: University Leaders  
From: Kim Wilson, Associate Vice President, Human Resources  
Date: 10/29/09  
Re: BOT Approves 5-Year Vesting Rule for New Employees

On October 27, the UK Board of Trustees approved a five-year vesting rule that will affect University 403(b) retirement savings accounts for new employees hired on or after January 1, 2010. As a cost-saving measure, this change is intended to help the University address ongoing budget challenges.

### How This Change Will Affect Employees with Start Dates on or After January 1, 2010

Individuals hired on or after January 1, 2010 must work for the University for a period of five years before the UK-contributed portion of their accounts become vested. In other words, new employees (with official start dates on or after January 1, 2010) who leave the University before completing five years of service will not keep the employer-contributed portion of their accounts. Employees hired on or after January who leave the University with less than five years of service will have access to account funds attributed to their own (employee) contributions.

### Change Does Not Affect Current Employees or New Hires with Start Dates Prior to January 1, 2010

Please note this change will not affect current employees. For individuals hired prior to January 1, 2010, employer 403(b) contributions remain vested regardless of length of service.

### Consider Timing of Future Hires

*Please consider this change as it relates to anticipated hires over the next few months.* In terms of recruitment between now and the end of the year, both hiring officials and prospective employees should be aware of this change in the University's retirement savings plan.

Please note: Any temporary employee who may be transitioning to a regular position will also be affected by this change if such a change in status occurs on or after January 1, 2010.

### Details of the Five-Year Vesting Plan for New Employees Hired on or After January 1, 2010

An employee hired on or after January 1, 2010 must complete five years working in a regular full-time status to receive employer matching funds upon leaving the University. An employee who separates with less than five years of service will receive none of the matched contributions from the University.

Faculty service is based on the academic year and appointment, meaning a regular full-time faculty member (hired on or after January 1, 2010) will vest at the end of his or her appointment after the fifth year.

A period of regular status service that is less than full-time will be pro-rated.

We share the regret expressed by the Board of Trustees at the need for this change affecting new hires. As you know, it takes place in the wake of multi-year state budget cuts and amid the prospects of continued weakness in the economy. From a recruitment standpoint, it is important to note the University's benefit package remains competitive. We continue to provide a uniquely generous 2-for-1 employer retirement plan matching contribution (10% employer contribution, 5% employee contribution).

If you have any questions regarding the vesting schedule, please contact Employee Benefits at [benefits@email.uky.edu](mailto:benefits@email.uky.edu) or call 859-257-9519, option 3.

## Professional Announcements

### Publications



Gold BT, Jiang Y, Jicha GA, & Smith CD (in press). Functional response in ventral temporal cortex differentiates mild cognitive impairment from normal aging. *Human Brain Mapping*.

Gold BT, Andersen AH, Jicha GA, & Smith CD

(2009). Aging influences the neural correlates of lexical decision but not automatic semantic priming. *Cerebral Cortex* 19: 2671-2679.

Reed WR, Shum-Siu A, Whelan A, Onifer SM, Magnuson DSK: Anterograde labeling of ventrolateral funiculus pathways with spinal enlargement connections in the adult rat spinal cord. *Brain Research*, in press, 2009.

Stein PS, Kryscio RJ, Desrosiers M, Donegan SJ, Gibbs MB. Tooth loss, apolipoprotein E and delayed word recall: findings from the Nun Study. Accepted to the *Journal of Dental Research*.

Santos, RM, Flourenco DF, Huettl P, Gerhardt GA, Laranjinha J and Barbosa RM. In vivo nitric oxide inactivation in the rat CNS: Kinetics and identity of possible pathways. 39th Annual Meeting of the Society for Neuroscience, Chicago, IL, October 17-21, 2009.

Konradsson-Geuken A, Gash C, Gerhardt GA, Schwarcz R and Bruno JP. Astrocyte-derived kynurenic acid: Modulation of prefrontal glutamate release as measured on a second-by-second basis. 39th Annual Meeting of the Society for Neuroscience, Chicago, IL, October 17-21, 2009.

Stephens, ML, Pomerleau F, Huettl P, Gerhardt GA and Zhang Z. Real-time glutamate measurements in the putamen of awake rhesus monkeys using an enzyme-based human microelectrode array prototype. *J Neuro Meth*, Oct 19, 2009 [Epub ahead of print].

Stromberg I, Bickford P and Gerhardt GA. Grafted dopamine neurons: morphology, neurochemistry and electrophysiology. *Prog Neurobiol*, Oct 20, 2009. [Epub ahead of print].

### Announcements

Dr. Greg Gerhardt was recently honored as the 2009 *Alumnus of the Year* at his alma mater, Truman State University. From the



award website: He credits Truman's faculty, especially Dr. Kenneth Fountain, for encouraging him to pursue a career in chemistry and research. Gerhardt received his bachelor of science in chemistry magna cum laude from Truman State University (then Northeast Missouri State University) in 1979. Dr. Gerhardt has also made a planned commitment of \$1 million to establish Truman State University's first-ever endowed professorship: the Greg A. and Paulette C. Danielle-Gerhardt Endowed Professorship in Science in memory of his late wife, Paulette, who passed away in May 2007.

François Pomerleau from the Gerhardt Lab was nominated for the 2009 Work Life Supervisor of the Year Award. The winners and nominees were recognized at the second annual luncheon.

### Presentations

Gash DM, Ai Y, Allen, Charisse, Gamba-Vitalo, Ge P, Grondin R, Gwost D, Hardy P, Kaemmerer R, Kaytor, Maier, Nechev, Nelson B., Nelson P.T., Sah D, Stiles D, Zhang Z. Developing RNAi therapeutic targeting huntingtin with intraputamenal CNS delivery: Non-human primate studies. Huntington's Disease World Congress, Vancouver (BC) Canada, September 12-15, 2009.

Dr. Luke Bradley presented "An Investigation Into the Relationship Between Protein Conformation and Binding Specificity" at the 44<sup>th</sup> Midwest Regional Meeting of the American Chemical Society (October 23, 2009 in Iowa City, IA).

### Presentations

Poster Presentations from the 39th Annual Society for Neuroscience Meeting, October 17-21, 2009, Chicago, IL:

•Duncan, M.J., J.A. Hester, J.A. Hopper, and K.M. Franklin. Differential effects of treatment with the SSRI, fluoxetine, on age-related changes in SCN expression of VIP mRNA and 5-HT1B receptors.

•Legan, S.J., Peng, X-L, M.J. Duncan. A non-photic Zeitgeber, novel wheel exposure, delays and phase advances the preovulatory Luteinizing Hormone (LH) surge in proestrous Syrian hamsters.

•O. M. LITRELL, H. Boger, P. Huettl, F. Pomerleau, G. Quintero, A.-C. Granholm, G. Gerhardt. Twelve month old glial cell derived neurotrophic factor heterozygous mice show increased dopamine release and dopamine uptake in the striatum.

•J. L. FUQUA, M. Lundblad, P. Huettl, G. Quintero, F. Pomerleau, G. A. Gerhardt. Neurochemical effects of dopamine neuron stimulating peptide-11 on the nigrostriatal dopamine pathway in normal and unilateral 6-hydroxydopamine lesioned animals.

•Stiles D, Hardy P, Nelson B., Zhang Z, Grondin R, Ai Y, Stewart, Ge P, Sah, Gwost D, Gash DM. CED of drugs into the CNS: Confirmation of distribution using MRI contrast agent in non-human primate.

•Gash DM, Zhang Z, Grondin R, Ai Y, Stiles D, Nelson B., Gamba-Vitalo, Allen, Hardy P, Nelson P.T., Charisse, Fan X., Kaytor, Kosovrasti, Tchangov, Maier, Meys, Nechev, Manoharan, Kaemmerer, Ge, Gwost, Sah. Developing RNAi therapeutics targeting huntingtin with intraputamenal CNS delivery: Non-human primate studies.

•Kelps KA, Turchan-Cholewo J, Bradley LH. Antiapoptotic effects of a GDNF Propeptide.

•Turchan-Cholewo J, Bradley LH. The Neuroprotective Effects of the Dopamine Neuron Stimulating Peptides against Staurosporine and Mitochondrial Toxins.

*Thanksgiving is an  
emotional holiday.  
People travel thousands of  
miles to be with people they  
only see once a year.  
And then discover once a year is  
way too often.  
~Johnny Carson~*



# 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. 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

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 [avalon.sandoval@uky.edu](mailto:avalon.sandoval@uky.edu) or call 859-257-5036.

**The Next Deadline is November 23, 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>

- 11-10 ~ Gender Styles in Communication
- 11-10 ~ Principles of Effective Writing
- 11-10 ~ Excel 2007 Level 2
- 11-11 ~ PowerPoint Level 2
- 11-12 ~ Communicating Across Cultures
- 11-13 ~ Travel Program
- 11-13 ~ Cliqbook
- 11-3 ~ Introduction to Adobe Acrobat Professional
- 11-17 ~ Presenting Effectively Day 1
- 11-19 ~ Using Access 2007
- 11-20 ~ Managing Your PC
- 11-24 ~ Presenting Effectively Day 2
- 11-25 ~ Motivating for Top Performance
- 12-3 ~ Building a Climate of Trust
- 12-4 ~ Excel 2007 Level 1
- 12-8 ~ Basics of Leadership
- 12-11 ~ Teamwork in a Changing Workplace

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

