



BRAIN WAVES

Volume 5, Issue 7

November 6, 2008

UK HEALTHCARE TO BE TOBACCO-FREE NOVEMBER 20

Area medical providers, including UK HealthCare and local hospitals, have elected to go tobacco free as a positive step in providing a healthy environment for patients, visitors and staff. **48** hospitals in Kentucky are either already tobacco free or in the process of becoming so.

Effective November 20, 2008 all UK HealthCare Fayette County campuses will become tobacco free.

- **Use of all tobacco products is prohibited** in all owned, operated, leased or health care controlled university buildings, grounds, parking structures, enclosed bridges and walkways, sidewalks, parking lots and vehicles, as well as personal vehicles in these areas.
- In **off-campus** leased facilities, UK HealthCare employees will be prohibited from using tobacco within 20 feet of the facility.
- **Tobacco includes cigarettes, pipes, cigars, snuff, chewing tobacco, etc.**



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

Compliance

- All employees should know the policy and are encouraged to politely make violators aware.
- Managers and supervisors will enforce the policy with employees, patients and visitors.
- Security will provide assistance if anyone refuses to stop using tobacco.
- **Standard UK progressive discipline for employees and students applies.**

Nicotine Replacement Therapy

Employees, spouses & sponsored dependents

- Participants in UK HealthCare supported programs will receive vouchers for NRT (patches) – enough for the duration of the treatment program.
- NRT vouchers can be redeemed only at KY Clinic Pharmacy, the University Health Service Pharmacy or the Good Samaritan Pharmacy (GS staff only).

Others

- Nicotine replacement may be purchased in the Kentucky Clinic Pharmacy and in the gift shops at Chandler and Good Samaritan. Some products are offered at a discount.
- Inpatients will receive NRT as part of their care if medically appropriate.

For more information please go to: <http://www.ukhealthcare.uky.edu/about/tobacco-free/index.asp>

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SPECIAL POINTS OF INTEREST:

The **Faculty Meeting** will be held **Friday, November 21 at 12pm** in the Markey Cancer Center Boardroom.

The **Annual Holiday Party** will be **Saturday, December 6** at 7:30pm in the Boone Center.

BODY BEQUEATHAL MEMORIAL SERVICE

The end of September marked the annual Body Bequeathal Memorial Service honoring those who graciously donated their bodies to assist the pursuit of medical education and scientific research. Sixty-four people were memorialized on Friday, September 26th at 1:30pm. Dr. Brian MacPherson, Vice-Chair, Gary Ginn, the Body Bequeathal Program Coordinator, and Melissa Jones, the Administrative Assistant for the program, organized the event. Assistance was also given by various members of the Anatomy administrative staff: Gianna Farley, Angel Schumacher, Michael Bricken and Julie Poole. Reverend Gerald R. Johns, Jr. presided over the service with vocal music by Carr McDonald. Presidents of the classes from the Colleges of Health Sciences, Dentistry and Medicine read the names of the donors. The memorial offers closure to the families of the donors and allows them to interact with students who benefited from their relative's generous gift. Roses representing the donors who were memorialized were distributed to family members.



FACULTY MEETING HIGHLIGHTS

September:

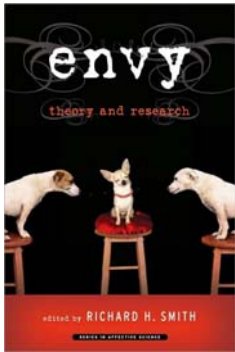
- The search for the Markey Cancer Center Director is recommencing. In addition, directors for the Alzheimer's Disease Center and Sanders-Brown Center on Aging are also being sought, (they could possibly be held by the same person). We are also looking for a new Senior Associate Dean of Research to replace Dr. William Balke who will be transitioning to the Office of the Provost permanently.
- NIH has changed the tuition payment process on training grants. They will now charge a 30% flat rate versus the current \$6,000. If you have any questions please contact Julie Poole (japoole@email.uky.edu) or Gianna Farley (gianna.farley@uky.edu).
- Dr. Samuel Franklin has accepted our offer for employment as an Assistant Professor in the Special Title Series. He will be starting January 1, 2009.
- We will be recruiting 1-2 junior faculty members and possibly one senior faculty member. Angel Schumacher will be contacting faculty and students to participate in the interview process. For more information please contact her at aschu3@email.uky.edu.

October:

- A centralized payroll system for hourly employees will be implemented in the near future. Details have yet to be determined, but there will be allowances for the varied schedules of lab personnel when running experiments and participating in conferences.
- The AAMC conducted a comparison of medical schools around the country and the College of Medicine at UK. If you would like a copy of the report which covered the percentiles of faculty to students ratios, graduate student class size, faculty growth, etc. please email Avalon Sandoval at avalon.sandoval.uky.edu.
- Higher amounts of core neuroscience material has been requested by the graduate student populace. Perhaps this could be added in one of the IBS courses or covered in a workshop. Please send your comments to the department chair, Dr. Don Gash, at dongash@email.uky.edu

PROFESSIONAL ANNOUNCEMENTS

PUBLICATIONS



Duncan, M.J., A. Bruce-Keller, C. Conner, P.E. Knapp, R. Xu, A. Nath, and K.F. Hauser (2008) Effects of chronic expression of the HIV protein, transactivator of transcription (Tat), on circadian activity rhythms in mice with or without morphine. *Am. J. Physiol. Regul. Integr. Comp. Physiol.*, in press.

Zhengyi Li, **Dong-Young Choi**, Eun-Joo Shin, **Randy L. Hunter**, Chun Hui Jin, Myung-Bok Wie, Min Soo Kim, Seok Joo Park, **Guoying Bing** and Hyoung-Chun Kim. Phendione protects the nigral dopaminergic neurons from LPS-induced neurotoxicity. *Neuroscience Letter*, in press.

Dong-Young Choi, Jinlu Zhang, Guoying Bing. Aging exaggerates the neuroinflammatory response in the nigrostriatal system. *Neurobiology of Aging*, in press.

Puckett AH, Nunn CD, **Onifer SM:** Veterinary care methods for rats and mice in experimental spinal cord injury studies. In: *Animal Models of Acute Neurological Injuries*, In: *Contemporary Neuroscience*, J Chen, Z Xu, X-M Xu, J Zhang (eds). The Humana Press Inc., Totowa NJ, 47-60, 2008.

Santos RM, Lourenço CF, Piedade AP, Andrews R, **Pomerleau F, Huettl P, Gerhardt GA, Laranjinha J, Barbosa RM.** A comparative study of carbon fiber-based microelectrodes for the measurement of nitric oxide in brain tissue. *Biosens Bioelectron.* 2008 Dec 1;24(4):704-9.

Zitnay GA, Zitnay KM, Povlishock JT, **Hall ED, Marion DW, Trudel T, Zafonte RD, Zasler N, Nidiffer FD, Davanzo J, Barth JT.** Traumatic Brain Injury Research Priorities: The Conemaugh International Brain Injury Symposium. *J Neurotrauma.* 2008 Oct 9.

Reed TT, Owen J, Pierce WM, Sebastian A, **Sullivan PG, Butterfield DA.** Proteomic identification of nitrated brain proteins in traumatic brain-injured rats treated postinjury with gamma-glutamylcysteine ethyl ester: Insights into the role of elevation of glutathione as a potential therapeutic strategy for traumatic brain injury. *J Neurosci Res.* 2008 Sep 19.

Adjan V, **Centers A, Jennes L.** Expression and activation of N-methyl-D-aspartate receptor subunit-1 receptor subunits in gonadotrophin-releasing hormone neurons of young and middle-aged mice during the luteinising hormone surge. *J Neuroendocrinol.* 2008 Oct;20(10):1147-54.

PUBLICATIONS

Martin SB, Smith CD, Collins HR, Schmitt FA, Gold BT. Evidence that volume of anterior medial temporal lobe is reduced in seniors destined for mild cognitive impairment. *Neurobiol Aging.* 2008 Sep 20.

Smith CD, Chebrolu H, **Andersen AH, Powell DA, Lovell MA, Xiong S, Gold BT.** White matter diffusion alterations in normal women at risk of Alzheimer's disease. *Neurobiol Aging.* 2008 Sep 16.

Congratulations to **Dr. Laurie Davis** who passed her thesis defense on Wednesday, October 22. Well done, Dr. Davis!

ANNOUNCEMENTS

Please pass this good news on to your friends and colleagues: **Congratulations to Dr. Edward Hall** who will be inducted into the class of 2008 SCI Hall of Fame. The Spinal Cord Injury (SCI) Hall of Fame class of 2008 will be honored next month at what has become NSCIA's most anticipated and celebrated annual event, the SCI Hall of Fame induction ceremony and gala, on November 17 at the Contemporary Arts Center in New Orleans, La.



ANNOUNCEMENTS

The 2008 SCI Hall of Fame inductees are, in their respective categories: Alana Shepherd, Grassroots Organizer; Carmen D. Jones, Entrepreneur; Bernard and Billi Marcus, Benefactor; Ambassador Luis Gallegos, International; David F. Apple, Jr., M.D., Direct Provider; **EDWARD D. HALL, PH.D., RESEARCH IN BASIC SCIENCE**; James Krause Ph.D., Research in Quality of Life; Senator Edward Kennedy, Legislator; Jennifer Sheehy Keller, Government Executive; Kathleen L. Dunn, M.S. R.N., Disability Educator; Kendra Betz, Military; Laura Cohen Ph.D, P.T., Assistive Technology; Marty Ball, Sports; Susan Palmer Mazrui, Corporate Executive; Robin Williams, Entertainment; Harriet McBryde Johnson (1957 - 2008), Media; Marc A. Buoniconiti, Disability Activist. In addition to those inducted into the SCI Hall of Fame, Jessica Greenfield will receive NSCIA's Emerging Leader Award. Registration is open for the event at www.spinalcord.org/registration.

PRESENTATIONS

The fifth annual Lexington Conference on Translational Neuroscience was Held October 8-10, 2008 at the Hilton Suites of Lexington Green. The invited speakers from the conference included the following University of Kentucky faculty: **Dr. Marilyn Duncan—Anatomy**, Dr. Olivier Thibault—Pharmacology, Dr. Eric Blalock—Pharmacology, Dr. Lisa Tannock—Endocrinology, and **Dr. Stephen Scheff—Anatomy**. The conference covered a variety of models of aging ranging from C. Elegans to humans. Given the intimate size and setting for the conference the speakers, UK graduate students, post-docs and faculty were able to interact and foster contacts and possible future collaborations.

The funny thing about Thanksgiving, or any huge meal, is that you spend 12 hours shopping for it and then chopping and cooking and braising and blanching. Then it takes 20 minutes to eat it and everybody sort of sits around in a food coma, and then it takes 4 hours to clean it up.
~Ted Allen~

Please Save the Date

Saturday, December 6, 2008

7:30pm to 12:30am

Anatomy and Neurobiology

Annual Holiday Party

Hilary J. Boone Center

510 Rose Street



DEPARTMENTAL BIRTHDAYS

COMINGS AND GOINGS



October

- Jordan Revlett ~ 10-5
- Jonathan Clark ~ 10-8
- Dr. Andrew Deane ~ 10-10

Dr. George Quintero ~ 10-16

November



- Jason Hinzman ~ 11-17
- Ryan Readnower ~ 11-19
- Michael Bricken ~ 11-27

Please welcome **Dr. Ravi Akundi** to Dr. Hans Büeler's lab. Ravi joins us from Yale University as a post-doctoral scholar.



"I am from Visakhapatnam, India. I received my Master of Science (M.Sc) in Biotechnology from the Indian Institute of Technology (IIT) Bombay, India. I received my Ph.D. (magna cum laude) in 2005 from Albert-Ludwigs University of Freiburg, Freiburg, Germany, under Dr. Bernd L. Fiebich and Dr. Michael Hull. My work involved elucidation of the "Signal transduction mechanisms involved in prostaglandin

E2 synthesis in rat primary microglial cells and in the human neuroblastoma cell-line, SK-N-SH". My thesis also included identifying the cell-death mechanisms mediated by certain chemicals that are thought to be involved in the etiology of Parkinson's disease. I developed strong interest in neuroimmunology with specific interests on the role of glial cells in neurodegeneration. I shifted my focus towards the developmental aspect of glial cells on my first postdoctoral work under Dr. Scott Rivkees at Yale University, New Haven, CT. I worked on the effects of hypoxia and inflammation on the maturation of oligodendrocyte precursor cells into mature myelin-expressing cells. This work was funded by a fellowship I received from the American Heart Association (AHA) for the proposal "Mechanisms of hypoxia mediated white matter injury in neonatal rodent brain". I am a member of the Society for Neuroscience and the New York Academy of Sciences. I worked for several years as a volunteer at a Homeopathy clinic in Visakhapatnam, and at the Pediatric unit at Yale New Haven hospital. I am also a Reiki practitioner and worked for the oncology unit at Yale New Haven hospital. I was part of the Yale University choir group, Yale Camerata in 2007."

EMPLOYEE OF THE QUARTER



THE EMPLOYEE OF THE
THIRD
QUARTER

WILL BE ANNOUNCED
ON

SATURDAY, DECEMBER 6, 2008

AT THE

ANATOMY AND NEUROBIOLOGY
ANNUAL HOLIDAY PARTY

BE SURE TO ATTEND IF YOU ARE A STAFF MEMBER,
AS YOU MAY BE THE ONE HONORED!!



THE EMPLOYEE OF THE
QUARTER
COMMITTEE NEEDS YOUR
NOMINATIONS!!

Please submit your
nominations to either

Melissa Jones (melissa.jones@uky.edu)

or

Joey Rose

(joey@uky.edu)

The nomination form is located on the following page.



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 Joey Rose or Melissa Jones 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

ANATOMY & NEUROBIOLOGY

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 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 November 21, 2008

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 TBA

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/psb/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>

- 11-7 ~ Facilitating Meetings and Teams
- 11-11 ~ Word 2007 Level 1
- 11-13 ~ Trip Manager
- 11-13 ~ Managing Staff Conflict
- 11-13 ~ Basics of Diversity
- 11-18 ~ Resolving Workplace Conflict
- 11-20 ~ Communicating with Success
- 11-21 ~ Leading Effective Teams
- 12-2 ~ Working with Office 2007
- 12-3 ~ Excel 2007 Level 1
- 12-5 ~ Choosing and Using Quality Improvement Tools
- 12-9 ~ Managing Across Generations
- 12-9 ~ Excel 2007 Level 2
- 12-11 ~ Developing a Winning Image



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