

# BRAIN WAVES

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## DR. JAMES HOLSINGER NOMINATED FOR U.S. SURGEON GENERAL

The department has been fortunate to have Dr. Holsinger's presence in the PA/PT Gross Anatomy (ANA 611/811) course many times over the last 6 years. Even as Director of the VA Hospital and UK Chancellor of the Medical Center, Dr. Holsinger attended lab to assist with dissection whenever possible. Since stepping down from the State Cabinet position, Dr. Holsinger has been a more regular attendee, this past semester he helped fill in for the loss of Dr. Doug Gould in the course. His classical anatomy training, sense of humor, and especially his unmistakable laugh, will be missed in the lab next spring. ~ Dr. Brian MacPherson

### Excerpts from the Lexington Herald-Leader article by Art Jester and Beth Musgrave:

If approved by the U.S. Senate, Holsinger, 68, would be surgeon general of the Public Health Service at the Department of Health and Human Services.

He would be the 18th surgeon general of the United States.

In a statement announcing the nomination, the president said Holsinger will focus on educating parents and children about childhood obesity, which Bush described as "a serious epidemic that decreases quality of life and burdens our healthcare system."

"I am confident that Dr. Holsinger will help our Nation confront this challenge and many others to ensure that Americans live longer, better, and healthier lives," Bush said in the statement.

Kentucky's political leaders and UK officials praised the nomination as a solid choice – and a boost for the state.

"I have every confidence that Dr. Holsinger will provide the same level of excellence as Surgeon General as he did while serving in my administration as secretary of the Cabinet for Health and Family Services," Gov. Ernie Fletcher said in a statement. "It is truly gratifying to see national recognition given to someone who has done so much for our state."

UK President Lee Todd said that having Holsinger as surgeon general will help UK "build peer reputation. That recognition will be beneficial."

Todd also noted that having Holsinger as surgeon general would make it more likely that UK researchers will be involved in federal research projects, such as the work on childhood obesity that Bush mentioned. Todd called it a "very distinguished appointment."

Todd said UK had not gotten into any details, but he expected that Holsinger would go on unpaid leave during his federal service and would be allowed to return to the Wethington Chair when his tenure as surgeon general is over.

"He loves classroom teaching," Todd said.

Dr. Michael Karpf, UK's executive vice president for health affairs, said Holsinger's nomination gives Kentucky national visibility.

"It's another indication that a doctor in Kentucky can have impact locally, can have impact nationally," Karpf said. "It's a feather in Kentucky's cap."

Karpf said having Holsinger as surgeon general would be "helpful to us in knowing where public policy is going in Washington, D.C."



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

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### SPECIAL POINTS OF INTEREST

- The next Faculty Meeting is scheduled for Friday, **JULY 13** at 12:00pm in MN 136.
- We need your nominations for Employee of the Quarter. See Page 6.

# PURCHASING DEADLINES

## Fiscal Year 2006-2007 Closing Schedule Timeline

All old year documents must have a posting date of 06/30/2007 or prior.

- ✓ **June 8** Requisitions are due to Purchasing for equipment and supplies which are on price contract and will be delivered prior to July 1.

Please contact Kim Wilkison at [kdwilk1@email.uky.edu](mailto:kdwilk1@email.uky.edu) with any questions or concerns.

## FACULTY MEETING HIGHLIGHTS

- Dr. Perman came to May's faculty meeting to discuss the future directions of the College of Medicine. Over the next few years he would like to increase the class size of the medical students by 30% in order to address the national shortage of physicians. He is also planning on creating regional clinical campuses in Eastern and Western Kentucky to give students the opportunity to practice medicine in more rural areas that have different demands. Space concerns were also addressed. It will take between 3-5 years for any new space to be available due to construction constraints. Therefore, it is highly important that we manage the space we have effectively. All space will be thoroughly analyzed and catalogued. If space is not being used effectively, then it may have to be reassigned as needed. Dr. Perman would also like to hold enrichment seminars in basic science for the 4th-year medical students in order to show the bridge between research and clinical practice.
- 2 new childcare centers will be opening on campus in order to address university needs.
- Physiology will be developing a Muscle Biology Center to be added to the department.
- A future retreat will be planned for our graduate students in order to educate them about the current job market and the options they have.
- Dr. Gash would like to sponsor more guest speakers for our seminar series. If you have a person who you think would be pertinent, please contact him. You would then serve as the speaker's host for his/her visit.

## WETHINGTON AND HOLSINGER AWARDS

Congratulations to the following faculty members who received the Charles T. Wethington Research Awards

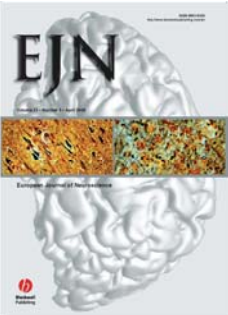
Dr. Anders Andersen	Dr. Wayne Cass	Dr. Kurt Hauser
Dr. Guoying Bing	Dr. Marilyn Duncan	Dr. Lothar Jennes
Dr. Luke Bradley	Dr. Don Gash	Dr. Jane Joseph
Dr. Annadora Bruce-Keller	Dr. Greg Gerhardt	Dr. Pamela Knapp
Dr. Jennifer Brueckner	Dr. Brian Gold	Dr. Zhiming Zhang
	Dr. Richard Grondin	

Congratulations to the following faculty who received the Holsinger Awards for Excellence in Teaching

Dr. Jennifer Brueckner	Dr. Brian MacPherson	Dr. Bruce Maley	Dr. Pamela Stein
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## Professional Announcements

### Publications



Zhao T, Adams MH, Zou SP, **EH-Hage N, Hauser KF, Knapp PE.** Silencing the PTEN gene is protective against neuronal death induced by human immunodeficiency virus type 1 Tat. *J Neurovirol.* 2007 Apr;13(2):97-106.

Buch SK, Khurdayan VK, Lutz SE, **Knapp PE, EH-Hage N, Hauser KF.** Glial-restricted precursors: Patterns of expression of opioid receptors and relationship to human immunodeficiency virus-1 Tat and morphine susceptibility in vitro. *Neuroscience.* 2007 May 1; [Epub ahead of print]

**Duncan, M.J.** (2007) Circannual prolactin rhythms: Calendar-like timer revealed in the pituitary. *Trends in Endocrinology and Metabolism*, in press.

**Sarah B. Martin, D. Jeff Covell, Jane E. Joseph, Himachandra Chebrolu, Charles D. Smith, Thomas H. Kelly, Yang Jiang and Brian T. Gold.** Human experience seeking correlates with hippocampus volume: Convergent Evidence from Manual Tracing and Voxel-Based Morphometry. *Neuropsychologia*, in press.

Pietropaolo, S., Paterna, J-C., **Büeler, H., Felton, J. and Yee, B. K.** (2007). Bidirectional changes in water maze learning following recombinant adenovirus-associated viral vector (rAAV)-mediated BDNF expression in the rat hippocampus. *Behav Pharmacol*, in press.

Dey, S. and **Snow, D.M.** Cocaine Exposure In Vitro Induces Apoptosis in Fetal Locus Coeruleus Neurons through TNF- $\alpha$  Mediated Induction of Bax and Phosphorylated c-Jun NH2-terminal Kinase. *J. Neurochemistry*, in press.

Zhang SX, Holmberg EG, **Geddes JW.** Artifactual dendritic beading in rat spinal cord induced by perfusion with cold saline and paraformaldehyde. *J Neurosci Methods.* 2007 Jun 15;163(1):38-43.

Yu CG, **Geddes JW.** Sustained Calpain Inhibition Improves Locomotor Function and Tissue Sparing Following Contusive Spinal Cord Injury. *Neurochem Res.* 2007 May 3; [Epub ahead of print]

Naga KK, **Sullivan PG, and Geddes JW.** "High cyclophilin D content of synaptic mitochondria results in increased vulnerability to permeability transition," accepted in *J Neurosci.*

### Announcements

**Kathleen Donoghue** won 2nd prize in the pre-doctoral division for poster presentation at the 26th Annual Symposium in Reproductive Science and Women's Health, held at UK on May 17-18, 2007. Her poster was entitled: "The effect of phenobarbital on Period 1 and Period 2 mRNA expression in the suprachiasmatic nucleus of female hamsters". Co-authors were: K.M. Donoghue, V.A. Davis, K.M. Franklin, and M.J. Duncan.

**Dr. Jennifer Brueckner** was just named Reviews Editor for the journal *Clinical Anatomy*. Congratulations, Dr. Brueckner!

Congratulations to **Vanessa Dimayuga** from Dr. Anna Bruce-Keller's lab who was awarded a Fulbright scholarship for graduate study and research abroad. Vanessa will be studying at the Netherlands Institute for Neuroscience with Dr. Elly Hol and her research group doing Alzheimer's research. Good luck, Vanessa!

On May 11 **Dr. Pam Stein** was honored at the University of Kentucky College of Nursing's Inaugural Celebration of Excellence Reception. She was presented with the College of Nursing Teaching Excellence in Support of Professional Nursing Award by the Dean of the College of Nursing, Dr. Jane Kirschling. The award recognizes excellence in the development and delivery of effective teaching and learning experiences for students in the College of Nursing.



Congratulations to **Dr. Jim Geddes** who recently received a NIH PO1 Grant as PI: Calpain as a Therapeutic Target in TBI. Project and Core Leaders are Drs. Jim Geddes, **Ed Hall, Rodney Guttmann** and **Kathy Saatman**.

### Presentations

**Dr. Diane Snow** presented "Neuronal growth cone psychology: understanding the behaviors and decisions nerve cells make at inhibitory borders" Rutgers University, W. M. Keck Center for Collaborative Neuroscience; invited by the Rutgers University Women In Neuroscience programs (RUWINS). May 4, 2007.

### Presentations

**Dr. George Quintero** presented "Rapid amperometric measures of age-related changes in glutamate regulation in cortex of rhesus monkeys" at the 14<sup>th</sup> Annual Meeting of the American Society for Neural Therapy and Repair (ASNTR), May 3-5, 2007, Clearwater Beach, FL, U.S.A. He was also awarded a Post-doctoral Scholar Travel Award for the conference.

**Dr. Zhiming Zhang** presented a talk entitled "Pharmacological MRI study of Parkinson's disease in Primates" at the 14<sup>th</sup> annual conference of American Society for Neural Therapy and Repair (ASNTR) on May 5<sup>th</sup> in Clearwater Florida.

**Michelle Stephens** presented "Subregional Comparisons of Second-by-second Glutamate Clearance in the Rat Hippocampus During Aging" at the 14<sup>th</sup> Annual Meeting of the American Society for Neural Therapy and Repair (ASNTR), May 3-5, 2007, Clearwater Beach, FL, U.S.A. She was also awarded a Graduate Student Travel Award for the conference.

**Pete Huetti** presented "Second-by-Second Recordings of Glutamate in Rat Spinal Cord Utilizing Ceramic-Based Microelectrode Arrays" at the 14<sup>th</sup> Annual Meeting of the American Society for Neural Therapy and Repair (ASNTR), May 3-5, 2007, Clearwater Beach, FL, U.S.A.

**Dr. Pat Sullivan** has had the following presentations this May:

- Karolinski Institute, Department of Pediatric Metabolism, Stockholm, Sweden. Seminar: Neuroprotective effects of TOVA, a Novel, Cell Permanent Glutathione Precursor, following Traumatic Brain and Spinal Cord Injury.
- Naval Medical Research Center, Department of Combat Casualty Care, Walter Reed Medical Institute, Washington, D.C. Seminar: Novel Antioxidant Approaches for the Treatment of Traumatic Brain and Spinal Cord Injuries.

A perfect summer day is when  
the sun is shining,  
the breeze is blowing,  
the birds are singing,  
and  
the lawn mower is broken.  
~ James Dent ~

## Departmental Birthdays

## Comings and Goings



### June

Dr. Steve Scheff ~ 6/1

Adrian Centers ~ 6/6

Hamed Hagnazar ~ 6/9

Julie Poole ~ 6/16

April Richardson ~ 6/16

Dr. Marilyn Duncan ~ 6/18

Alex Blandford ~ 6/24

Gianna Farley ~ 6/25

Dr. Anna Keller ~ 6/28



Congratulations to Ying Deng Bryant from Dr. Ed Hall's lab. She married Benjamin Bryant on May 9, 2007. We wish you a lovely future together!



We would also like to congratulate Dr. Erin Rutherford Hascup and Kevin Hascup from Dr. Greg Gerhardt's lab who were united in marriage on May 19, 2007! We wish you both the best!

And who said June was the big wedding month!

## Employee of the Quarter

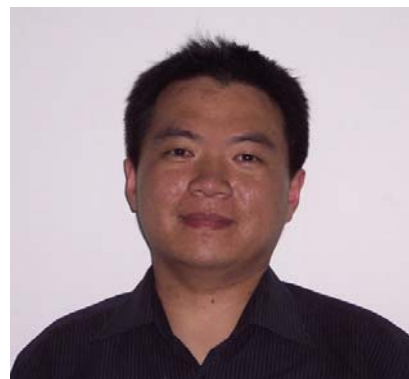
**THE EMPLOYEE OF THE  
QUARTER  
COMMITTEE  
NEEDS YOUR  
NOMINATIONS!!**



**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.**



Please welcome Dr. XiuQuan He to Dr. Gash's Lab! Dr. He is a visiting scientist from Shandong University in China. Dr. He will be working with the lab on cell culture techniques.

techniques.

# 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](mailto:asand1@email.uky.edu) or call 859-257-5036.

**The Next Deadline is June 25, 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

June 21 9a-12p Rm. NURS 504

July 27 9a-12p Rm. NURS 214

**Advanced Radiation Safety** is only

available [online](#).

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

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

**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

### Human Resources

#### Development course offerings

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

- 6-6 ~ Multi-generational Diversity in the Workplace: Veterans, Boomers, X'ers and Nexters
- 6-8 ~ Communicating Across Cultures
- 6-8 ~ Teamwork in a Changing Workplace

- 6-11 ~ Managing Staff Conflict
- 6-13 ~ Personality Differences
- 6-15 ~ Group Problem Solving
- 6-19 ~ Facing the Challenge of Change
- 6-20 ~ Presenting Effectively Day 1
- 6-21 ~ Basics of Leadership
- 6-27 ~ Presenting Effectively Day 2



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