

BRAIN WAVES

Volume 4, Issue 9

October 3, 2007

COM CONVOCATION AWARDS

Congratulations to our faculty who received awards at this year's College of Medicine (COM) Fall Convocation!

The chair of our department, **Dr. Don Marshall Gash** received the **William R. Willard Dean's Recognition Award** for "significant and long standing dedication to medical education." The award included a certificate of honor and the Willard Chair.



Dr. Gash and his family

Dr. Gash's wife, Sharon, and other family members were able to attend as a surprise.



Dr. Brian MacPherson (left) presented the award to Dr. Gash

Dr. Gash's wife, Sharon, and other family members were able to attend as a surprise.



From left: Dr. Maley, Erin Lampson and Dr. Brueckner

Both Drs. Brueckner and Maley were chosen by the first-year medical students, represented by their class president, Erin Lampson.

Dr. Jennifer Brueckner received the **Silver Pointer Award** for the "outstanding instructor in a first-year course." This is the fourth year in row that Dr. Brueckner has received this honor.

Course Director **Dr. Bruce Maley** accepted the **Silver Podium Award** for "outstanding first-year course" ANA 814 Medical Gross Anatomy and Embryology.

Both Drs. Brueckner and Maley were chosen by the first-year medical students, represented by their class president, Erin Lampson.

Dr. Pamela Stein received the **Abraham Flexner Master Educator Award for Faculty Development in Education.**



Dr. Pamela Stein



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

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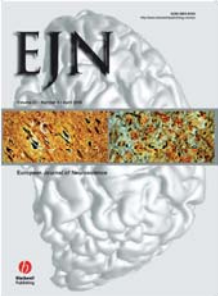
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SPECIAL POINTS OF INTEREST:

WE NEED YOUR NOMINATIONS FOR EMPLOYEE OF THE THIRD QUARTER. SEE PAGE 5.

Professional Announcements

Publications



Duncan, M.J. (2007) Circannual prolactin rhythms: Calendar-like timer revealed in the pituitary gland. *TRENDS in Endocrinology and Metabolism* 18:259-260.

Stein PA, Brueckner JK, Matthew Milliner. Sensory innervation of mandibular teeth by the nerve to the mylohyoid: Implications in local anesthesia. *Clinical Anatomy*, August 2007, 20:591-595.

Don M. Gash, Kathryn Rutland, Naomi L. Hudson, Patrick G. Sullivan, Guoying Bing, Wayne A. Cass, Jignesh D. Pandya, Mei Liu, Dong-Yong Choi, Randy L. Hunter, Greg A. Gerhardt, Charlie D. Smith, John T. Slevin and T. Scott Prince. Trichloroethylene: Parkinsonism and Complex 1 Mitochondrial Neurotoxicity. *Annals of Neurology* (accepted).

Mark T, Fikse WF, **Sullivan PG, VanRaden PM.** Prediction of genetic correlations and international breeding values for missing traits. *J Dairy Sci.* 2007 Oct;90(10):4805-13.

Publications

Nickell J, Salvatore MF, **Pomerleau F**, Apparasundaram S, **Gerhardt GA.** Reduced plasma membrane surface expression of GLAST mediates decreased glutamate regulation in the aged striatum. *Neurobiol Aging.* 2007 Nov;28(11):1737-48.

Smith CD, Walton A, Slevin JT, **Gerhardt GA, Umberger G, Smoot K, Schulze E, Gash D.** Validation studies of the human movement analysis panel for hand/arm performance. *J Neurosci Methods.* 2007 Sep 30;165(2):287-296.

Onifer SM, Nunn CD, Decker JA, Payne BN, Wagoner MR, Puckett AH, Massey JM, Armstrong J, Kaddumi EG, Fentress KG, Wells MJ, West RM, Calloway CC, Schnell JT, Whitaker CM, Burke DA, Hubscher CH. Loss and spontaneous recovery of forelimb evoked potentials in both the adult rat cuneate nucleus and somatosensory cortex following contusive cervical spinal cord injury. *Exp Neurol.* 2007 Oct;207(2):238-247.

Pietro Paolo S, Paterna JC, **Büeler H, Feldon J, Yee BK.** Bidirectional changes in water-maze learning following recombinant adenovirus-associated viral vector (rAAV)-mediated brain-derived neurotrophic

Publications

factor expression in the rat hippocampus. *Behav Pharmacol.* 2007 Sep;18(5-6):533-47.

Murphy MP, Beckett TL, Ding O, Patel E, Markesbery WR, St Clair DK, LeVine H 3rd, **Keller JN.** Abeta solubility and deposition during AD progression and in APPxPS-1 knock-in mice. *Neurobiol Dis.* 2007 Sep;27(3):301-11.

Presentations

Dr. Pamela Stein had the following presentations:

- Invited speaker, "Tooth Loss and Risk of Dementia: Findings from the Nun Study." Palm Beach Atlantic University, West Palm Beach, FLA, September 24, 2007.
- Invited speaker, "Oral Health and Aging." 2007 Aging and Independent Living Conference, Hosted by the Kentucky Department for Aging, Louisville, KY, September 6, 2007.

FACULTY MEETING HIGHLIGHTS

- Please be aware that email is not considered a confidential form of communication. Do NOT send out information that is not professional.
- A fighting fund for administrative staff has been approved by the university to even out salary irregularities and reward performance.
- Dr. Diane Snow serves as the department's Faculty Senator. If you have any topics you wish to be brought to the Faculty Senate, please contact her at diane.snow@uky.edu.
- Please be sure to consider donating to the United Way. All funds are used locally and may be claimed on your 2007 tax return. For more information contact Gianna Farley, our departmental representative, at gianna.farley@uky.edu.
- Dr. Jennifer Brueckner, Faculty Council Chair, gave a report on the following developments: Physiology has begun a graduate teaching certificate program like the one we developed, Dental Neuroanatomy has increased to 2 credit hours, Biochemistry has created a new course on biosynthesis, a diversity committee has been created to analyze policies, etc. with representatives from faculty, staff, resident, graduate student and post-doctoral populations.
- Just a reminder that vinyl chairs must be used in all wet lab settings.
- Be sure to follow your building's fire alarm procedures in order to avoid injury and disciplinary actions.
- The Graduate School requires an annual progress report on all our students in addition to the bi-annual committee meeting minutes. These reports should be given by the students' mentors to Dr. Jane Joseph, Director of Graduate Studies, to submit.
- The Graduate School would like to highlight small groups of students on its website. Nominations will be taken. For more information, contact Dr. Jane Joseph at jjoseph@uky.edu.
- Dissertation Boot Camps are being organized for upper level doctoral candidates. They will last one week and focus on the writing, organizing and formatting of the dissertation. For more information, contact Dr. Jane Joseph at jjoseph@uky.edu.

Departmental Birthdays

Comings and Goings



October

10/4 ~ Becca Haggard

10/5 ~ Jordan Revlett

10/16 ~ Dr. Jorge Quintero

Employee of the Quarter

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



Please submit
your nominations
to either



Kim Wilkirson or Joey Rose

kdwilk1@email.uky.edu

or

joey@uky.edu

The nomination form is located on the next page.

PLEASE WELCOME OUR NEW DEPARTMENT MEMBERS:

Jenny Payette joined the Gash lab this fall. She will be working closely on the histology projects for the lab with



Dr. Yi Ai. Jenny is originally from Lexington, Virginia. She graduated with a degree in Biology from Bridgewater College in Virginia. Previously Jenny worked in an environmental lab in Pennsylvania. She was married in June, and her husband is studying for his Master's in Library Science from the University of Kentucky. They have two horses and enjoy the outdoors.

Dr. Yi Ai. They have two horses and enjoy the outdoors.



Brent Evans grew up in Nicholasville and graduated from West Jessamine High School. From there he went to Vanderbilt University in Nashville, Tennessee where he received a Bachelor's of Science in Neuroscience. At Vanderbilt he had the good fortune of working as a

research assistant in both the departments of Neurology and Biochemistry. He decided to move back to Lexington to be closer to his friends and his family, which includes his parents, a grandmother, and two younger brothers. This move led him to this exciting job with our department! Brent will be conducting experiments with Dr. Yi Ai.

Please give a belated welcome to Dr. Geoffrey Guttman, our Visiting Associate Professor. Dr. Guttman will be teaching various courses in the department for the next year. Welcome, Dr. Guttman. We are pleased that you have joined us!



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 or call 859-257-5036.

The Next Deadline is October 22, 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

October 24	9a-12p	HS504 HSLC
November 15	1-3p	HS504 HSLC

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>

- 10-8 ~ Teamwork in a Changing Workplace
- 10-9 ~ Coaching Your Front Line Staff
- 10-9 ~ Providing Exceptional Customer Service
- 10-10 ~ Managing Change
- 10-12 ~ Basics of Diversity
- 10-15 ~ Leading Effective Teams
- 10-16 ~ Crucial Confrontations
- 10-17 ~ Principles of Effective Writing
- 10-19 ~ Basics of Leadership

10-22 ~ Developing a Winning Image

10-23 ~ 21 Indispensable Qualities of a Leader

10-24 ~ Leading Customer Service Providers

11-2 ~ Communicating with Success

11-5 ~ Building a Climate of Trust

11-6 ~ Gender Styles in Communication

11-7 ~ Personality Differences

11-9 ~ Group Problem Solving

11-16 ~ Thinking Critically

11-27 ~ Communicating Across Cultures



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