

DHLRI

FYI



DOROTHY M. DAVIS
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THE NEWSLETTER OF THE DAVIS
HEART AND LUNG RESEARCH
INSTITUTE AT OSU

June 2005

Steinhour Awarded 2nd Place at Denman Undergraduate Research Forum

Emily Steinhour, an undergraduate researcher in the lab of Narasimham Parinandi, PhD, won Second Place on May 18 at the Richard J. and Martha D. Denman Undergraduate Research Forum. Emily's research was about "Lipid signaling mediation of agricultural dust-induced respiratory epithelial inflammation."

The Forum invited 300 undergraduates who explained their results to 155 Judges. The Denman Undergraduate Research Forum provides a means for undergraduate students to share their research with members and friends of the OSU community; recognizes the significant contributions to research by OSU undergraduates; and facilitates exchange between students, faculty, and the public. This is the ninth year for the forum.

AALAS Awards recognize Newland

The American Association of Laboratory Animal Science (AALAS) recently presented two awards to Marsh Lab research associate Christie Newland. Christie received the Award for Laboratory Animal Technologist of the Year, Jan 2005 - Central Ohio Branch and the Award for Laboratory Animal Technologist of the Year, May 2005 - District 5. District 5 includes the states of Michigan, Ohio, Kentucky, and Indiana.

The AALAS is an organization dedicated to building and disseminating a knowledge base in laboratory animal science for the education and training of those who work in this field. Christie is a Registered Lab Animal Technologist and Licensed Veterinary Technologist.



June Programs

June 1: DHLRI Discovery Series: "MRI Assessment of Tissue Iron: A Basic And Clinical Perspective"; John Wood, MD, PhD; Assistant Professor of Pediatric Cardiology and Radiology, University of Southern California; Noon, 170 Davis Heart & Lung. CME credit offered.

June 2: Columbus Ohio Microarray Interest Club (COMIC) Meeting; Jessica Tonnany, Genotyping Specialist, Affymetrix, Inc; 10:00 - 12:00, 170 Davis Heart & Lung.

June 2: "Pharmacogenomics Technology Update and Clinical Application"; Mark A. McCamish, MD, PhD; Chief Medical Officer and VP of Clinical Development, Perlegen Sciences; 11:00, H1213 Ross Heart Hospital. Presented by the Department of Pharmacology and the DHLRI.

June 10: Research in Progress; Donna Kusewitt, DVM, PhD, ACVP, Veterinary Biosciences.*

June 20 - 22: “GRANTS 101: Professional Grant Proposal Writing Workshop”; Presented by the Grant Institute; Ohio Union; For more information call (888) 824-4424 or visit The Grant Institute website at <http://www.thegrant institute.com>.

June 24: Research in Progress; Tom Clanton, PhD, Professor, Pulmonary, Critical Care, and Sleep Medicine.*

**Research in Progress presentations are held at noon on Fridays in room 165 Davis Heart & Lung.*

Building Safety Training Courses Schedule

All COMPH/OHS faculty, students and staff who are located in college of medicine/health sciences buildings (this includes DHLRI and TMRF) are required to attend a one hour, one time only training session on building safety. If you've yet to do so, please plan on attending the course on Tuesday, June 7 at 1:00 in 107 Hamilton Hall. No pre-registration is required.

If you have questions about this session, call Adrienne Frostholtm at 292-7747 (frostholtm.1@osu.edu).

OSUMC Town Meetings Slated June 20-July 1

Make plans to attend one of more than 30 Medical Center Town Meetings being planned starting the week of June 20. Hosted by OSU Medical Center CEO Fred Sanfilippo, MD, and Health System CEO Pete Geier, these meetings will be your opportunity to learn about the Medical Center's newly developed strategic plan, share your ideas and questions, and connect with senior leadership throughout the Medical Center. Watch for more details in This Week and on OneSource beginning June 1.

Operation Feed Campaign a Great Success

Thanks to the Medical Center's generosity, this year's Operation Feed campaign was a great success. The Medical Center donated a total of 4,722 pounds of food which, when combined with \$4,010.31 in donations, will provide 12,743 meals for hungry people in central Ohio. The number of meals donated was a 78 percent increase over last year's total (7,170 meals) and represents 85 percent of this year's goal (15,000 meals). Canned goods and other non-perishable items were donated at drop-off locations around the Medical Center.

New IRB Forms To Be Used Starting July 1

The OSU Institutional Review Board application for approval of new human subjects research and the informed consent template have been revised for use by the Biomedical, Cancer, and Behavioral and Social Sciences boards. The revised forms must be used for new studies submitted on or after July 1. The new forms are available on the Office of Responsible Research Practices (ORRP) Web site at www.orrp.osu.edu.

Business Office Receiving **HUGE** Discounts from UPS

DHLRI Business Office is set up to receive tremendous discounts from UPS on our shipping needs. We have saved anywhere from **50-75%** on next day air letters and packages. Please contact Karel Smith in the Business Office for more information. smith.3513@osu.edu or 247-7797

Nominate Someone Special for Employee of the Month

The College of Medicine and DHLRI would like to recognize those employees who are on the job day in and day out, adding that extra effort it takes to get a job well done as they go about their daily responsibilities in an outstanding manner. Help us all by recognizing the best of our department. If you know a fellow employee who would fit these criteria, please contact the DHLRI Business Manager to receive nomination form. smith.3513@osu.edu or 247-7797



Recent Publications

Jones KJ, Serpe CJ, Byram SC, Deboy CA, Sanders VM. 2005. Role of the immune system in the maintenance of mouse facial motoneuron viability after nerve injury. *Brain Behav Immun.*,19:12-19.

Podojil, J.P. and Sanders, V.M. (2005). CD86 and Beta2-Adrenergic Receptor Stimulation Regulate B cell Activity Cooperatively. *Trends in Immunol.*, 26:180-185.

Rosas, L.E., Barbi, J., Lua, B., Fujiwara, Y., Gerard, C., Sanders, V.M., and Satoskar, A.R. (2005). CXCR3^{-/-} mice mount an efficient Th1 response but fail to control *Leishmania major* infection. *Eur. J. Immunol.*, 35:515-523.

Rose, JL, Huang, H, Wray, SF, Hoyt, DG: Integrin-engagement increases histone H3 acetylation and reduces histone H1 association with DNA in murine lung endothelial cells. *Molecular Pharmacology*: In Press, 2005. <http://molpharm.aspetjournals.org/cgi/reprint/mol.104.010876v1>

Voss, O.H., Kim, S., Wewers, M.D. and Doseff, A.I. (2005). Caspase-3 is a phosphoprotein and associates with PKC during spontaneous monocyte apoptosis. *J. Biol. Chem.* 280: 17371-17379.

Wei, Q., and Xia, Y. Roles of 3-phosphoinositide-dependent kinase 1 in the regulation of endothelial nitric oxide synthase phosphorylation and function by heat shock protein 90. *J. Biol. Chem.* 280:18081-18086, 2005.



Grants Office Tip of the Month

Planning to include subcontractors or consortia on your next proposal?

See the grants office at least one week before the deadline. You must have a budget from your collaborators at other institutions *even if you are submitting an NIH modular budget proposal*. Subcontracts affect your budget total!

Please see Karla Gengler-Nowak or Elaine Wakely in the DHLRI Grants Office (110 DHLRI) with any questions about this tip.

June 1 Early Bird Award

The Grants Office congratulates Yunbo Li for submitting a grant proposal before any other DHLRI investigator for the June 1 deadline. Dr. Li's organization and planning is especially notable because he has submitted *two* R01 proposals. The "Early Bird Gets the Worm Award" is presented at each major grant deadline to the DHLRI Investigator that submits his/her application before any other investigator. Congratulations, Dr. Li!

New Awards

PI: William Abraham, DHLRI
Title: Paracor ventricular support system
Sponsor: Paracor
Amount: clinical trial
Start date: 3/1/05 End date: 12/31/08

PI: David Feldman
Title: Resynchronization reverses remodeling in systolic left ventricular dysfunction (REVERSE)
Sponsor: Medtronic
Amount: clinical trial
Start date: 4/15/05 End date: 2/6/06

PI: Raymond Magorien
Title: A comparison of CS-747 and clopidogrel in acute coronary syndrome subjects who are to undergo percutaneous coronary intervention/TIMI-38
Sponsor: Quintiles/Eli Lilly
Amount: clinical trial
Start date: 4/14/05 End date: 10/31/06

PI: Raymond Magorien
Title: Strategy to reduce atherosclerosis development involving administration of rimonabant - the intravascular ultrasound study (STRADIVARIUS)
Sponsor: Sanofi-Synthelabo
Amount: clinical trial
Start date: 5/10/05 End date: 1/31/08

For more information on this newsletter, contact the editor, Chris Brakenbury, at 247-7155 or brakenbury-1@medctr.osu.edu. The newsletter is also available online at <http://heartlung.osu.edu>. To unsubscribe, please contact Chris via e-mail.