



FYI: THE NEWSLETTER OF THE DAVIS HEART AND LUNG RESEARCH INSTITUTE AT OSU

December 2005

The Institute and the Ross Heart Hospital: The Clinical Research Connection

Did you know that the Division of Cardiovascular Medicine has one of the largest clinical trial organizations at the OSUMC? The **Cardiovascular Clinical Research Unit (CCRU)**, directed by Dr. Garrie Haas, is located in DHLRI Suite 105.



The CCRU, in partnership with patients, health care professionals, and researchers, provides leadership in the conduct of clinical trials investigating new cardiovascular drug and device therapies. By linking the OSU Ross Heart Hospital and OSU DHLRI, the CCRU provides an opportunity for clinical researchers and basic scientists to work together to improve patient care and outcomes.

The CCRU manages over 50 clinical research projects, including investigator-initiated single-site studies, NIH-sponsored multi-site trials, and industry-sponsored trials. Studies span a number of research areas: heart failure, interventional cardiology, electrophysiology, cardiac imaging, cardiac genotyping, and pulmonary hypertension.

Investigators and research staff identify patients who may be candidates for specific protocols, then follow the patients closely throughout the studies, often for several years. The results of these investigational clinical studies help form the basis for standard of care practices and identify additional questions for translational and basic research.



For more information about cardiovascular clinical research at the OSUMC please contact Deanna Golden-Kreutz, PhD, CCRU Manager, at 614/247-7811.

DHLRI Members Named AAAS Fellows

The American Association for the Advancement of Science (AAAS) has elected 3 Institute members as Fellows. AAAS members are elevated to the rank of Fellow for their efforts in advancing science or fostering applications that are deemed scientifically or socially distinguished.

Institute members **Jeffrey Chalmers, PhD**, (Professor, Chemical and Biomolecular Engineering), **P. Chris Hammel, PhD**, (Professor, Physics), and **Christoph Plass, PhD**, (Associate Professor, Molecular Virology, Immunology and Medical Genetics) were among 20 Fellows elected from Ohio State.

The 20 new AAAS Fellows from OSU are among 376 nationwide who were elected by the AAAS Council in September. For the third straight year, OSU leads the nation in the number of faculty named as AAAS Fellows.

Distinguished Awardees to be Announced December 9

Forty-three letters of nomination were received for the annual DHLRI Distinguished Mentor, Research Staff, and Post Doc Awards. The Education Committee has reviewed all nominations and selected this year's recipients. The awardees for 2005 will be announced on December 9, 2005 at 11:30 am in the Institute's auditorium (room 170). Thank you to everyone who submitted a nomination.

The award announcements will be followed by the Institute's Holiday Reception in the lobby. Join your colleagues for holiday food and cheer! All DHLRI faculty and staff are invited to attend.

Kudos

Dr. Anna Barker, Deputy Director for strategic scientific initiatives for NCI, noted that the newly-funded efforts supporting the design of nanotech treatment tools, research platforms and professional training would not be in place today were it not for the leadership of **Dr. Mauro Ferrari**. Ferrari guided the NCI's nanotechnology efforts on a part-time basis during much of 2005, but has now returned to his duties at Ohio State.

Mandatory Training for DHLRI Procurement Card Holders

The College of Medicine has initiated some new policy changes, and as a result a mandatory training class is being presented by the DHLRI Business Office to explain the applicable policy changes and useful tips to using the Procurement Card. The training class will be held Thursday, December 1 at 2 p.m. in 159 Davis Heart & Lung.

This training is only for those whose procurement card is administered by the Institute. If you are not able to attend this training class, please contact the DHLRI Business Manager at karel.smith@osumc.edu to make special arrangements. New policies go into effect January 1, 2006. If you have not attended the DHLRI Training course by this date, your card will be terminated.

Building Safety Training

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. This is currently the only mandatory safety training not offered for credit online.

Be sure to sign the registration sheet in order to document your attendance. You will need your University ID number. Those arriving more than 10 minutes late will not be admitted. If you

have questions about this training, call Adrienne Frosthalm at 292-7747 (frosthalm.1@osu.edu). The next offered course is:

Wednesday, December 14th
11:00 am - 12:00 pm
165 Davis Heart and Lung Research Institute

Inspection of Fire Protection Systems

Facilities Operation Development/Maintenance would like to make you aware of the annual inspection and testing of Fire Protection Systems. Annual inspections and testing will occur during the quarter break; **TMRF will be tested between 12/12 - 12/22, and DHLRI will be tested between 12/21 - 12/30.**

During this testing, building occupants can expect to hear fire alarm bells or signals intermittently. Please ignore the alarm during posted test days unless otherwise directed by emergency personnel. Thank you for your patience and willingness to work with Facilities Operation Development during these annual inspections.

11th Annual Hidden Benefits Fair

The University Staff Advisory Committee (USAC) invites staff to attend its 11th Annual Hidden Benefits Fair on Wednesday, December 7 from 11:00 am - 2:00 pm at the French Field House. This annual event showcases many services available to Ohio State faculty and staff. Admission is free. Hot dogs and soda are available at a discount. Attend and register for door prizes, pick up plenty of free items and lots of information. Vendors also offer goods for sale. For details, visit USAC's website at <http://usac.osu.edu>.

OPERS / ARP Rate Change

Beginning January 1, 2006 all faculty, staff (except those in Law Enforcement), and students participating in the Ohio Public Employees Retirement System (OPERS) or Alternative Retirement Plan (ARP) **will experience an increase in contribution rates.** Rate increases will be phased in over the next three years, resulting in both the OPERS and ARP participants ultimately contributing the maximum amount allowed by law.

For 2006, the employee contribution rate will increase from 8.5% to 9% and the university contribution rate will increase from 13.31% to 13.54%. A detailed schedule of rate increases through 2008 can be viewed online at: <http://hr.osu.edu/benefits/OPERScontributionchange.pdf>

These rate increases are part of a restructuring effort by OPERS to preserve ongoing health care and retirement benefits. Additional information on OPERS retirement benefits can be viewed at: <http://hr.osu.edu/benefits/retirepers.htm>

While this OPERS initiative does not apply to ARP participants at Ohio State, the university is mirroring the OPERS rate change and schedule to ensure that all participants contribute at the same level regardless of their retirement plan choice. Additional information on ARP retirement benefits can be found at: <http://hr.osu.edu/benefits/retirearp.htm>

Bi-weekly paid employees who participate in the ARP will see the new deduction amount on their **January 6, 2006** pay information. Employees paid bi-weekly who participate in OPERS

will see the new deduction on their **January 20, 2006** pay information. All employees who are paid monthly will see the increase on their **January 31, 2006** pay information, regardless of whether they participate in OPERS or ARP.

If you have any questions regarding the rate changes you can contact OPERS at 1-800-222-PERS (7377) or visit <http://www.opers.org/> or contact the Office of Human Resources Customer Service Center at service@hr.osu.edu, (614) 292-1050, or 1-800-678-6010.

Holiday Closures

University offices will be closed to observe the following holidays in December and January:

Monday, December 26: Christmas Day observed
Tuesday, December 27: Presidents' Day observed
Monday, January 2: New Year's Day observed



December Programs and Events

December 1: Genetics Core Lab / BioRad Seminar; 12:00 PM, 160 Davis Heart & Lung.

December 1: DHLRI Procurement Card Training; 2:00 PM, 159 Davis Heart & Lung.

December 2: Research in Progress; Pawel Kwiatkowski, MD; Surgery.*

December 7: DHLRI Grant Writing Workshop; 10:00 AM, 165 Davis Heart & Lung.

December 9: DHLRI 2005 Distinguished Awards Presentations and Holiday Reception; 11:30 AM, Davis Heart & Lung auditorium (170) and lobby.

December 15: ABI/COMIC Meeting; 11:00 AM, 165 Davis Heart & Lung.

December 16: Research in Progress; Tsonwin Hai, PhD; Molecular Neurobiology, Molecular & Cellular Biochemistry.*

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



Recent Publications

Chen YR, Chen CL, Zhang L, Green-Church KB, Zweier JL. Superoxide Generation from Mitochondrial NADH Dehydrogenase Induces Self-inactivation with Specific Protein Radical Formation. *J Biol Chem.* 2005 Nov 11; 280 (45):37339-48. Epub 2005 Sep 8

Grant Proposal Writing Series Kicks Off December 12

The College of Medicine's Office of Research is sponsoring a grant proposal writing series on Dec. 12 from 8:30 a.m. - 4:30 p.m. in room 170 DHLRI. The first presentation in the series will be a highly interactive workshop featuring key principles of successful grant writing and practical exercises to help faculty sharpen their grant writing and reviewing skills.

Workshop leader Robert Porter, PhD, will explore what constitutes a fundable idea; what reviewers are looking for; how to write a persuasive case for funding; and how to get rid of some bad habits in academic prose. A continental breakfast will be provided. Registration is preferred. Contact rees.1@osu.edu. A printable flier is available on the home page calendar of OneSource.

New Awards

PI: Edward Eteshola
Co-PIs: Steve Lee, Leonard Brillson
Title: Protein engineering and biosensing interface materials
Sponsor: NIBIB, Award K01 EB004960
Amount: \$122,414
Start date: 9/6/05 End date: 8/31/06

PI: Garrie Haas
Title: A phase 2, randomized, double blind, parallel-group, placebo-controlled, multicenter study to examine the effects of AC2592 administered by continuous subcutaneous infusion in subjects with advanced chronic congestive heart failure
Sponsor: Amylin
Start date: 9/16/05 End date: 6/29/06

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

