



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

April 2006

DHLRI Announces Annual Research Poster Competition

Invitation for submission of abstracts

In recognition of the 5th Anniversary Celebrations of the Dorothy M. Davis Heart and Lung Research Institute, the DHLRI Education Committee is going to conduct a Research Poster Competition on April 28th, 2006 at the Blackwell Hotel. All post-doctoral fellows, clinical research fellows, graduate students, and research staff associated with the members of the DHLRI are encouraged to present their original research investigations at the poster competition.

To qualify for participation in the competition, post-doctoral fellows, clinical research fellows, graduate students, and research staff have to submit an abstract on or before April 14, 2006 to Kirsten Bauman (Kirsten.Bauman@osumc.edu). The abstract should adhere to a length of 300 words (single spaced) with a clear title, authors' names, and their affiliations. The presenting author should be the first author. Also, the contact information (Email address, telephone #, office address) of the presenting author should be furnished. Following the submission of the abstracts, the abstracts will be selected and the presenters will be informed the details of presentation, venue, and time of presentation.

One finalist from each of the 4 different categories will be selected by judges on the day of the competition. Each finalist will receive a certificate and a travel award. Each participant of the 4 different categories is eligible to submit only one abstract as the presenting author.

Please contact Dr. Parinandi for further questions (Phone #: 2-8577; Narasimham.Parinandi@osumc.edu). Please submit abstracts to Ms. Kirsten Bauman (Kirsten.Bauman@osumc.edu) on or before April 14, 2006.

Kudos

Clayton Taylor, undergraduate Honor Student working with Andrea Doseff's research team, has been awarded the Dean of the College of Biological Sciences' Undergraduate Research Fund for winter 2006 for his project on caspase regulation. Congratulations Clayton!

AJ Cardounel, PhD has been awarded his first R01 grant as a PI from NIH entitled "*Methylarginines and Vascular Injury*." The total award is \$1,345,500 over four years. The objective of the award is to determine the role of methylarginines and the enzyme DDAH as a key regulator of vascular function and the response to vascular injury as occurs during angioplasty. Congratulations to Dr. Cardounel and his co-investigators and consultants (Bush, Hassanain, Doseff, Bartlett, Druhan, and Zweier)!

OSUMC Town Meetings Back by Popular Demand

From parking to programs and performance to people, the upcoming Spring 2006 Town Meetings will give you an opportunity to learn about new developments at the Medical Center, share your thoughts and connect with senior leaders.

Through hundreds of questions and comments at the 2005 meetings, faculty and staff clearly voiced their desire for continued open communication about important issues within the Medical Center. The popularity of those meetings has prompted another round of these forums with new information.

A new series of meetings is being planned for April/May 2006. The meetings will be hosted by Medical Center CEO and Fred Sanfilippo, MD, PhD and Health System CEO Pete Geier and will cover **new** topics. The hour-long sessions will provide an opportunity for faculty and staff to learn more about the Medical Center initiatives, share ideas and ask questions and connect with senior leadership.

Dates, times and locations for the upcoming Town Meetings are posted on the homepage of OneSource.

2006 Medical Center Campus Campaign



The 2006 Medical Center Campus Campaign is now under way until April 14. You can make a difference by showing you believe in Ohio State and helping to advance the causes that are most meaningful to you. This year, you have a special opportunity for your Campus Campaign donation to make an even bigger impact. Your contribution to one or more of the 1,300 Medical Center funds will also count toward "The Power to Change Lives," the Medical Center's multi-year \$500 million fundraising campaign.

For those interested in directly supporting the Institute's mission and programs, here are some funds for your consideration:

302712	DHLRI Education and Training Fund (supports programs and/or attendance at conferences and seminars)
306088	DHLRI Fund (general support for heart and lung research)
310718	DHLRI Lectureship Series Fund (supports educational programs)

Learn more about the 2006 Medical Center Campus Campaign, find a complete listing of funds, and/or make your online contribution by visiting OneSource.



12th Avenue Becomes One-Way Westbound April 7

12th Avenue will reopen in front of the Biomedical Research Tower (BRT) construction site on Friday, April 7. However, the street will be **one-way westbound** until the end of May. Crews will be working on widening the north side of 12th Avenue from the Tzagournis Medical Research Facility to Cannon Drive during this time.

Traffic will need to use Neil Avenue to get to the 12th Avenue, North Cannon garages, Hospitals Loading Dock area and the Biosciences building. All traffic must go westbound on 12th Avenue when exiting any of these areas.

The existing detour signs will remain posted to direct traffic to Neil Avenue in order to get to 12th Avenue. Updated maps and directions are available at <http://medicalcenter.osu.edu/maps>. Be sure to inform all patients of this change and provide them with updated maps.



Recent Publications

Larson S. K., Dwyer D. S., Lo H. H. and Ghafourifar P. (2006) Mitochondrial cytochrome c reacts with nitric oxide via S-nitrosation. *Biochem. Biophys. Res. Commun.* 342, 991-995.

Wani MA, Haynes LD, Kim J, Bronson CL, Chaudhury C, Mohanty S, Waldmann TA, Robinson JM, Anderson CL. Familial hypercatabolic hypoproteinemia caused by deficiency of the neonatal Fc receptor, FcRn, due to a mutant β 2-microglobulin gene. *PNAS*, March 2006,103: 5084-5089.

Depression and Cardiovascular Disease Workshop April 8

A depression and cardiovascular disease workshop will take place on Saturday, April 8, from 8 a.m.- noon in Meiling Hall. The workshop is designed mainly for psychologists, psychiatrists, cardiologists and social workers but anyone can attend if interested. The workshop cost is \$25 and will discuss how individuals with heart disease suffer from higher than normal levels of psychological distress.

The following will also be covered in the workshop: explanation of the association between depression and cardiac disease; review of the psychotherapeutic and pharmacologic treatments for depression with co-morbid heart disease; discussion on well-researched depression screening tools; and more.

The workshop will be presented by Philip Binkley, MD, MPH; Radu Saveanu, MD; Amy Ferketich, PhD; and Nicholas Votolato, Pharm BCCP. For more information about the workshop including credit hours and registration, obtain a copy of the brochure at http://ccme.osu.edu/conferencebrochures/20060408_Depression.pdf. Or, contact Ellen Yokoyama at 293-9992 or e-mail ellen.yokoyama@osumc.edu. Registration is also available online on OSU's Center for Continuing Medical Education Web site at <http://ccme.osu.edu>. The registration deadline is April 7.

Career Awards Proposal Seminar Offered

The Department of Internal Medicine and the Davis Heart and Lung Research Institute are offering a **Career Award Proposal Seminar** to help junior investigators develop NIH career ("K") award proposals. Senior faculty members will address issues such as staking your career path, developing a research plan, and pitching your proposal to win reviewers. Administrative issues will be presented by Margie Crawford, Internal Medicine Research Manager, Karla Gengler-Nowak, PhD, Research Foundation Sponsor Program Officer, and Elaine Wakely, DHLRI Grants Development Specialist. Many of the topics presented will also apply to the submission of other types of proposals.

This seminar is on April 20 from 1:00 - 4:00 PM in room 170 DHLRI. Register by emailing your name, title, and division to Cheryl.Kulmala@osumc.edu, by April 18th if you plan to attend.



April Programs and Events

April 12: Discovery Series; “*The Emerging Role of GM-CSF in Pulmonary and Systemic Immunity.*” Bruce C. Trapnell, MD; Professor, Departments of Medicine and Pediatrics, University of Cincinnati College of Medicine. Noon, 170 Davis Heart & Lung.

April 14: Research in Progress; TBA.*

April 20: Career Award Proposal Seminar; 1:00 - 4:00 pm, 170 Davis Heart & Lung. See article above for registration information.

April 21: Research in Progress; Vijay Kutala, EPR.*

April 26: Discovery Series; Mark Edward Anderson, MD, PhD; Potter-Lambert Professor of Cardiovascular Medicine. Noon, 170 Davis Heart & Lung.

April 28: Research in Progress; Phospholipidomics Core.*

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

NIH Funding Opportunity

A recent notice of funding opportunities from NIH included an announcement entitled **Nutrition and Diet in the Causation, Prevention, and Management of Heart Failure (R21)** that may be of interest to investigators in the Institute. "The purpose of this Funding Opportunity Announcement (FOA) is to encourage submission of investigator-initiated research applications on the role of nutrition and diet in the causation, prevention, and treatment of cardiomyopathies and heart failure. Basic, translational, and applied interdisciplinary research applications with rigorous hypothesis-testing designs for projects in animals or humans are of interest. The overall goal is to develop a satisfactory science base for preventive approaches in high-risk individuals and for rational nutritional management of patients in various stages of heart failure."

To learn more about this grant opportunity, see the following web link: <http://grants.nih.gov/grants/guide/pa-files/PA-06-136.html>

Applications are due on the standard NIH submission dates, which are: June 1, October 1 and February 1 until March 2, 2009. A letter of intent is not required for this grant application.

New Awards: Federal, State, Foundations

PI: AJ Cardounel
Co-Is: Charles Bush, Andrea Doseff, Hamdy Hassanain
Sponsor: NHLBI, Award No. 1 R01 HL081734-01
Title: Methylarginines and vascular injury
Amount: \$1,351,319
Start date: 3/15/06 End date: 2/28/10

PI: Andrea Doseff
Sponsor: NSF Molecular and Cellular Biosciences
Title: Regulation of apoptosis by the interaction of Casp-3 with PKC and small heat shock proteins
Amount: \$174,500
Start date: 4/1/06 End date: 3/31/08

PI: Pedram Ghafourifar
Sponsor: American Heart Associate, Ohio Valley Affiliate, Beginning Grant in Aid
Title: Heart mitochondrial NOS and hypoxia/reoxygenation
Amount: \$30,250, award transferred from Marshall University, Huntington, West Virginia
Start date: 1/16/06 End date: 6/30/06

PI: Melissa Hunter
Mentor: Clay Marsh
Sponsor: The Francis Families Foundation, Fellowship
Title: The role of Ets2 transcription factors in pulmonary fibrosis
Amount: \$138,000
Start date: 7/1/06 End date: 6/30/09

PI: Ryan Roberts
Mentor: Clay Marsh
Sponsor: US Army Medical Research Acquisition Activity, Fellowship
Title: M-CSF Blocking Strategies to Prevent Tumor Progression and Metastasis in Breast Cancers
Amount: \$90,000
Start date: 3/1/06 End date: 2/28/09

Co-I: Jay Zweier (PI: R. Bolli)
Sponsor: NIH / NHLBI (University of Louisville subcontract), 1 P01 HL078825-01
Title: Protection of ischemic myocardium
Amount: \$500,452 (total award to OSU)
Start date: 4/15/05 End date: 3/31/10

New Industry Contracts

PI: Curt Daniels
Sponsor: Lilly ICOS LLC
Title: A randomized, double blind, placebo controlled, phase 3 study of the phosphodiesterase type 5 (PDE5) inhibitor tadalafil in the treatment of patients with pulmonary arterial hypertension (H6D-MC-LVGX and H6D-MC-LVGY)
Amount: clinical trial
Start date: 2/15/06 End date: 10/31/08

PI: Garrie Haas
Sponsor: St. Jude Medical
Title: RISK stratification using a combination of cardiac troponin T and brain natriuretic peptide in patients receiving CRT-D
Amount: clinical trial
Start date: 3/13/06 End date: 3/13/08

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.

