



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

May 2006

Marsh Appointed Director of New Center for Critical and Respiratory Care

Clay Marsh, MD has been named director of the newly established **Center for Critical Care and Respiratory Medicine** at the OSU Medical Center. Dr. Marsh is currently division director of Pulmonary, Critical Care and Sleep Medicine at OSU and deputy director for lung research at DHLRI.

The mission of the newly created Center for Critical Care and Respiratory Medicine is to advance knowledge through discovery and process-based research, clinical care, and education. The goal of the center is to provide innovative solutions for patients undergoing critical care and those with lung disease. The center will focus on personalized health care, aimed at defining illness and treatment at an individual patient level and transition care from disease management to disease prevention.

College of Medicine Jumps in US News National Rankings

The College of Medicine has moved up again in the latest U.S. News & World Report rankings of the nation's top medical schools. The 2007 edition of "America's Best Graduate Schools" was released today and the College ranks 32nd overall - an advance of five positions from last year's ranking of 37th. This is our highest ranking ever in the U.S. News "Best Colleges of Medicine--Research" report.

Kudos

Govindasamy Ilangovan, PhD has been awarded his first R01 grant from NIH entitled "*Heat Shock Proteins, Nitric Oxide and Oxygen Consumption in the Heart.*" The total award of \$1,370,500 extends for 4 years, and is from NHLBI- the National Heart, Lung and Blood Institute. The objective of the award is to study the role of hyperthermia-induced heat shock proteins in the regulation of cardiac oxygen metabolism. Overall, the project aims to provide insights that will lead to improved approaches to confer myocardial protection in the setting of acute myocardial infarction. Congratulations to Dr. Ilangovan and his co-investigators and consultants (Cardounel, Kuppusamy, Zweier, Schmalbrock)!

Zhenguo Liu, MD, PhD has been awarded the Medical Center's Davis/Bremer Grant for his proposal entitled "*Hyperglycemia May Impair the Differentiation of Bone Marrow Stem Cells into Endothelial Cells: A Novel Mechanism for the Development of Cardiovascular Dysfunction in diabetes Mellitus.*" The Davis/Bremer Medical Research Endowment provides support for

physician investigators early in their academic career with the expectation that data generated will result in research publications and applications for extramural funding.

A recent article in the OSU Lantern featured the lab of DHLRI associate investigator **Narasimham Parinandi**, where undergraduates outnumber graduate students more than three-to-one. Very quickly, as anyone in his lab will say, people learn the meaning of two words: family and fat. "Dr. Parinandi runs his lab like a family and it's a really great experience," said **Bruce Kaufman**, a senior in biology and researcher in the laboratory. "I'm from California and I don't have my family close, so I treat the lab as my family," he said.

Chandan Sen, PhD has been invited to serve as an Associate Editor of the prestigious journal *Physiological Genomics* (PG) published by The American Physiological Society (APS). Founded in 1887, the APS is one of the most distinguished academic societies in the country. Dr. Sen has served on the board of several APS journals and has received the 2005 Star Reviewer award from the society for his services. PG is a leading journal in genomics.

New Members

Membership for the following individuals was recently approved. Please join us in welcoming them to the institute!

John Buford, PhD; Investigator (Allied Medical Professions)
Mark Failla, PhD; Member (Human Nutrition)
David Feldman, MD, PhD; Member (Cardiovascular Medicine)
Pedram Ghafourifar, PharmD, PhD; Investigator (Surgery)
Keith Gooch, PhD; Associate Investigator (Biomedical Engineering)
Patrice P. Hamel, PhD; Associate Investigator (Molecular and Cellular Biochemistry)
Sampath Parthasarathy, PhD, MBA; Investigator (Surgery)
Xue Zhao, MD, PhD; National/International Scholar (Cardiology)

OSUMC Town Meetings

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.

The series of meetings is currently happening, with dates scheduled through May 18. Several of the meetings will take place in the Institute's auditorium. 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 Town Meetings are posted on the homepage of OneSource.

RFA for Annual Pulmonary Post- and Pre-doctoral Research Awards

All postdocs and students working with Pulmonary, Allergy, Critical Care and Sleep Medicine Faculty are invited to submit grant applications to compete for these awards. Grant applications will be reviewed by a panel of reviewers comprising of OSU Faculty, and the best applications (1 post-doctoral and 1 pre-doctoral) will be selected for a one year Research Award. Other details can be found in the RFP found on the Pulmonary web page at <http://www.internalmedicine.osu.edu/pulmonary/5940.cfm>.

Please contact Susheela Tridandapani at Susheela.Tridandapani@osumc.edu if you have any questions or require assistance with grant applications.

LCD Projector Use in DHLRI Classroom 165

The built-in LCD projector in DHLRI classroom 165 must be scheduled prior to use by contacting Presentation Technologies (Presentation.Tech@osumc.edu or 2-8099). The previous projector owned by the institute was replaced by this unit owned by the College. **Fees for use may apply.**

Holiday Closure

University offices will be closed to observe Memorial Day on Monday, May 29



May Programs and Events

May 3: Discovery Series; “*Cardioprotection in Females: A role for nitric oxide and estrogen receptor beta.*” Elizabeth Murphy, PhD; Head, Cell Biology Group, Laboratory of Signal Transduction, National Institute of Environmental Health Sciences. Noon, 170 Davis Heart & Lung.

May 5: Research in Progress; Cynthia Carnes, Pharmacy.*

May 12: Research in Progress; Michael Grever, Internal Medicine.*

May 26: Research in Progress; Clark Anderson, Immunology.*

May 31: Discovery Series; Augustine M.K. Choi, MD; Professor of Medicine, Chief of Pulmonary, Allergy, and Critical Care Medicine Division, University of Pittsburgh. Noon, 170 Davis Heart & Lung.

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

New Awards: Federal, State, Foundations

PI: Govindasamy Ilangovan
Co-PIs: Jay Zweier, Periannan Kuppusamy, AJ Cardounel
Title: Heart Shock Proteins, Nitric Oxide and Oxygen Consumption in the Heart
Sponsor: NHLBI, Award No. 1 R01 HL078796-01
Amount: \$1,370,500
Start date: 4/15/06 End date: 3/31/10

PI: Paul Janssen
Title: Myofilament calcium sensitivity in health and disease
Sponsor: NIH KO2 HL083957
Amount: \$513,540
Start date: 04/01/06 End date: 03/31/11

New Industry Contracts

PI: Namita Sood
Title: Randomized, placebo-controlled, double-blind, multicenter, parallel group study to assess the efficacy, safety and tolerability of bosentan in patients with symptomatic pulmonary arterial hypertension secondary to sickle cell disease (ASSET)
Sponsor: Actelion
Amount: clinical trial
Start date: 3/20/06 End date: 3/20/07

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.

