Dr. Ian Davis Awarded NIH R01 Grant to Study Influenza

Dr. Ian Davis, Assistant Professor in the Department of Veterinary Biosciences, has been awarded a new National Institute of Health R01 Grant to study influenza. Worldwide, seasonal influenza epidemics may cause more than 300,000 deaths each year; pandemics have caused devastating loss of life. An understanding of mechanisms by which viruses impair healthy lung function will dramatically increase the development of therapies to prevent influenza-induced lung damage that can kill patients. Nucleotide signaling is a physiologically significant-but previously unidentified-consequence of viral infection in the lung, which is highly amenable to pharmacologic blockade. Objectives of the research are to increase understanding of the role of adenosine in the pathogenesis of influenza-associated lung injury and to determine its potential as a therapeutic target. One outcome from his work is a U.S. Patent Application entitled *Method of Treating Influenza by Disrupting an Adenosine Receptor Pathway*. Congratulations Dr. Davis!
Dr. Michael Lairmore quoted in *Scientific American*

Dr. Michael Lairmore, Associate Dean for Research and Graduate Studies, was recently quoted in the article "Cancer Therapy Goes Viral: Progress Is Made Tackling Tumors with Viruses" published in *Scientific American* on June 23rd.

From the article: *After a decade of development of so-called oncolytic viruses, the newest strains hold the most promise yet, researchers say. Researchers have been experimenting with oncolytic viruses for decades, but early attempts were quite cautious and the early viruses showed limited effectiveness, says Michael Lairmore, Associate Director of Basic Sciences at The Ohio State University Comprehensive Cancer Center. The targeted viruses "have the potential to add a new tool to our arsenal," he says, because they home in on cancer cells more aggressively. More information can be found at: [http://bit.ly/b2mqMO](http://bit.ly/b2mqMO)*

Dr. Lynne Olson Accepted into the Higher Learning Commission Peer Review Core

Dr. Lynne Olson has been selected to serve as a Peer Reviewer for The Higher Learning Commission (HLC) of the North Central Association of Colleges and Schools. Peer Reviewers serve as the appraisers, facilitators, panelists, reviewers, and team members who facilitate the HLC accrediting processes and make recommendations for accreditation and substantive change actions for the Commission’s 1000+ member institutions. Their responsibilities require regular training and professional development as well as preparation before, and report writing after, each review or visit. Dr. Olson was nominated by Associate Provost Randy Smith based on her experience with the OSU re-accreditation process.
Staff Accomplishment: Maria Anderson Completes Training at the Higher Education Resource Services (HERS) Institute

Maria Anderson, Business Manager for the Department of Veterinary Biosciences recently completed a course of training at the Higher Education Resources Services (HERS) Summer Institute. There were 72 participants selected for this year’s Summer Institute representing over 55 higher education institutions in the US. The participants included a number of vice presidents, deans, associate deans, and professors, as well as program directors and chairs. The Summer Institute had a special focus this year on understanding the environment of higher education. The faculty of the Summer Institute was more than 35 senior leaders and higher education scholars from colleges, universities, national organizations, and accrediting associations. Among the faculty this year were Nancy Archer Martin, founder of Educational Management Network; Mary Childers, author of Welfare Brat; Marvalene Hughes, President of Dillard University; and Bronte Jones, Treasurer at St. John’s College.

The Ohio State faculty and staff women who attended were selected through a competitive application process and were supported financially by the Office of the President, the Women’s Place, and their respective unit leaders.

Announcements:

Learn How To Succeed Financially: College Choice and College Savings
Tuesday, August 10 from 12-1 pm held at 1590 N. High St., suite 430, room 425.
Class description and registration available at http://hr.osu.edu/finseries

Staff Appreciation Week: August 16-20
This special week is designed by the Office of Human Resource to recognize the thousands of Ohio State staff members for their valuable contributions to the success of Ohio State, its faculty, staff, students, alumni, and other customers. Each college, department, and office is encouraged to honor and celebrate the outstanding accomplishments of its staff with special activities and events.

Wellness News: August is Cataract Awareness Month

August is Cataract Awareness Month – a month when eye care professionals hope to spread the word of the causes of cataracts, the prevention and the treatments. Cataract is the leading cause of blindness in the world. There are close to 20.5 million Americans age 40 and older with cataract. By age 80, more than half of all Americans will have cataract. A cataract happens with the lens of the eye becomes clouded, obstructing vision. Although it might not be possible to avoid cataracts altogether, it is possible to limit your risk of developing one or to hold off development. To reduce your risk:
• Don’t smoke
• Avoid exposing your eyes to direct sunlight (use good sunglasses)
• Drink alcohol moderately
• Eat a diet rich with fruit and vegetables

Speak to your eye care doctor to find out how often you should be checked. Saving your vision is worth the trip. For more information, go to http://www.oaoa.com/articles/cataract-50775-eye-tolia.html

Selected Publications & Appointments

Publications:


Appointments:

Dr. Thomas Rosol has been recruited by the Society of Toxicologic Pathologists (STP) to serve on a Web-Based Education Task Force to develop web-based platforms for continuing education for STP members and affiliates. Rosol has recently finished his service on the Education Task Force that prepared a white paper and recommendations to the STP on its role in global education.

Staff Feature: Nicole Stingle

Nicole Stingle has worked in Dr. Cheryl London’s lab as a Veterinary Technician in the Clinical Trials Office (CTO) in December 2009. She helps coordinate and facilitate all Clinical Trials in oncology as well as assisting with other trials throughout the Veterinary Medical Center. As part of the London lab, she recruits patients, does sample collection and processing, schedules appointments, and manages budgets and client accounts.

Before joining the CTO, Nicole obtained her Vet Tech degree from Columbus State. She previously attended Morehead State University. She began working in the Equine Surgical Department in 2004; after several months, Nicole transferred to the Oncology /Blood Bank department and began assisting and coordinating trials.

Nicole lives on 22 acres in Mt. Sterling with her husband, four-year old daughter, Gracie Mae, seven-month old son, Blane, her Rottweiler Kayla, two cats, and three ponies. When not in the lab or working on her farm, she enjoys spending time with her kids, baking, hunting, skiing, camping, and boating. Welcome Nicole, to the VBS family!

For comments or suggestions for our newsletter, please contact Ms. Elizabeth Hope, Program Assistant at hope.18@osu.edu Department of Veterinary Biosciences.