STORIES TODAY

1. “Building for the Future” NIH Grant to renovate lab space in Goss Laboratory

Goss Laboratory will soon get a much needed "face lift" (or at least a major renovation) thanks to a $3.9 million construction grant from the National Centers for Research Resources awarded to the College. Dr. Michael Lairmore, Associate Dean for Research and Graduate Studies and Principal Investigator for the construction grant and Dr. Michael Oglesbee, chair of the Department of Veterinary Biosciences will provide academic oversight for the project. The renovated research facilities will permit the consolidation and integration of the research laboratories and address infrastructure deficits in Goss Laboratory. The renovations are part of an overall goal to improve the infrastructure of the College and to meet future needs in infectious disease research. The facilities upgrade will enhance United States Public Health Service supported biomedical research through the renovation of ~9,000 square feet of space within Goss Laboratory. This currently unoccupied space was formerly used for laboratory animal housing, an adjacent research laboratory, gnotobiotic life laboratory, and an outdated necropsy facility.

2. Osteoporosis drug reduces bone loss, tumor size in oral cancer

3. Selected Publications, Manuscripts, Book Chapters, Invitation, Awards, and Presentations, Honors

4. Staff Feature: Alice Gaughan

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6. Wellness News: January is National Hot Tea Month
The construction will create spacious and modern research laboratories and support space, as well as a dedicated infectious necropsy laboratory. All research laboratories are designed to be operated under strict occupational protection policies and will have controlled access. An overall goal of the facility is to foster interaction among the investigators that are being brought together within its walls, while providing effective infectious disease control and security. The project has outstanding institutional support and a strong administrative structure to ensure success and to enhance research productivity of College investigators.

Funds for the project were made available by the American Recovery and Reinvestment Act that passed by Congress in February 2009. As part of the $10.4 billion allocated to the NIH under ARRA, NCRR received, among other allocations, $1 billion for construction and improvement of biomedical research facilities. The major objective of this federal program is to facilitate and enhance the conduct of Public Health Service-supported biomedical and behavioral research by supporting the costs of improving non-federal basic research, clinical research, and animal facilities to meet the biomedical or behavioral research, research training, or research support needs of an institution.

All labs affected by the project have been decommissioned and bidding on the project is anticipated to begin in a matter of weeks.

Osteoporosis drug reduces bone loss, tumor size in oral cancer

A drug currently approved for osteoporosis treatment has been shown to reduce bone loss in a study of mice with oral cancer, suggesting it could serve as an important supplemental therapy in patients with head and neck cancers that erode bone. Dr. Tom Rosol, professor in the Department of Veterinary Biosciences, was the principle investigator in the Ohio State study. The drug, zoledronic acid, is known by the brand name Zometa. Read more: http://researchnews.osu.edu/archive/oralcancer.htm

Selected Publications, Manuscripts, Book Chapters, Invitation, Awards, and Presentations:

Publications:


**Manuscripts:**


**Book Chapters:**


**Invitation:**

Dr. Yasuko Rikihisa visited Japan in October 2010 by invitation of the Japanese Society of Promotion of Sciences and gave nine lectures at various Institutes (National Institutes of Health, University of Tokyo Institute of Medical Sciences, University of Osaka, University of Hokkaido, and University of Nagasaki, etc.,) and promoted research collaboration with Japanese scientists.

**Awards:**

Dr. Thomas Rosol has received an award for completion of the 2-year Food Science Leadership Institute (Cohort #4, 21 members). The Food Systems Leadership Institute (FSLI) offers leadership development to upper-level leaders in higher education, government, and industry to prepare them to meet the leadership challenges and opportunities of the future. The Institute included three one-week residential sessions at Ohio State University, North Carolina State University, and the University of Vermont. FSLI leadership development is driven by three objectives: enhance individual leadership, develop knowledge and skills for organizational change, and broaden food systems perspectives. The award ceremony took place at the annual meeting of the Association of Public and Land-Grant Universities (APLU).

Dr. Yasuko Rikihisa was selected as a semifinalist for 2010 Inventor of the Year from Tech Columbus Innovation Awards on February 3rd, 2011. For more details see: [http://www.techcolumbusinnovationawards.org/index.html](http://www.techcolumbusinnovationawards.org/index.html)

Jonathan Picking of the Boris-Lawrie lab has been selected for an RNA Center Fellowship beginning July 2011.
Presentations:

**Drs. Ian Davis and Famke Aeffner** attended the first Cell Symposium focusing on Influenza (“Influenza: Translating basic insights”) in Washington, DC this December and presented the following posters:

“Aerosolized nucleotide synthesis inhibitors as therapeutics for influenza A virus infection in a murine model” – Dr. Davis

“Characterization of ARDS-like disease in mice with influenza A virus (H1N1) infection in accordance with human criteria” – Dr. Aeffner

Honors:

The college recently held a reception to honor the election of **Dr. Michael D. Lairmore** to the Institute of Medicine. Dr. Lairmore is the Associate Dean for Research and Graduate Studies and professor in the Department of Veterinary Biosciences. The reception was held in the grand lounge of the Veterinary Medical Academic building and was attended by faculty from all components of the Health Sciences Center, emeritus faculty, and Dr. Lairmore’s family.

(Left to right Drs. Stefan Niewiesk, Kathleen Boris-Lawrie, Clarence Cole, Michael Lairmore, Patrick Green, Thomas Rosol, Lawrence Mathes)

Staff Feature: Alice Gaughan

**Alice Gaughan** is a Senior Research Associate in Dr. Ian Davis’ lab. She grew up in Steubenville, Ohio and received her B.S. in Biology from Bethany College and her M.S. in Immunology from The Ohio State University. Before joining VBS, she spent 14 years performing research in transplantation immunology at The Ohio State University Medical Center. Currently, Alice is studying the development of lung dysfunction and injury in influenza. While not working in the lab, she enjoys spending time with her husband and her daughters Victoria and Abrielle. We are all happy to have Alice in the VBS family!
Announcements:

Make the Most of Your Plan for Health in 2011
It’s the New Year! If focusing on your health is one of your resolutions, let Your Plan for Health’s (YP4H) 2011 Faculty and Staff Incentive Program help you stay motivated on your path. Track your points for participating in health-related activities such as exercising, getting your annual physical exam(s), an annual flu shot, and monitoring your blood pressure. YP4H rewards you for your dedication to being healthy. For every one incentive point you earn, you’ll receive $1 in your pay check. You can earn up to $125 just by tracking your wellness activities. Would you like a reward? Visit www.yourplanforhealth.com for the complete list of eligible Incentive Program activities and to start tracking your points today.

Discounts for Faculty and Staff
Did you know that you receive discounts as a faculty or staff member? Visit https://hr.osu.edu/special/discounts/index.aspx periodically to check out new discounts at local services and retail outlets.

OSUCCC-James 13th Annual Scientific Meeting
February 18, 2011 Ohio Union, 8 a.m. - 4:45 p.m. Registration and abstract submission is open now for this meeting entitled “Exceptional Cancer Research from Patient to Populations.” For more information and to register, visit cancer.osu.edu/go/ASM.

Wellness News: January is National Hot Tea Month
January is National Hot Tea Month. Hot tea soothes the throat and warms the body on chilly winter days. Hot tea is good year-round for a relaxing warm beverage rich in antioxidants. The health benefits of drinking tea are great ranging from aiding in weight loss to helping to increase your immunity to colds and flu. Hot tea can be made from brewed, instant or bottled varieties. Here are ways to start celebrating Hot Tea Month. Read more: http://www.ehow.com/how_2323441_celebrate-hot-tea-month.html#ixzz1AjzZD07y

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