Summer Research Students Take Home Awards at Merial-NIH Veterinary Scholars Symposium

The 10th Annual Merial NIH National Veterinary Scholars Symposium took place August 5-8, 2010 at the University of Georgia. Dr. Lairmore, Dr. Oglesbee and Janelle Henderson accompanied 11 Ohio State students from the college’s Summer Research Program and one CVM graduate student to the symposium. The theme this year, “Beyond One Health”, focused on the convergence of veterinary, human and environmental health. The students attended seminars, networked with their peers and mentors from other universities, and presented their summer research projects in two poster sessions.

Out of the almost 300 posters presented, two of our veterinary students were recipients of Best Poster Awards. Veterinary student Bonnie Harrington won best poster in the Pathology Category “MicroRNA Expression in Biologically High Grade Canine Mast Cell Tumors”. Bonnie is working with Dr. William Kisseberth and she is also a Morris Animal Foundation Veterinary Student Scholar. Pilar Rivera won best poster in the Infectious Disease Category “Aerosolized Nucleotide Synthesis Inhibitors for Treatment of Influenza”. Pilar is working with Dr. Ian Davis and she is a Merial Veterinary Student Scholar. In addition to veterinary student scholars, there was a category for graduate veterinarians pursuing advanced research training. Dr. Kathryn Gibson, a graduate student in Dr. Rikihisa’s laboratory was a finalist in the Young Investigator Award. She presented her research, “An Analysis of Neorickettsia sennetsu Major Surface-exposed Proteins: The 51-kDa Antigen is a Porin.”

College Alumna Active in Anthrax Investigation

Dr. Sherry Burrer, DVM, MPH-VPH, was one of the leading investigators in a recent Human Anthrax Outbreak that occurred in New Hampshire in late 2009. Dr. Burrer graduated from OSU College of Veterinary Medicine 1997, and completed her Master of Public Health with a veterinary public health concentration in 2008. Working with other individuals from the New Hampshire Department of Environmental Services, the
USEPA, and the CDC, Dr. Burrer was a CDC Epidemic Intelligence Officer involved in the investigation of the outbreak. The anthrax case described in this report is the first related to animal-hide drum exposures to involve the gastrointestinal form of the disease. The investigation suggests that the patient was exposed to B. anthracis spores aerosolized at the drumming event, which did not result in inhalation anthrax but did result in gastrointestinal anthrax. Infection through the gastrointestinal route might have occurred through direct aerosol exposure; animal studies have demonstrated that most inhaled spores are cleared from the respiratory tract and passed into the gastrointestinal tract. To read more about Dr. Burrer’s work, visit:
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5928a3.htm?s_cid=mm5928a3_w

Best Mentoring Practices

While a good advisor assists students in learning about their discipline and the skills needed to conduct research or practice their profession, a mentor develops a relationship with her or his mentee on several levels. A mentor is a trusted guide. A mentor can offer support in difficult times. A mentor socializes her or his mentee, to quote the Council of Graduate Schools, “to the values, norms, practices and attitudes of a discipline and university; [mentorship] transforms a student into a colleague.” A good mentor must be a good listener (key to good communication), be a good problem-solver, and be a good observer (able to spot "problems"). In essence, a mentor is:

1. An advisor, who has career interests similar to the student and shares their knowledge with the student informally or in the classroom.
2. A supporter, who gives the necessary level of emotional and moral encouragement, as for example, prior to the final oral examination.
3. A sponsor, who provides sources of information about research, grant, internship, employment, or other opportunities.
4. A tutor, who gives specific, timely, and constructive feedback on performance.
5. A model, who is a professional with integrity, thereby serving as a good role model.

From “Graduate Student Mentoring: Be More Than an Advisor” Drs. Richard Yahner and Lynne Goodstein, Associate Deans, Graduate School, Penn State University Learn more about mentoring at:
http://www.gradsch.psu.edu/facstaff/practices/mentoring.html

Student Reminders:
Election forms due and Register by Sept. 22
CVM students need to turn in their signed Program Election forms by Friday, August 13, 2010 to their department contacts. If you are not able to turn in your forms by this date, please e-mail Janelle at Henderson.328@osu.edu

Also, don’t forget to register for autumn classes by Sept. 22 in order to avoid late registration fees. If you have ordered football tickets, you need to register much sooner
so that your fees can be paid and be able to pick up your football tickets without any problems. For all students on a GRA appointment who have not yet taken candidacy, please register for 15 credit hours each quarter (3 hours post-candidacy) in order to ensure that you have enough credits by the time you graduate.

Career Development & Grant Opportunities

ASM International Grant Opportunities are available to ASM members in the US and India. Members can have the opportunity to travel abroad and foster microbiology education with the ASM/IUSSTF Indo-US Professorships in Microbiology. Microbiologists will have the opportunity to teach short courses or participate in research projects in conjunction with their colleagues. For more information and to apply, please visit: http://www.asm.org/index.php/international/international-professorship-program.html?title=International+Professorship+Program

Career Development Resources Available through Science/AAAS
Join Science Careers and receive free access to articles and tools to help you in your career development. Various pdf booklets and resources that are available include articles on managing a lab, networking, conducting a job search, and more! For more information and to begin receiving your weekly alerts, sign up at: http://www.sciencemag.org/subscriptions/indiv_register.dtl

Postdoctoral Cancer Research Opportunities
The Pelotonia Fellowship Program is now accepting applications for post doctoral cancer research fellowships. Up to 12 postdoctoral researchers regardless of nationality will receive a competitive stipend for two year cancer research fellowships. These fellowships are for cancer related projects and can be in any field of study. The deadline for postdoctoral applications is September 1st 2010. The next round of applications for postdoctoral fellowships will be in December, 2010. For more information http://cancer.osu.edu or email Jeffrey.Mason@osumc.edu

CCTS Veterinary Medicine Pilot Project Funding Award
The Ohio State University Center for Clinical and Translational Science (CCTS) and the College of Veterinary Medicine are now accepting applications for Pilot Project Funding. The purpose of this funding is to encourage investigators to address integrated solutions to complex clinical and translational problems through the use of animal sciences. It is expected that through generation of preliminary data this funding will facilitate researchers in acquiring extramural support for new and expanded biomedical research efforts focusing on functional aspects of disease processes relevant to human health. Application Deadline: Proposals are currently being accepted; deadline for application is 5 p.m. October 1, 2010. Electronic copies of proposals and any questions should be submitted to: ccts-admin@osumc.edu. More information and complete instructions are available at http://ccts.osu.edu/.
“Making the Right Moves” A Practical Guide to Scientific Management for Graduate Students, Postdoctoral Fellows and New Faculty is provided as a courtesy of the Howard Hughes Medical Institute's web site. This is an invaluable resource for trainees, researchers, junior and senior faculty, as well. http://www.bcm.edu/medicine/research/?PMID=2829

Graduate Courses Available for fall Quarter

Biology of the Tumor Microenvironment – NGSY 825, 2 credit hours Wednesdays, 9-11 am
For more information contract:
Balveen Kaur: balveen.kaur@osumc.edu
or Mariano Viapiano mariano.viapiano@osumc.edu

Viral Pathogenesis and Oncogenesis -- VBS/MVIMG 841, 5 credit hours, VBS call number 20166 MVIMG call number 13872; Monday/Wednesday 9:30-10:48 am; Friday (presentation day) 9:30-11:18 am For more information, contact Dr. Patrick Green, green.466@osu.edu. CVM students should use the VBS call number when registering

Congratulations to our Recent Graduates!
- Dr. Tzung-Huei Lai, PhD in Veterinary Biosciences
- Dr. Sabine Riesen, PhD in Veterinary Clinical Sciences
- Dr. Yaowalak Panyasing, MS in Veterinary Biosciences
- Dr. Shan Naidu, MS in Veterinary Biosciences
- Dr. Rebeccah Urbiztondo, MS in Veterinary Biosciences
- Dr. Hillary Voris, MS in Veterinary Preventive Medicine

Congratulations to our Residents, Students and Alums on passing their Board Examinations!
- Dr. Austin Hinds, Resident in Farm Animal Medicine, ACVIM
- Dr. Agnieszka Kent, Resident in Cardiology, ACVIM
- Dr. Felipe Galvao, Resident in Small Animal Internal Medicine, ACVIM
- Dr. Rick Cober, Resident in Cardiology, ACVIM
- Dr. Lindsay Long, PhD Candidate, ACVPM
- Dr. Jennifer Walker, Recent PhD Graduate, ACVPM
- Dr. Juliette Hanson, current MPH-VPM student, ACVPM

Pelotonia Team Fights Cancer

Please join Dean Lonnie King and the College of Veterinary Medicine Pelotonia Team as we honor our CVM family of cancer survivors and those battling cancer.

Pelotonia is a grassroots bike tour with one goal: to end cancer. It is a cycling experience that will take place August 20th-22nd. The ride will span two days and will cover as many as 180 miles. The team would appreciate your help to reach their fundraising goal. Large or small, every donation makes a difference. 100% of every donation will fund essential research at The Ohio State University
Comprehensive Cancer Center - James Cancer Hospital and Solove Research Institute. When you follow the link below, you will find the link for the College of Veterinary Medicine Team for a simple and secure way to make any size donation you wish. Please consider supporting our effort and this great cause. *If you can ride a bike, please consider joining the team by becoming a rider and let Team Captain Dr. Michael Lairmore* (lairmore.1@osu.edu) *know your id number!*

Here is the link to the College Team: [http://www.pelotonia.org/ride/team_profile.jsp?MemberID=61590](http://www.pelotonia.org/ride/team_profile.jsp?MemberID=61590)

**Graduate School Upcoming Deadlines**

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<tr>
<th>Masters and PhD Degree</th>
<th>Summer 2010</th>
<th>Autumn 2010</th>
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<tbody>
<tr>
<td>Application to Graduate</td>
<td>July 2, 2010</td>
<td>October 1, 2010</td>
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<tr>
<td>Masters Examination</td>
<td>August 11, 2010</td>
<td>November 24, 2010</td>
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<td>Report Forms</td>
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<tr>
<td>Approved thesis must</td>
<td>August 18, 2010</td>
<td>December 1, 2010</td>
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<td>be submitted</td>
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<td>electronically via OhioLINK and accepted by the Graduate School before the Thesis Approval Form, related forms and fees can be turned in by the quarter deadline:</td>
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<td>Commencement*</td>
<td>August 29, 2010</td>
<td>December 12, 2010</td>
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<td>End-of-Quarter Deadline**</td>
<td>September 21, 2010</td>
<td>December 30, 2010</td>
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For comments or suggestions for our newsletter, please contact Janelle Henderson, Graduate Program Coordinator, at Henderson.328@osu.edu