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VBS Accomplishments in the Combined Pathology Residency/PhD Graduate Program

Congratulations to students in our combined pathology residency/PhD graduate program, and one former senior pathology resident, who successfully passed the very rigorous certifying examination of the American College of Veterinary Pathologists. The examination is intended to determine whether the candidate is highly competent in recognition and description of the morphologic changes associated with animal diseases and with a firm understanding of the pathogenesis of these diseases. The overall pass rate on this examination is typically 40-50%. We are all very proud of their accomplishments and wish them well as they continue in their careers.
New Diplomates:

Veterinary Anatomic Pathology: Erin Brannick, Tracey Carlson Beth Chaffee, Stacey Fossey, Chelsea Martin, and Dirk Schaudien

Veterinary Clinical Pathology: Cindy Lin

Dr. Yasuko Rikihisa Awarded Supplement Grant from the NIH

Dr. Yasuko Rikihisa, Professor in the Department of Veterinary Biosciences was awarded a $129,156 supplement from the NIH for her grant entitled “Type IV secretion & Signal Transduction in ehrlichiosis.” The objective of this project is to study roles of T4SS secretion system and 2 component regulatory system (2CRS) on Ehrlichia chaffeensis and A. phagocytophilum infection in cell culture. The supplement will support purchase of a hyperspectral imaging system for the optical analysis of live, unstained specimens quickly and easily in a high contrast, high resolution manner. She will be able observe fluorescence-emitting live bacteria interacting with host cells in real time for relatively long incubation periods.

Dr. Rosol Completes Training in 3-day workshop in Stereology

Dr. Thomas Rosol recently completed training in Stereology at a 3-day workshop at the University of Vermont. Stereology is a time honored approach to produce absolute quantitative 3-dimensional data of tissues and cells from 2-dimensional images. The course was led by Jens Nyengard from Aarhus University Hospital and the MIND Center. The research in Stereology has been led for the past 30 years by the Aarhus Group and Professor Gunderson. Dr. Rogely Boyce (a previous graduate student of Dr. Weisbrode) has been an active Stereology scientist and has studied, worked, and published with Prof. Gunderson on the Stereology of bone. Stereology requires nonbiased sampling and special mathematical approaches to quantification of volumes, areas, lengths and counts. For example, Stereology has been used to quantitate volumes of organs, numbers of neurons in regions of the brain, length of axons or nephrons, alveolar and bone connectivity, and the absolute number of C-cells in the thyroid gland. Special microscopic equipment and software is often used to facilitate the measurements.
Welcome Dr. Kazuya Matsuda to the Department of Veterinary Biosciences

The Department of Veterinary Biosciences would like to welcome Dr. Kazuya Matsuda, visiting Associate Professor from the Department of Pathology, School of Veterinary Medicine, Rakuno Gakuen University, Japan. Dr. Matsuda has joined the department in order to further his training in veterinary anatomic pathology and to gain additional research experience. He received his DVM from Obihiro University of Agriculture and Veterinary Medicine and his PhD (veterinary medicine) from Hokkaido University. Dr. Matsuda will be with us for up to two years, and is accompanied by his wife and two children.

Announcements:

October is National Work and Family Month
In celebration of National Work and Family Month in October, Ohio State and the Office of Human Resources are binging faculty and staff a variety of workshops designed to improve and integrate work and life.

For complete information about activities, registration and links to other resources, visit http://www.hr.osu.edu/worklife/events.aspx

Learn How to Succeed Financially: Advanced Estate Planning
Tuesday, October 12th 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

Seasonal Flu Vaccination-October 18th at the Veterinary Hospital
Faculty, staff and Medical Center personnel can receive a seasonal/H1N1 combination flu vaccination on Oct. 18 from 10-1pm at the Veterinary Hospital or at one of the several campus locations.

Please go to http://www.osuhealthplan.com/members/wellness/ and choose the flu link to schedule.

Selected Presentations, Publications, Appointment, Invitations and Awards

Presentations:

Chelsea Martin, DVM from the Rosol lab successfully defended her PhD dissertation, Mechanisms of and Treatment of Bone Resorption in Models of Oral Squamous Cell Carcinoma. Committee members also included Drs. London, Weghorst (College of Medicine), and Weisbrode.

Publications:


Jewell NA, Cline T, Mertz SE, Smirnov SV, Flano E, Schindler C, Grieves JL, Durbin RK, Kotenko SV, Durbin JE. (2010). Interferon lambda is the predominant interferon induced by


Appointment:

Nicole White was nominated and elected to the ISAAC (International Society for Advancement of Analytical Cytometry) Membership Services Committee to help with global strategic planning and development for membership increase and retention.

Invitations:

Nicole White gave a talk at the Great Lakes International Imaging Cytometry Association on September 24th at the Core Managers Meeting entitled “How to write a business plan that works for you and your customers.”

Dr. Li Wu was invited for a seminar at The Aaron Diamond AIDS Research Center, Rockefeller University, New York, NY, September 27, 2010.

Awards:

Surender Kumar, doctoral student in the lab of Jesse Kwiek (Mary Jo Burkhard co-major professor) Recipient of the 2010/2011 PHPID Graduate Fellowship award.

Drs. Jennifer McCleese, Emily Pieczarka and Kelly Santangelo received an ACVP travel award in the amount of $500 to attend the ACVP/ASVCP Meeting in Baltimore at the end of October.

Drs. Famke Aeffner (PI Dr. Davis) and Beth Chaffee (PI Dr. Allen) were nominated as finalists (amongst only 5 total) for the new award that is being introduced this year: the Charles Capen Memorial Scholarship for an excellent presentation in Experimental Pathology. This award is sponsored by the International Association of Toxicologic Pathologists and provides $750 towards travel to the next annual ACVP meeting. The nomination was based upon submitted abstracts for this year’s ACVP meeting and decision will be made based upon oral presentation at the meeting end of October in Baltimore, MA.”

Staff Feature: Marcus Possage

Marcus Possage is our new Necropsy Lab Demonstrator in Applied Pathology. He is originally from Homeworth, Ohio, located in rural Northeast Ohio about 30 miles east of Canton. He graduated with a BS in Agriculture from The Ohio State University while majoring in Animal Science. He enjoys keeping up with Major League Baseball and college football, as well as visiting his home, helping out with chores and taking care of his sister’s Icelandic Sheep. He personally has one dog named Maggie and one cat named Yoda. His future goals include being accepted into veterinary school and eventually taking a position in a food animal ambulatory practice. We are all happy to have Marcus in the VBS family!
Wellness News: October is National Dental Hygiene Month

October is National Dental Hygiene Month, a time for everyone to reconsider their oral health habits, and to consider enhancing their smiles through cosmetic dentistry by visiting their dentist. Today's dental hygienists no longer solely clean patients' teeth. A contemporary hygienist is responsible for detecting oral cancer, examining cracked crowns, and promoting the benefits of cosmetic dentistry to the patient before the dentist ever looks in the mouth. Visiting a dental hygienist and dentist team, every six months or as scheduled, is vital in maintaining healthy teeth and gums. For more information, go to http://www.adha.org/

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