Marysville Large Animal Clinic

Photos of Marysville Clinic under construction.Projected completion is March, 2005.

Located on three campuses:

- College of Veterinary Medicine, Columbus, Ohio.
- OARDC, Wooster, Ohio.
- OSU Large Animal Services, Marysville, Ohio.
Marysville large animal clinic provides top-notch services and hands-on learning experiences

By LESLIE GABEL, onCAMPUS Student Intern

Construction of the Ohio State Large Animal Services Clinic in Marysville is on track, and the new facility could open as soon as late winter. The 10,000 square-foot building will include a surgery suite, pharmacy, waiting area and conference room, plus a classroom and housing for veterinary students.

The new facility, located just north of Marysville on seven acres of land off Home County Road, is important to the large animal clinic’s 840 clients in 13 Ohio counties. Since its purchase from John Andreas in the late 1960s, the clinic has outgrown its original facility off Milford Road, and expansion has become impossible due to urban sprawl.

The current clinic provides large animal clients with complete medical and surgical services, and herd-oriented production medicine services. In addition, the practice offers year-round, 24-hour emergency services and client care. The OSU Milk Quality Laboratory also is located there.

“Our purpose for existence is to provide a superior education experience for our students. To do this, we must provide the highest quality veterinary services to our clientele,” said Kent Hoblet, chair of the Department of Veterinary Preventive Medicine. “With the new clinic, we will provide state-of-the-art large animal veterinary services to the best of our abilities.”

Plans for the new facility have been in the works for at least the past five years, Hoblet said.

Ohio State is one of six Big Ten universities with a college of veterinary medicine, and the only college among those with such an extensive ambulatory clinic, Hoblet said. “The Tufts College of Veterinary Medicine in Massachusetts has a remote ambulatory clinic in Connecticut, and the University of California at Davis has a similar one in Tulare,” he said. “Ours, however, is unique in that all of our students must complete a required rotation there.”

The Ohio State Large Animal Services Clinic is also unique in the way the practice runs like a real-world business, Hoblet added. “About 75-80 percent of the entire costs required to fund the operation, including faculty salaries, are acquired from proceeds from the practice,” he said.

“Only 15.6 percent of the clinic’s funding is provided from the College of Veterinary Medicine,” said Melissa Lamb-Peale, director of public relations and communications.

Funding for the construction of the new facility came from a combination of sources, including the sale of buildings and land at the clinic’s former...
location, with the balance coming from college funds in support of teaching programs. Naming opportunities are available for the clinic building, and these funds will be used for an endowment for building maintenance, she said.

Four faculty and three administrative staff currently are assigned to the clinic. The new facility’s capability to permit more “haul-in” work, particularly equine clientele, may require another staff position in the future, Hoblet said.

The new facility also will provide housing space for up to 12 veterinary students who assist the faculty with medical services as part of a required fourth-year rotation, allowing them to gain hands-on experience in large-animal medicine. “This experience gives OSU graduates a distinct advantage and makes them a more valuable resource in their respective communities, regardless of whether or not they practice large-animal medicine,” Hoblet said.

Hoblet said there are a number of committees from Big Ten veterinary medicine programs looking at sharing clinical experiences, which means students from other colleges may be seeking practice in Marysville.

This could someday increase the learning experiences available to students, and could decrease costs, since colleges would not have to duplicate efforts, Hoblet said. “For example, the University of Illinois could send students to Marysville and we could send students there for the zoo and conservation medicine rotation they have with Chicago-area zoological parks and aquariums,” he said.

Reprinted with permission from onCampus, January 6, 2005, the faculty-staff newspaper. Article was written by Leslie Gabel, student intern. Leslie is a senior in Agriculture Communications and plans to graduate in June.
Student Affairs Office
dedicated to The Columbus Serum Company &
William L. Ingalls

The Columbus Serum Company William L. Ingalls
Student Affairs office was officially named and dedicated
with a reception on November 8th. Dr. Ingalls received
his Doctor of Veterinary Medicine from The Ohio State
University in 1942 followed by his Master of Science
degree in Veterinary Pathology in 1947. He served for
23 years as Vice-President of The Columbus Serum
Company from 1951 to 1974. Following his retirement
from The Columbus Serum Company, Dr. Ingalls became a Swine
Extension Veterinarian and professor in the Department of Veterinary
Preventive Medicine (1976-1988). He currently maintains an office
within the department and gives assistance to the Department and the
Veterinary Extension Unit.
Welcome Dr. Armando Hoet to Lead Departmental MPH Program

We are pleased to announce that Armando Hoet, DVM, PhD has accepted the position of Assistant Clinical Professor in the Department of Veterinary Preventive Medicine. He will be coordinating the Veterinary Public Health (MPH) specialization within the Master of Public Health degree program.

Dr. Hoet received his DVM degree in 1991 from the “La Universidad del Zulia” (Zulia University, Maracaibo, Venezuela). Following graduation he spent a year as an intern at the Large Animal Section of the University Veterinary Hospital at Zulia University. He then became Professor of Infectious Diseases at Zulia University College of Veterinary Medicine (1993 to 2004).

Dr. Hoet received his PhD from The Ohio State University Department of Veterinary Preventive Medicine in 2002 with Dr. Linda Saif serving as his advisor. His dissertation was focused on designing and developing diagnostic techniques to study the epidemiology of Bovine Torovirus. He is married to Rocio, who is also a Veterinarian specializing in small animal practice. They have two children, Ariana (15) and Alexander (5).

The MPH with a Veterinary Public Health Specialization will officially begin in fall 2005, with the first admissions in late spring 2005. This specialty area within the current MPH program will be administered by faculty in the Department of Veterinary Preventive Medicine in conjunction with the School of Public Health. The program is intended to provide an additional opportunity for students to expand their health sciences knowledge in a field closely aligned with veterinary medicine. While the program is open to all qualified students, it is especially appropriate for students wishing to increase their public health knowledge prior to entering the professional veterinary curriculum. The main focus of this program will be on infectious disease epidemiology, prevention and control of zoonotic diseases, biosecurity, environmental sanitation, and other topics that relate to the veterinary sciences and the well-being and health of the human population.
Elisabeth Angrick to Retire

Elisabeth Angrick will officially retire from The Ohio State University on February 28, 2005. Elisabeth has worked in the Department of Veterinary Preventive Medicine as a Microbiology Supervisor for 27 years. She has been associated with The Ohio State University for 38 years. Elisabeth received both her Bachelor of Science in Microbiology ’60 and her Master of Science ’72 in Medical Microbiology from OSU. Prior to joining VPM she worked for the Department of Medicine. Throughout the years Elisabeth has assisted numerous graduate students from around the world and helped to produce quality research. Her plans for the future include traveling, gardening, visiting friends, and some relaxation. Elisabeth’s e-mail address is <angrick.1@osu.edu>.

Päivi Rajala-Schultz

We have received notification from the Provost’s office that Päivi Rajala-Schultz is being recommended for promotion to Associate Professor with tenure. Dr. Rajala-Schultz joined the Department as an analytic epidemiologist in October, 1999 after completing a postdoctoral fellowship at Cornell University. Dr. Rajala-Schultz received a DVM from the College of Veterinary Medicine in Helsinki, Finland. In 1998, she completed a PhD in epidemiology at Cornell. While still in Finland, she was in private production animal practice and also worked as a research assistant in the College of Veterinary Medicine. Her research area at OSU has primarily been in dairy production medicine and has included several studies involving mastitis, reproduction, and the interpretation and analysis of milk urea nitrogen (MUN) from DHI records. Dr. Rajala-Schultz is team leader of our core course for 3rd year students and is heavily involved in the Department’s graduate studies program. Congratulations, Dr. Rajala-Schultz.
VPM is in the process of employing newly accessible forms of media to teach the core and elective classes that are part of the departmental mission. By 'newly accessible,' we mean that both the faculty and students are more computer savvy, and that the technology has advanced as the costs declined. The OSU Office of Technology Enhanced Learning Resources (TELR) provides training and funding for projects in this field, and VPM is leading the way for the College of Veterinary Medicine. Two good examples overlap during the senior departmental rotation, VM 700.08, which we view as the capstone experience for population health and disease prevention as applied through veterinary medicine. The course will have a dedicated internet site locked behind a password protected wall that allows only the course faculty and registered students to access this site. Once in the on-line portion of the course, students will have access in advance to the scheduled events for each day of the rotation, any required preparations for those activities, as well as self-tests for the students to challenge their knowledge. The final exam will eventually be placed on-line as well. A major advantage of this course site is the easy access students can have from anywhere at any time.

One requirement of each student in the 700.08 rotation is the completion of a project, whether that is an oral presentation with slides, or a short, educational video geared to one of three audiences: something the students wished they had known or understood better when they began vet school, something they feel they need to learn well enough before they graduate, or a client education video on some aspect of public health or zoonotic diseases. As examples, student groups have created videos on dairy calf husbandry, kitchen hygiene, toxic houseplants, toxoplasmosis and pregnancy, deworming protocols for dogs and cats, and livestock breeds, among the 50 videos completed by student groups. These videos are stored on a streaming video server on main campus with links to each video within the course website. When the link is clicked, the video will play with one of the available media players, such as RealMedia or Quicktime. These media players are available free, on-line, and can be downloaded onto your computer. If you care to see an example of the student videos and you don't have the free player that will show these videos, visit one of these websites and install the media player of your choice. RealMedia works best with PCs, whereas Quicktime is geared more towards Apple.

http://www.real.com
http://www.apple.com/quicktime/
To view one of the student-made videos, try these links to the OSU streaming video server:

<a href="rtsp://streaming1.osu.edu/media/vmcoll700.08au04/dontlitter.mp4">Don’t Litter: Spay and Neuter Your Pets</a>

<a href="rtsp://streaming1.osu.edu/media/vmcoll700.08au04/DairyCalfHusbandry.mp4">Dairy Calf Husbandry</a>

-- Cliff Monahan, DVM, PhD

Veterinary Preventive Medicine (VM 611)

The Department’s course VM 611 focuses on the importance of the veterinary profession in safeguarding animal and public health and is being led this year by Drs. Päivi Rajala-Schultz and Bill Shulaw. As a result of a grant from the USDA providing funding for the effort, the second half of the course will use an educational module called “Exotic and Emerging Diseases of Animals (EEDA)”. This module was developed by Iowa State University and is available through the on-line services of the Veterinary Information Network (VIN). (www.vin.com) This module consists of five overviews, seventeen case studies, and a series of “Infectious Inquiries” designed to give students and veterinarians a background in the epidemiology, diagnosis, regulatory response and management of foreign animal diseases and diseases of emerging concern. In addition, the EEDA module provides numerous fact sheets and monologues on various infectious diseases as well as links to various other relevant sites on the internet.

Students will access the module online and will have access to all of the VIN resources. Following the completion of each overview, case study, or infectious inquiry, they will take an on-line examination. Students can access the site at any time and can work at their own pace. VM 611 is required of 3rd year students who will be entering their clinical year at the end of winter quarter. The numerous case studies and infectious inquiries should help them prepare them to enter this clinical phase of their curriculum.

-- William Shulaw, DVM, MS
New Undergraduate Course
VPM 101 – Introduction to Veterinary Medicine

VPM 101 is a new course designed to present an overview of the veterinary profession including historical information, veterinary roles in serving society, career choices, licensing, organized veterinary medicine, college admissions, veterinary alumni support, current issues and trends of veterinary medicine. Students will learn about admissions to the College and life as a veterinary student, as well as the various career choices available to veterinarians. Some of the other topics to be covered include disaster/bioterrorism, homeland security, food safety, epidemiology, communicable diseases, biomedical research, and public health. The 3 credit hour course was developed by Dr. Charles Neer and Dr. Martey Masterson. It will be offered for the first time during Spring Quarter, 2005.

Endowed Scholarships

The following article is from a presentation by Dr. Fred Gingrich from the Ohio Dairy Veterinarians Meeting on January 8, 2005. Drs. John Knox (DVM, OSU 90) and Fred Gingrich (DVM, OSU 95) hold adjunct faculty appointments in the Department and regularly teach students from the clinical preventive medicine rotation (VM 700.08) in their practice.

Why establish an endowed scholarship?

This is a great opportunity for dairy practitioners to support the future of our profession. We are always looking for ways to attract students to consider a career in dairy medicine. By establishing scholarships for dairy students, we can reward these students as well as decrease the debt load they have after graduation. Endowed scholarships continue to be rewarded in perpetuity. Once the investment has been made, the interest income from the investment is used to fund the scholarship. We received scholarship money while we went to school and now feel it is our turn to give back.

What are the benefits to a practice?

Your name will be recognized at the university. It is a great way to establish contacts with prospective associates. Season football tickets can be purchased for members of the Presidents Club ($2,500 annual gift). Scholarships are a tax deductible contribution.

How do I establish an endowed scholarship?

Contact The Ohio State University College of Veterinary Medicine. Dr. Kent Hoblet can direct you to the appropriate people. Karen Longbrake at the Office of Development can assist you with the details of establishing an endowed scholarship.
How can I afford this?

Endowed scholarships require a $25,000 contribution. Payments can be made over an agreed upon time period. We pay $5,000 per year towards our endowment and contribute an additional $1,000 to fund a student immediately. We have decided to shift our advertising and contributions more towards the endowment.

We have found our endowment to be very rewarding and strongly encourage other dairy practitioners to investigate how they can help veterinary students with a dairy interest decrease the financial burden of their education.

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**GRADUATES**

**News from the Graduate Program**

The graduate program had one student graduate autumn quarter. Dr. Patricia Dennis finished her PhD and Dr. Saville served as her advisor. Her dissertation was entitled “Epidemiology of Black Rhinoceroses in Captivity in the United States”. Upon graduation she assumed a faculty position in the department. Two new students started their programs beginning winter quarter. Dr. Jennifer Anielski, DVM OSU 2000, will do her work under the advisement of Dr. Saville. Leah Levanduski will begin a program in laboratory animal medicine under the advisement of Dr. Bergdall. As a final note, Dr. Gordon will step down as graduate studies chair in preparation for his retirement on June 30, 2005.

**J. C. Gordon, Graduate Studies Chair**
2005 AARP The Magazine Impact Awards

Dr. Linda Saif, Professor of Veterinary Preventive Medicine, received one of the 2005 Impact Awards presented by AARP The Magazine at the New York Public Library. The magazine is the official publication of the American Association of Retired People. Others receiving the award included Richard Gere, Tom Brokaw, Jane Seymour, Princess Yasmin Aga Khan, Anotonia Hernández, Alice Coles, George Wein, and Gloria White-Hammond. Dr. Saif was the only scientist selected from this non-scientific organization. She received the award because of her contribution to the world in combating severe acute respiratory syndrome (SARS). Dr. Saif is a worldwide expert on animal coronaviruses and has been studying them for three decades. The SARS disease was triggered by a coronavirus. Her laboratory located on the OARDC Campus in Wooster recently became a member of the WHO International SARS Reference and Verification Laboratory Network. It is one of only two reference labs for animal coronaviruses in the world and one of three U.S. labs in the network. Recently, her laboratory received a $2 million grant from the NIH to study swine coronaviruses as a model to learn about SARS.
Dr. Teresa Morishita, Professor of Veterinary Preventive Medicine, has been selected by the American Association of Extension Veterinarians as their Veterinarian of the Year 2004-2005. The award is given to an outstanding Extension Veterinarian based on career accomplishments in outreach education. Dr. Morishita has held a 0.65 FTE appointment as Poultry Extension Veterinarian since joining the Department in 1994. Included among her numerous accomplishments in Extension is originating and directing the multi-state Poultry Health Management School with Purdue University, Michigan State University, the University of Wisconsin, and Penn State University.

Dr. Teresa Morishita was also recently honored as the recipient of the 2004 James D. Utzinger Extension Teaching Award at the Ohio Extension Professional Associations’ Recognition Meeting on held December 9-10. This award is given to honor a university level Ohio State University Extension professional for outstanding teaching. The recipient must have had at least a 35% Extension appointment for at least five of the last seven years. Dr. Morishita will receive $500 and a plaque. Her name will also be added to a permanent plaque to be displayed in a prominent central location.
CRWAD Awards

The annual meeting of the Conference of Research Workers in Animal Disease was held on November 13-15 in Chicago, Illinois. The following graduate students received recognition:

**Audrey Torres, DVM, MS** (PhD student, Advisor: Dr. Päivi Rajala-Schultz) – won the Association of Veterinary Epidemiology and Preventive Medicine competition for her poster presentation entitled "Utility of DHI records and clinical mastitis history in identifying subclinical mastitis at dry-off". Dr. Torres will be studying in the Department through Spring of 2006. She is on leave from Universidad Centroccidental “Lisandro Alvarado” - UCLA in Barquisimeto, Venezuela where she is an Assistant Professor in Dairy Science in the College of Veterinary Medicine.

**Einav Elitsur, BS** (MS candidate, Advisor: Dr. Bill Saville) – received second place in the American Association of Parasitologists competition for her oral presentation entitled "Pathophysiology of *Sarcocystis neurona* in the horse". Ms. Elitsur is currently a first-year veterinary student at OSU.
Dr. Richard Slemons, Associate Professor, has been selected as co-project director of USDA’s National Research Initiative Animal Biosecurity Coordinated Agricultural Project (CAP) for research in “Prevention and Control of Avian Influenza in the US.” Dr. Daniel Perez from the Maryland Campus of the Virginia-Maryland Regional College of Veterinary Medicine will serve as the project director. This is a $5M project administered by the University of Maryland and involves investigators from 17 universities and federal agencies. In addition to serving as co-director of the entire project, Dr. Slemons and Mr. Nathan Watermeier, Program Director and Geospatial Extension Specialist, OSU Extension, Agriculture and Natural Resources will receive a grant of $488,000 to be used towards determining the dynamics and evolution of influenza A viruses in waterfowl in the US and understanding what contributions waterfowl and their influenza A viruses make in the emergence and perpetuation of avian influenza in backyard and commercial poultry. The official USDA-CSREES announcement of the award will occur on January 24, 2005 at a ceremony in College Park, Maryland.
### New Research Funding

**(Since October, 2004)**

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<th>P.I.</th>
<th>PROJECT</th>
<th>FUNDING AGENCY</th>
<th>AMOUNT</th>
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<tr>
<td>Dr. William Saville</td>
<td>Prevention of clinical signs of equine protozoal myeloencephalitis [EPM] using low dose nitazoxanide orally</td>
<td>IDEXX Laboratories</td>
<td>$35,768</td>
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<tr>
<td>Drs. William Saville &amp;</td>
<td>Efficacy studies of <em>Sarcosystis neurona</em> vaccine</td>
<td>Fort Dodge Labs</td>
<td>$140,284</td>
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<td>Stephen Reed</td>
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<tr>
<td>Dr. Päivi Rajala-Schultz</td>
<td>Detailed characterization of naturally occurring <em>S. aureus</em> intramammary infections</td>
<td>USDA Formula Funds</td>
<td>$25,893</td>
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### CONTACT INFORMATION

We have received feedback and comments from departmental alumni from all over the world. We greatly appreciate this, and would like to hear from more. Please let us know that you are receiving this newsletter and give us an update on yourself.

The Veterinary Preventive Medicine Newsletter is published electronically on a quarterly basis. It is primarily distributed to College faculty, VPM graduate students, departmental alumni, former and retired faculty, and others who have been or are currently associated with the Department.

Please submit e-mail addresses, articles, and comments/suggestions to Jeff Workman, Extension Program Assistant, at workman.45@osu.edu or 614-292-9453.

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