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California Cattlemen Honor CVM Alumnus

Retired CVM Leader Dr. Kenneth Niemeyer Passes On

Biological Joints Could Replace Artificial Joints Soon

Artificial joint replacements can drastically change a patient's quality of life. Painful, arthritic knees, shoulders and hips can be replaced with state-of-the-art metal or ceramic implants, eliminating pain and giving a person a new lease on life. But, what if, instead of metal and plastic, doctors were able to take a patient's cells and grow an entirely new joint, replacing the old one with a fully functional biological joint? A team of University of Missouri and Columbia University researchers have found a way to create these biological joints in animals, and they believe biological joint replacements for humans aren't far away.

In a study published this fall in *The Lancet*, James Cook, a researcher in the MU College of Veterinary Medicine and Dept of Orthopaedic Surgery participated on a research team that created new cartilage in animals using a biological "scaffold" in the animals' joints. Cook assisted with the implant design and performed the surgeries to implant the biologic joint replacements. The study was led by Jeremy Mao of Columbia University.

The scaffold was implanted in rabbits with a surgical technique currently used for shoulder replacement in humans. The surgery removes the entire humeral head, or the ball part of the ball-and-socket shoulder joints. The scaffolds are infused with a growth factor, which encourages the host's own cells, including stem cells, to become cartilage and bone cells. The advantage to this technique is that it avoids the need to harvest and implant cells, which requires multiple surgeries.

"The device was designed with both biological and mechanical factors in mind," Cook said. "It is unique in design and composition and in how it stimulates the body's own cells. This is the first time we have seen cartilage regeneration using this type of scaffold. "

The study found that the rabbits given the infused scaffolds resumed weight-bearing and functional use of their limbs faster and more consistently than those without. Four months later, cartilage had formed in the scaffolds creating a new, functional cartilage surface for the humeral head. The team observed no complications or adverse events after surgery; the new tissue regeneration was associated with excellent limb use and shoulder health, indicating the procedure is both safe and effective.

Cook, who also was involved in the study design and data analysis, said the next step toward FDA approval and clinical use is to study the technique in larger animals.

"If we continue to prove the safety and efficacy of this biologic joint replacement strategy, then we can get FDA approval for use of this technology for joint replacements in people," Cook said. "We are still in the early phases of this process, but this study gives a big boost to its feasibility."

"We are continuing our concerted efforts in this arena," Cook said. "Our goal at Mizzou's Comparative Orthopaedic Laboratory is to do away with metal and plastic joints, and instead, regenerate a fully functional biologic joint for everyone who needs one. We think this is the future of orthopaedics and we hope that future is starting here and now."

CVM Professor Honored During Conference

Dr. William Fales, MS, PhD, professor of veterinary pathobiology at the MU College of Veterinary Medicine, received this year's Distinguished Service Award from the Missouri Veterinary Medical Association. Fales is responsible for the bacteriology/mycology section of the CVM's Veterinary Medical Diagnostic Laboratory (VMDL), he also teaches diagnostic bacteriology and mycology to veterinary students during their pathology rotation in the VMDL. He received the award to recognize his "commendable and honorable service and dedication to veterinary medicine in Missouri."

Fales accepted his honor Jan. 22, 2010, during the MVMA's 119th annual convention held at Osage Beach. The convention offered a trade show as well as continuing education opportunities to Missouri veterinary practitioners and veterinary technicians. The association honored Fales and several other individuals during the awards banquet.

The banquet was highlighted by a keynote speech from Dr. Temple Grandin, animal scientist and autism advocate. Grandin, who is a professor of animal science at Colorado State University and a designer of humane livestock handling facilities, discussed her research into animal welfare issues as well as her personal life story as someone with autism.

Other convention activities included speed networking, sponsored by the Veterinary Business Management Association. The speed networking event allowed MU College of Veterinary Medicine students to meet with practitioners about their practices and possible job opportunities. While veterinary students were networking, a concurrent session brought together teams of veterinary technician students to compete in an academia bowl.

The final day of the convention began with continental breakfast sponsored by the College of Veterinary Medicine for its alumni. CVM Dean Dr. Neil Olson, as well as other key members of the College leadership, presented updates on the College and its programs, such as increased student enrollment, the need for a new academic hall, additions to the faculty, and the planned opening of Mizzou Animal Cancer Care in Wentzville this spring.



Dr. Alex Bermudez, director of the Veterinary Medical Diagnostic Laboratory, presents a Wii game system to Dr. Eric Tichy, MU CVM '90, during the Missouri Veterinary Medical Association conference trade show.



The College of Veterinary Medicine hosted a breakfast for alumni during the annual MVMA convention.



Dr. Neil Olson, dean of the MU College of Veterinary Medicine, addresses alumni about current issues facing the College during the MVMA convention.



Dr. William Fales, a professor of veterinary pathobiology, received this year's Distinguished Service Award from the MVMA.



Animal scientist Dr. Temple Grandin served as the keynote speaker during the MVMA Awards Banquet.



Dr. Shannon Reed, assistant teaching professor at the MU College of Veterinary Medicine, presented information on diagnostic analgesia and equine imaging during the MVMA convention.



The speed networking session allowed veterinary students to meet with practitioners to discuss future job possibilities and gain insight into advancing their careers.



MU CVM development officers Nick Diefenbach and Kelley Marchbanks display merchandise available for sale at the College's booth during the MVMA trade show.

MU CVM Offers Continuing Education Seminar in Veterinary Dentistry

The 2011 MU Pfizer Dental CE Weekend will be held April 2-3, 2011, at the University of Missouri College of Veterinary Medicine. MU alumni and veterinary dentists Drs. Steve Holmstrom and Curt Coffman will lead a weekend of dental education. Up to nine more veterinarians, technicians and industry representatives with experience in teaching practical dentistry skills will share their expertise.

For the first time a dedicated program for veterinary technicians will also be offered. Lecture sessions are available on an open basis. Attendance at the lectures is required for entry into the wet labs. The lab portions will be hands-on and practical. Attendance at the April 3 wet lab will be limited to 34 veterinarians. In the bonus afternoon lab session on April 3, attendees' requests to learn specific procedures will be accommodated as much as possible.

Lectures will be held at the Adams Conference Center and Auditorium within the College's Veterinary Medicine Building. The wet labs will take place in anatomy lab.

[To register, please click here.](#)

Former Sinclair Farm Director Passes Away

Charles "Bud" Middleton, DVM '58, passed away on Dec. 11, 2010, in Tarpon Springs, Fla., at the age of 80. Dr. Middleton was born April 12, 1930, in Pilot Point, Texas. With his family he moved to Ashland, Mo., in 1937.

After serving his country in the U.S. Navy from 1948-1952, Dr. Middleton was graduated from the University of Missouri School (later College) of Veterinary Medicine in 1958. After completing an internship at the University of Pennsylvania, he went on to Michigan State University where he earned a master's degree in veterinary surgery. He then became an instructor at Bowman-Gray School of Medicine where he became engaged in research on atherosclerosis using a squirrel monkey model. He earned board certification in laboratory animal medicine in 1966 and that same year accepted a position as director of the University of Missouri's newly formed Sinclair Research Farm, a facility he built from the ground up. He was a professor of pathology for both MU's College of Veterinary Medicine and the School of Medicine. He pioneered the use of swine as animal models for several human diseases.

After his career at MU, he became chief veterinary medical office for the Veterans Administration. In 1985 he was named director of the Division of Laboratory Animal Resources at the State University of New York, Stony Brook. He retired in 1997 and relocated to Tarpon Springs with his wife.

He is survived by his wife, Rose Fernandes-Middleton of the home, daughter, Terra Middleton of Saybrook, Conn., stepson, Michgael Scheer of Encino, Calif., grandsons: Brandon Middleton of Las Vegas and Devin Lehart of Fort Myers, Fla., and sisters: Nancy Thompson of Turlock, Calif., Priscilla Counce of Kansas City, and Sarah Sides of Florissant, Mo.

Dr. Middleton was a devoted alumnus of the University of Missouri and served on the MU Faculty Council and numerous other committees. As a longtime friend of the Sinclair family, he was instrumental in having the MU School of Nursing renamed the Charles and Josie Smith Sinclair School of Nursing. He was also the driving force behind the initiative to have members of the CVM Class of '58 pool their resources to present the College of Veterinary Medicine with two plaques honoring founding Dean Dr. A.H. Groth and Dr. Stanley N. Smith. The plaques are on display at the college.



MU Researchers Believe Discovery Could Lead to Testing that Displaces Colonoscopies

Predicting colon cancer in mice could eventually benefit humans

Feb. 16, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/0216-mu-researchers-believe-discovery-could-lead-to-testing-that-displaces-colonosopies/>

America's Veterinarian to Give CVM Commencement Address

"America's Veterinarian," Dr. Marty Becker, will address the College of Veterinary Medicine Class of 2011 on Friday, May 13, during commencement ceremonies. The program will begin at 1:30 p.m. in Jesse Hall on the MU campus. A reception will follow at the Reynolds Alumni Center.

A pioneer in the movement to recognize the positive link between pets and people, Becker began talking about the strength and healing power of the human-animal bond before he even left the Washington State University College of Veterinary Medicine in 1980. Becker is the veterinary contributor to ABC-TV's Good Morning America, the resident veterinarian on The Dr. Oz Show and the pet expert for the American Association of Retired Persons. Along with his writing partner, Gina Spadafori, he is a regular contributor to Parade magazine and the syndicated pet-care expert for Universal Uclick.

He is co-author of the fastest-selling pet book in history, "Chicken Soup for the Pet Lover's Soul," and authored or co-authored other top-selling books, including "The Healing Power of Pets: Harnessing the Amazing Ability of Pets To Make and Keep People Happy and Healthy," and "Fitness Unleashed: A Dog and Owner's Guide to Losing Weight and Gaining Health Together!" With Spadafori, he is co-author of the New York Times best-seller, "Why Do Dogs Drink Out of the Toilet?" as well as their newest release, "Your Dog: The Owner's Manual: Hundreds of Secrets, Surprises, and Solutions for Raising a Happy Healthy Dog."

Becker is an adjunct professor at the University of Missouri College of Veterinary Medicine, as well as at his alma mater, Washington State University, and the College of Veterinary Medicine at Colorado State University. Additionally, he has lectured at every veterinary school in the United States. The Delta Society and the American Veterinary Medical Association named him Companion Animal Veterinarian of the Year. He practices at Lakewood Animal Hospital in Coeur D'Alene, Idaho, and North Idaho Animal Hospital in Sandpoint.

Becker and his wife reside at the Almost Heaven Ranch in northern Idaho.



Compound Used to Block Cholesterol Could Also Kill Breast Cancer, MU Researcher Finds

Feb. 22, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/0222-compound-used-to-block-cholesterol-could-also-kill-breast-cancer-mu-researcher-finds/>

Chemical Compounds in Trees Can Fight Deadly Staph Infections in Humans, MU Researchers Find

Feb. 21, 2011

Story Contact(s):

Christian Basi, BasiC@missouri.edu, 573-882-4430

By Brad Fischer

<http://munews.missouri.edu/news-releases/2011/0221-chemical-compounds-in-trees-can-fight-deadly-staph-infections-in-humans-mu-researchers-find/>

Service Dogs Helping Veterans

<http://www.kctv5.com/story/14800890/kctv5-investigation-service-dogs-helping-veterans-2-28-2011>

Former Professor and Director of the Veterinary Diagnostic Laboratory Passes Away

Dr. Lawrence G. Morehouse, professor emeritus of veterinary pathology and retired director of the veterinary diagnostic laboratory at the University of Missouri, died of congestive heart failure on Wednesday, March 2, 2011, at Boone Hospital Center. He was 85.

A reception and visitation will be in the Fellowship Hall of Trinity Presbyterian from noon until 2 on Friday, March 11, 2011, followed immediately by the funeral service in the sanctuary. In lieu of flowers, contributions can be made to the Missouri Symphony Society, 203 S. 9th Street, Columbia, MO. 65201.

Dr. Morehouse was born on a farm near Manchester, Kansas, on July 21, 1925. He graduated from a one room schoolhouse and Abilene High School. He served in the Pacific as a pharmacist's mate during World War II before returning to Kansas State University where he earned his BS and DVM in 1952. After a year of practice in the St. Louis area, he went to Purdue University. While he was working on his MS and PhD, he also served as the director of the USDA's brucellosis laboratory. He married Georgia Lewis in Lafayette, Ind., on October 6, 1956.



From 1960 until 1963, he worked for the USDA out of Washington, DC and later, at the newly established National Animal Disease Laboratory in Ames, Iowa. In 1964, he accepted a position as professor and chairman of the department of veterinary pathology at the University of Missouri. In 1968, he became the organizing director of the Veterinary Medical Diagnostic Laboratory and served in that capacity until he was named professor emeritus in 1987. During his career, Dr. Morehouse authored or co-authored more than 100 scientific publications dealing with diseases of livestock, laboratory and companion animals. He was co-editor of a three volume encyclopedic work on fungal toxins. He was a member of a large number of professional organizations including the American and Missouri Veterinary Medical Associations, The American Association of Veterinary Laboratory Diagnosticians where he served as president and was recipient of its prestigious E.P. Pope award, The World Association of Veterinary Laboratory Diagnosticians (secretary/ treasurer), the U. S. Animal Health Association, Sigma Xi, The Royal Society of Health and many more.

In his retirement, his interest in genealogy led to his publishing a Morehouse Family genealogy. At the urging of his wife and children, he wrote an autobiography entitled "The Nine Lives of L. G. Morehouse". He was a member of the M. Graham Clark Chapter of the Sons of the American Revolution as well as the Mayflower Society. He also served as president of the MU Retiree's Association. Dr. Morehouse was a long time member of Trinity Presbyterian Church, Columbia, where he served several terms as elder and also as clerk of session. He was passionate about his love of music, especially opera and served on the board of the Missouri Symphony Society.

He is survived by his wife, Georgia, a son, Timothy Morehouse, his wife Kara and their sons Gabriel and Elijah, of New Jersey, and a daughter, Glenn Morehouse Olson, her husband Joel and their daughters, Zoey, Abilene and Jolie.

Gilbreath-McLorn Professor for Comparative Medicine Passes Away

Dr. John K. Critser, Gilbreath-McLorn Professor for Comparative Medicine at the MU College of Veterinary Medicine passed away suddenly Monday, March 21, 2011 at Boone Hospital Center. He was 57.

A memorial gathering will be held from 4 to 6 pm Friday, March 25, 2011 at Parker Funeral Service. Memorials may be given to the Cryobiology Research Institute, Inc.- Critser Endowment, 1102 Indiana Avenue, Indianapolis, IN 46202 or Monmouth-Roseville High School, Attn: Jeff Brian, 325 West 1st Avenue, Monmouth, IL 61462.

Dr. Critser was born November 7, 1953 in Galesburg, IL. He received a BA in biology and philosophy from Ripon College in Ripon, Wisconsin, a MS in Veterinary Science and a PhD in Animal Science from the University of Madison, WI. He was a Fellow in the Department of Obstetrics & Gynecology at the Mayo Clinic in Rochester, MN. John's first position was as Director of Andrology/Cryobiology at Methodist Hospital of Indiana. His first faculty appointment was in the Department of Physiology/Biophysics at Indiana University's School of Medicine. He went on to also have appointments at the Purdue School of Veterinary Medicine. He became the Director of the Cryobiology Research Institute at Indiana University in 1997. John came to the University of Missouri in 2001 when he was recruited as the Gilbreath-McLorn Professor for Comparative Medicine at the MU College of Veterinary Medicine and he served as the Chair of Veterinary Pathobiology for 2 years. He was a member of the RADIL faculty and oversaw cryopreservation and reproductive services.



John was a well-funded and well-respected researcher in the fields of comparative medicine, cryobiology, and reproductive biology. He has authored or co-authored over 190 publications. In collaboration with other faculty, John was instrumental in establishing the MU Mutant Mouse Resource and Research Center and the Rat Resource and Research Center both of which serve as critical repositories for valuable rodent models. John also was an active participant in establishing a similar resource for swine (National Swine Resource and Research Center). John was a tireless advocate for the development of the Center for Comparative Medicine and his tremendous vision and unique ability to forge fruitful and lasting collaborations among individuals with diverse expertise from all over the world were among his notable strengths. Dr. Critser was passionate about training graduate students and post-doctoral fellows. He not only nurtured them during their training but also continued to mentor and provide support as they matured professionally.

John enjoyed hiking and photography, and he was active in various professional organizations. He also enjoyed working with zoos on conservation efforts for endangered species.

He is survived by his wife, Elizabeth S. Critser, of 33 years; his children, Paul and Rebecca; his daughter-in-law, Julie, and his grandson Henry.

CVM Resident Passes Away

Dr. Norman Paul Nolen, 27, died March 23, 2011, in Columbia, Mo. Until recently, he was pursuing a residency in Laboratory Animal Medicine and a concurrent PhD with the University of Missouri's Comparative Medicine Program.

Dr. Nolen was a graduate of Central High School in Memphis, Tenn. He received his bachelor's degree from Tuskegee Institute and his Doctorate of Veterinary Medicine from the University of Tennessee at Knoxville. He was a member of Alpha Phi Alpha Fraternity Inc. Gamma Phi Chapter at Tuskegee. He leaves behind his father, Norman Paul Nolen of Memphis; a sister, LeShundra Robinson of Memphis; two nephews, Krisean Harris and Alex Carroll; a niece, Mya Finley; aunts, uncles, cousins and other relatives and friends. A funeral was held March 26 at N.J. Ford and Sons Funeral Home in Memphis.



ADAM-12 Gene Could Hold Key to Cancer, Arthritis and Cardiac Treatments

March 08, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/0308-adam-12-gene-could-hold-key-to-cancer-arthritis-and-cardiac-treatments/>

MU Phi Zeta Research Day 2011 Provides Opportunity to Exhibit Projects

Each year, the University of Missouri College of Veterinary Medicine sets aside a day to showcase the wealth of scholarly research conducted within the college. That day is Phi Zeta Research Day.

This year, on March 18, MU veterinary students, interns, residents, and graduate students presented their research projects to peers, faculty, and judges – either in poster format or lecture format.

Punctuating the day, which included a total of 40 presentations, was a social hour and banquet, during which 19 new members were inducted into the esteemed Phi Zeta Veterinary Honor Society.

Invited speaker Ed Robb, DVM, MS, DACVN, delivered a keynote address, titled "Innovation, Disruption and Embracing Change." He closed the evening with an address, titled "Progress, Passion and Risk." Robb is the vice president of research and development at Boehringer Ingelheim Vetmedica Inc. (BIVI) in St. Joseph, Mo.

The College of Veterinary Medicine Dean's Office and Office of Research sponsored the 2011 Phi Zeta Research Day. Pfizer Animal Health also contributed.

The following awards were provided to 2011 Phi Zeta Research Day presenters:

Veterinary Professional Student Posters

First Place, Ben Yarnall
Second Place, Josh Bell
Third Place, Kate Woodard
Fourth Place, Cory Penn

Veterinary Professional Student Presentations

First Place, Katherine Robinson
Second Place, Elizabeth Groth
Third Place, Jessica Sweet

Intern Presentations

First Place, Laura Nafe
Second Place, Ann Bosiak

Resident Poster/Presentations

First Place, Luise King
Second Place, Kara Osterbur

Advanced Graduate Student and Postdoctoral Poster/Presentations

First Place, Prakash Jayabalan
Second Place, Bruno Roseguini



Dr. Ed Robb, delivered the keynote address



Dr. Charles Wiedmeyer and Dr. Ed Robb with Rachael Cohn



Kristen Percich presenting her work to Dr. Ed Robb, Dr. Eileen Hasser, Dr. Joan Coates, and Dr. Tim Evans.

Phi Zeta Veterinary Honor Society Initiation

2011 Initiates Class of 2012:

Tyler Holtmeyer, Kim Dears, Jacque Bloch, Jessica Howard, Lauren Wineinger, Laurie Frasher, Natalie Fording

2011 Initiates Class of 2011:

Katie Horzmann, John Flanders, Veronica Schwartz, Rebecca Juvenal, Jenna Armstrong, Rachel Williams, Jessie Krause, Abigail Whiting, Ashley Chaligoj, Kimberly Hause-Loyd

2010 Initiates Class of 2011:

Anne Beyer, Victoria A Kasten, Beth Skaggs, Michael J Betley, Melanie S Santiago, Sarah K Spidel, Andrew L Swatek

Resident: Meredith Thoen

Faculty: Dietrich Volkmann

Mizzou Animal Cancer Care

The MU College of Veterinary Medicine is pleased to announce that advanced diagnostic and treatment services for cancer will become more convenient for St. Louis-area dog and cat owners with the opening of Mizzou Animal Cancer Care in the late spring of 2011. The new facility will be located at 1092 Wentzville Parkway in Wentzville, Mo. Please discuss your pet's treatment options with your veterinarian. If you both agree that radiation therapy is the best choice, contact the MU Veterinary Medical Teaching Hospital at 573-882-7821 to schedule an appointment. Your dog or cat may also be eligible to participate in one of our groundbreaking clinic trials advancing new therapies in animal cancer care.

Additional details about our team and services will be made available through this website as we move closer to opening Mizzou Animal Cancer Care in Wentzville.

MU CVM Alumnus Receives Ag Honor

The University of Missouri College of Agriculture, Food and Natural Resources Ag Alumni Association presented its 2011 Alumni of the Year Award to Robert "Bud" Hertzog, MU CVM '56, during CAFNR's Celebration of Excellence program April 7. The recognition event was held in the Clinton Club Room at Mizzou Arena and the Reynolds Alumni Center.

Hertzog graduated from Lee's Summit High School in 1948. After receiving a Bachelor of Science in agriculture at Mizzou in 1952, he went to earn on a Doctor of Veterinary Medicine degree in 1956. He then returned home to found one of the most extensive veterinary practices in the Midwest. He is a partner in the Lee's Summit Animal Hospital, has been the official veterinarian for both the Kansas City Zoo and the Kansas City American Royal, is a past president of the Missouri Veterinary Medical Association and past executive chairman of the American Veterinary Medical Association. He also found time to serve on the Jackson County Legislature, the Lee's Summit School Board, as well as other civic organizations.

He was previously named to the Lee's Summit High School Hall of Fame and was chosen as the University of Missouri Veterinary Alumnus of the Year and Missouri Veterinarian of the Year.

Bud and his wife, Betty, have five children and 10 grandchildren.



Mutated Gene Found in Dog Disease the Same in Humans, MU Researchers Find

Tibetan Terrier dogs could play key role in developing therapy for early-onset Parkinson's

April 18, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/0418-mutated-gene-found-in-dog-disease-the-same-in-humans-mu-researchers-find/>

Two New Faculty Members to Join MU CVM

On July 15, 2011, **Jeffrey N. Bryan**, DVM, MS, PhD, DACVIM, will be appointed as an MU College of Veterinary Medicine associate professor, director of the Comparative Oncology Laboratory and section chief for oncology.

Bryan completed his undergraduate and veterinary studies at the University of California-Davis. After running a successful private practice in San Francisco, he returned to academia to complete a residency in oncology at the University of Missouri. He currently serves as an assistant professor at Washington State University.

Dr. John Dodam, chairman of the college's Department of Veterinary Medicine and Surgery, says, "Dr. Bryan is a dynamic and enthusiastic teacher, clinician and researcher. We anticipate that he will maintain our oncology group's trajectory as one of the leading research teams in veterinary oncology. Moreover, we expect that he will work to increase further interactions between medical researchers, pharmacologists, and other scientists on campus to promote the one-health, one-medicine approach to discovery. His leadership skills and vision should also help lead our oncology team as it continues to grow and expand into new areas of research and service."



Meera C. Heller, DVM, PhD, DACVIM, will also be joining the faculty on Oct. 15, 2011.

Heller is currently an associate veterinarian and post-doctoral researcher in the Department of Veterinary Medicine and Epidemiology at the University of California-Davis, where she is a food animal medicine and surgery clinician in the William R. Pritchard Veterinary Medical Teaching Hospital Large Animal Clinic. She also provides clinical and didactic instruction of residents and veterinary students.

Heller received her undergraduate education from Stanford University and completed her veterinary studies at the University of California-Davis.

Dodam described the value Heller's experience will bring to the college, "Her background should lend itself well to what we do at MU: provide excellent clinical service to food animal clients, train our students to be excellent veterinarians, and discover new information for the next generation of veterinarians and livestock owners. We are excited to add Dr. Heller to our current faculty because her presence will complement those of our current faculty. Animal agriculture and food animal veterinary medicine is changing rapidly, and Dr. Heller's training and experience should help our section as they continue to develop their vision for the future."



Zalk Librarians Among Authors of Prize-winning Article

Two staff members of the Zalk Veterinary Medical Library are recipients of the esteemed Daniel T. Richards Prize. The Medical Library Association/Collection Development Section (MLA/CDS) awards the Richards Prize to an individual or individuals who created exemplary work in any format (print, audiovisual, electronic, etc.) related to collecting in the health sciences.

Head Librarian C. Trenton Boyd and Specialized Services Librarian Katherine M. Anderson are among the co-authors of the prize-winning article, titled, Basic list of veterinary medical serials, third edition: using a decision matrix to update the core list of veterinary journals.



The article was published in the Journal of the Medical Library Association last October, a product of the Veterinary Serials Committee, which Boyd chairs, of the Veterinary Medical Libraries Section of the Medical Library Association.

In addition to Boyd and Anderson, article co-authors included Ana G. Ugaz, resources management librarian, Medical Sciences Library, Texas A&M University; Vicki F. Croft, head librarian, Animal Health Library, Washington State University; and Esther E. Carrigan, associate dean and director, Medical Sciences Library, Texas A&M University.

Dan Richards (1945-1995) was instrumental in establishing biomedical library collection development as a rigorous discipline with a distinct methodology; the award was created in 1998 to honor his contributions.

MU Researchers Pioneer Animal Diabetes Treatment

Researchers adapt human continuous glucose monitors for pets

April 25, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

By Brad Fischer

<http://munews.missouri.edu/news-releases/2011/0425-mu-researchers-pioneer-animal-diabetes-treatment/>

Veterinary Cardiologist Presents Niemeyer Lecture

Dr. Kathryn Meurs presented the lecture "Choosing Genetics as a Tool to Understand Cardiology" April 21, 2011, at the University of Missouri College of Veterinary Medicine. Her presentation was part of the Niemeyer Lecture Series.

Meurs is the Richard L. Ott Professor of Small Animal Medicine and Research at Washington State University in Pullman, Wash. Her research interests include familial cardiac disease, particularly cardiomyopathies. She earned her DVM at the University of Wisconsin College of Veterinary Medicine. She undertook an internship at North Carolina State University and completed a residency in clinical cardiology at Texas A&M University where she also earned a PhD. She pursued a post-doctoral fellowship with the Texas Heart Institute.

The Kenneth and Margaret Niemeyer Visiting Lecture Fund sponsored her presentation. Dr. Kenneth and Margaret Niemeyer established the fund in 1986 to defray expenses of individuals brought to the CVM to deliver scientific lectures to veterinary students, faculty and other interested individuals. Kenneth Niemeyer is a 1955 graduate from the MU CVM and was a long-time faculty member at the college who also served as associate dean of academic and student affairs until the time of his retirement. He was instrumental in the campaign for the funding of Clydesdale Hall and assisted with the actual construction oversight on behalf of the Dean's Office. The Niemeyers remain active with the college and continue to help promote the college and the veterinary profession.



Dr. Kathryn Meurs addresses the audience during her presentation about genetics and cardiology April 21 at the MU College of Veterinary Medicine.



Dr. Philip Johnson, a professor of equine medicine at the MU CVM, gives a commemorative plaque to Dr. Kathryn Meurs to thank her for presenting the Niemeyer Lecture.

George Buckaloo, DVM, Named to Lead Mizzou Animal Cancer Care

After more than 30 years as the owner of his own veterinary clinic, Dr. George Buckaloo was at a crossroads. He wanted to begin winding down his professional career while freeing some time for some volunteer opportunities. However, he also wanted to ensure that his clients and their pets were in capable, compassionate hands. Opportunity knocked in 2007 in the form of two associates who wanted to purchase his practice and whom he knew to be quality veterinarians. He decided to sell his Independence, Mo. practice to them and stay on part time as an employee.

But then, opportunity knocked again — this time even louder. Buckaloo learned that the University of Missouri College of Veterinary Medicine was looking for a veterinarian to open its new Mizzou Animal Cancer Care facility in Wentzville.

“When this possibility arose, I was so excited,” he said. “It was just something I couldn’t imagine not taking the opportunity to do.”

Mizzou Animal Cancer Care, which is set to open in June, will offer radiation therapy to cats and dogs referred there for treatment by their regular veterinarians. New cancer drug therapies will also be tested with some animal patients qualifying to participate in those trials.

The satellite facility for the MU Veterinary Medical Teaching Hospital will make seeking cancer treatment for pets more convenient for St. Louis-area animal owners, who, in the past, have made the four-hour round-trip drive to the Columbia veterinary hospital.

Buckaloo, known as Renny to his family and friends, a 1972 graduate of the MU College of Veterinary Medicine, has been named the veterinarian in charge of the new facility. He said the opportunity to provide such a service drew him back out of his partial retirement.

“I love old dogs and cats and I love the clients who are at that point too. They’ve had a pet’s lifetime of experiences with them and this is such a critical stage in someone’s best friend’s life,” Buckaloo said. “In the past, the pet owners have either had to drive two hours to Columbia or, in some cases, leave their animal at the University for up to a month, and it very well may be one of the pet’s last months. What a wonderful thing this is for the college to try.”

The University purchased a 9,579-square-foot building on Wentzville Parkway to house the new animal radiation treatment center. The clinic is in a former medical office where human radiation oncology services were provided. The existence of a radiation-containing vault within the building made it ideal for its new purpose as a veterinary cancer care office.

Buckaloo began his career at the Care Animal Hospital in Arlington Heights, Ill., in 1972. In 1976, he returned to Missouri and become first a partner and then the owner of the Chrysler Animal Hospital in Independence.

He not only brings nearly four decades of experience to his new position, including offering cancer diagnosis and treatment for animals, but he has also personally experienced the frustration, difficult choices and sorrow of losing a beloved pet to cancer. His own dog, a Labrador, succumbed to lymphoma at the age of 12 in 2007.

“As we searched for the best person to operate the Mizzou Animal Cancer Care clinic, Dr. Buckaloo’s name rose to the top of the list or possible candidates,” said Dr. David Wilson, director of the MU Veterinary Medical Teaching Hospital. “Dr. Buckaloo possesses not only the medical acumen for this challenging position, but he also has a track history of being able to build a business from the ground



up, has a tremendous rapport with clients, a widespread recognition and reputation with Missouri veterinarians, and we were impressed by his enthusiasm for offering this needed service to St. Louis-area pet owners.”

Buckaloo said that while he has spent the past few days hugging his longtime clients and saying good bye, he is ready to build new bonds on the opposite side of the state.

“The beauty of veterinary medicine is the relationship between the patient, the client and the veterinarian.”

Parsley, Celery Carry Crucial Component for Fight Against Breast Cancer, MU Researcher Finds

May 09, 2011

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<http://munews.missouri.edu/news-releases/2011/0509-parsley-celery-carry-crucial-component-for-fight-against-breast-cancer-mu-researcher-finds/>

MEDIA ADVISORY: MU to Hold Eye Exams for Service Dogs

May 04, 2011

Story Contact(s):

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<http://munews.missouri.edu/events/2011/0506-media-advisory-mu-to-hold-eye-exams-for-service-dogs/>

Awards Night Honors Student and Faculty Accomplishments

University of Missouri College of Veterinary Medicine students received more than \$264,000 in awards during the 2011 Honors Banquet, held May 11 at the Holiday Inn Executive Center in Columbia, Mo. The annual event featured the presentation of approximately 150 awards, including scholastic acknowledgment, proficiency, academic and activity recognition, faculty honors and awards given in memory of former students and beloved pets.

Students were not the only honorees; they in turn offered teaching awards, including Golden Aesculapius Awards presented by each of the four classes to their outstanding teacher of the past year. 2011 Golden Aesculapius recipients were Dr. David Cross, honored by the Class of 2014; Dr. Catherine Vogelweid, recognized by the Class of 2013; Dr. Elizabeth Giuliano, honored the Class of 2012; and Dr. Carrie Duran, chosen by the Class of 2011.

Several other faculty members also received recognition during the awards program. Dr. Craig Franklin was named the recipient of the Pfizer Animal Health Award for Research Excellence. Franklin is an associate professor and director Graduate Studies, Comparative Medicine Program. Dr. F.A. (Tony) Mann was chosen by his peers to receive the Dadd Award for excellence in veterinary medicine teaching. Mann is a professor, director of Small Animal Emergency and Critical Care Services, and Small Animal Soft Tissue Surgery Service chief. This year's Pfizer Animal Health Distinguished Teacher Award was presented to Dr. Alison LaCarrubba, a clinical instructor in Equine Ambulatory Medicine. The graduating class selected the Pfizer Teacher Award to honor and outstanding teacher who through their ability, dedication, character and leadership, contribute to the advancement of the profession.



Fourth-year veterinary student Abby Whiting hugs Dr. Carrie Duran during the college's Honors Banquet.



Dr. Alison LaCarrubba accepted the 2011 Pfizer Animal Health Distinguished Teacher Award from Dr. Neil C. Olson, CVM dean (right), and Dr. Richard Meadows, last year's recipient.



Dr. F.A. (Tony) Mann (center) received the 2011 Dadd Award from Dr. Tim Evans (left), last year's winner, and Dr. Neil C. Olson, CVM dean.



Dr. Craig Franklin (right) accepted the 2011 Pfizer Animal Health Award for Research Excellence from 2010 recipient Dr. Jimi Cook (left), and Dr. Neil C. Olson, CVM dean

MU College of Veterinary Medicine Graduates 69 New Veterinarians

Dr. Marty Becker, author and veterinary correspondent for "Good Morning America," addressed the 62nd commencement of the University of Missouri College of Veterinary Medicine. Becker is recognized as a pioneer in the movement to recognize the positive link between pets and people. He is co-author of the fastest-selling pet book in history, "Chicken Soup for the Pet Lover's Soul," and authored or co-authored other top-selling books, including "The Healing Power of Pets: Harnessing the Amazing Ability of Pets To Make and Keep People Happy and Healthy," and "Fitness Unleashed: A Dog and Owner's Guide to Losing Weight and Gaining Health Together!" He is co-author of the New York Times best-seller, "Why Do Dogs Drink Out of the Toilet?" as well as "Your Dog: The Owner's Manual: Hundreds of Secrets, Surprises, and Solutions for Raising a Happy Healthy Dog."

He is an adjunct professor at the University of Missouri College of Veterinary Medicine, as well as at his alma mater, Washington State University, and the College of Veterinary Medicine at Colorado State University.

He spoke to the newest doctors of veterinary medicine about the importance of instilling confidence in clients as they build their veterinary practices. He shared some techniques for winning over the affection of dogs and cats, such as cats love the taste of Vegemite, and spoke about the need to let each client know that they and their pets are important to their veterinarian. He also shared anecdotes about former clients with interesting pet names and urged the graduates to not only get to know their patients by name, but to also learn why the clients picked the names they did for their pets.

Members of the Class of 2011 selected Dr. Sarah K. Spidel to give a response on their behalf. In an address punctuated with a healthy dose of humor, Spidel joked about the significance of the graduation date, Friday the 13th, and how it had been a recurring theme throughout their professional education, from their first year working in the anatomy lab to resembling zombies during the daylight deprived clinical training as fourth-year students. In a more serious turn, Spidel paid tribute to the dedication of her classmates, relating accounts of veterinary students who had become parents during their professional education and returned to the classroom the following week. She also talked about the diversity of the class that comprised triathletes, soldiers and musicians and how four years at the college had forged a close friendship between a cowboy and a New Yorker. She thanked the "moms" in the Zou café for always being ready with a friendly smile and reminded her classmates of one of their instructor's habits of concluding his lectures by projecting a slide featuring an image of his pointer. Summing up her comments, she quoted the instructor: "Well, we've made it to the birddog," she said.

Dr. Dana Gillig, president of the Missouri Veterinary Medical Association, led the graduates in reciting the Veterinarian's Oath, after which Dr. Ron Cott, associate dean for Student and Alumni Affairs and director of Development, presented the graduating class. Dr. Carrie Duran, adjunct assistant teaching professor, Dr. F.A. (Tony) Mann, professor, and Dr. Robert Youngquist, associate dean for academic



Dr. Neil C. Olson, CVM dean, presents Dr. Katrina Crecelius with her diploma as her father, Dr. Michael Crecelius, who assisted in hooding his daughter, looks on. Dr. Tony Mann (seated) also participated in the investiture.



Dr. Marty Becker offered the keynote address to the MU College of Veterinary Medicine Class of 2011.



Dr. William Shore, president of the CVM Alumni Organization, greeted the Class of 2011 on behalf of the organization and explained opportunities for the graduates to stay in touch with each other and the college.

affairs, conducted the investiture. CVM Dean Dr. Neil C. Olson conferred the Doctor of Veterinary Medicine degree to the class members on behalf of the Board of Curators.

Veterinarians completing internships, residencies and graduate programs at the CVM also received recognition during the ceremony.



Dr. Dana Gillig, president of the Missouri Veterinary Medical Association, leads the CVM Class of 2011 in reciting the Veterinarian's Oath.



Graduating DVMs recite the Veterinarian's Oath.

For Expert Comment: MU Veterinarian Warns of Regional Horse Herpes Outbreak, Advises Vigilance

May 18, 2011

Story Contact(s):

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<http://munews.missouri.edu/expert-comment/2011/0518-for-expert-comment-mu-veterinarian-warns-of-regional-horse-herpes-outbreak-advises-vigilance/>

CVM Dean Honors Individuals for Their Positive Impact

MU College of Veterinary Medicine Dean Neil C. Olson selected three individuals to receive the 2011 Dean's Impact Awards. The awards, established in 1993, recognize individuals who have had an outstanding and sustained impact on the College of Veterinary Medicine. Each year, the CVM dean selects up to three people for the honors. Recipients do not have to be a member of the college faculty.

The honorees received an engraved wall plaque presented during a reception that also recognized staff members who achieved milestones in their years of service to the University of Missouri. This year's winners were Linda Van den Berghe, Dr. Dennis O'Brien, and Dr. James Creed.

Van den Berghe is the executive staff assistant to the associate dean of the College of Veterinary Medicine's Office of Student and Alumni Affairs, a position she has held for 10 years. She organizes and executes approximately 40 events each year involving 4,000 students and alumni. She was commended for an attention to detail that ensures each runs smoothly for all attendees. She simultaneously serves as one of the college's main contacts for college alumni while also filling the role of "Mom away from home" for more than 300 students each year. In awarding her an Impact Award, Olson commended her ability to "make things happen" for the alumni.

O'Brien's remarkable 26-year career at the University of Missouri began in 1985 when he became an assistant professor of veterinary neurology with the Department of Veterinary Medicine and Surgery. He was promoted to associate professor in 1991 and was made professor in 2003. In 2007, he was named the MU Chancellor's Chair of Excellence in Comparative Neurology and he serves as the director of the Comparative Neurology Program.

O'Brien is an internationally recognized expert in veterinary neurology and has contributed to the profession through original scientific discovery and the publication of more than 82 articles in high impact journals. In 2008, his peers awarded him the Pfizer Award for Research Excellence. He has used his extensive knowledge of human neurology in his investigations into veterinary neurologic disorders, ushering in a new era of genetic and molecular investigations. With his colleagues, O'Brien is responsible for unraveling the genetic mysteries of many genetic disorders of the nervous system.

Olson awarded his third Impact Award to Dr. James E. Creed, CVM professor emeritus. Creed, who earned Bachelor of Science and Doctor of Veterinary Medicine degrees from the University of Missouri, joined the faculty of his alma mater in 1984 as a professor and chairman of the Department of Veterinary Medicine and Surgery. He served as chairman during the planning and construction of Clydesdale Hall, which houses the Veterinary Medical Teaching Hospital. He retired in 1992 and was granted emeritus status in 1993.



Dr. Neil C. Olson, dean of the MU College of Veterinary Medicine, presents a 2011 Dean's Impact Award to Linda Van den Berghe.



Dr. Neil C. Olson presents a plaque to Dr. Dennis O'Brien honoring Dr. O'Brien as a recipient of a 2011 Dean's Impact Award.



Despite being retired, Dr. James Creed is still having an impact on the CVM, which Dean Neil C. Olson recognized with a 2011 Dean's Impact Award.

Despite being retired, he has stayed active at the CVM and within the veterinary profession. He participates in the didactic small animal surgery course and laboratory, with corporate sponsorship hosts an annual crawfish boil for students and clinicians at the teaching hospital, and participates in major veterinary meetings such as the American Veterinary Medical Association, the North American Veterinary Conference and the Western Veterinary Conference, which he also serves as president.

Exposure to BPA Has Been Underestimated, New MU Research Says
Results indicate BPA accumulates more rapidly within the body than previously thought

June 06, 2011

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<http://munews.missouri.edu/news-releases/2011/0606-exposure-to-bpa-has-been-underestimated-new-mu-research-says/>

MU Veterinary Team Helps Dog Paralyzed in Tornado Walk Again **Cocker Spaniel Injured in Deadly Joplin Twister**

June 16, 2011

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<http://munews.missouri.edu/news-releases/2011/0616-mu-veterinary-team-helps-dog-paralyzed-in-tornado-walk-again/>

Boyd Receives MLA Fellows Award

C. Trenton Boyd, AHIP, FMLA, head librarian the University of Missouri Zalk Veterinary Medical Library, was honored with a Medical Library Association Fellows Award for his outstanding contributions to excellence and achievement in health sciences librarianship. The Medical Library Association (MLA) confer this award to a maximum of five nominees each year.

Boyd, has been a member of MLA since 1972 and is a Distinguished Member of the Academy of Health Information Professionals. Boyd has had an outstanding career marked by significant contributions, nationally and internationally, to the specific field of animal health and veterinary medical librarianship. He is the founding member of five national and international veterinary medical library associations including MLA's Veterinary Medical Libraries Section, where he has served twice as chair. Among his notable achievements is the "Basic List of Veterinary Medical Serials" that he began in 1978 and continued to a third edition in 2009. The list has been published in the "Journal of Veterinary Medical Education," "Serials Librarian," and "Journal of the Medical Library Association" and is the core list for collection development for veterinary medical serials. It is the benchmark used by the American Veterinary Medical Association for accrediting veterinary medical libraries. Boyd received the MLA 2009 Murray Gottlieb Prize and 2010 Louise Darling Medal for Distinguished Achievement in Collection Development in the Health Sciences.



C. Trenton Boyd, head librarian the Zalk Veterinary Medical Library is congratulated by Ruth Holst, president of the Medical Library Association.

Selection criteria for the MLA Fellows Award includes a minimum of 10 years of professional experience in health information science; 15 years membership and notable leadership in the MLA; durable achievement by a sustained level of commitment to the goals of the association over a long period of time; significant scholarship evidenced by teaching, research and publication; and professional reputation supported by documentation.

CVM Mascot Passes Away at 35

Faculty, staff and students at the MU College of Veterinary Medicine are mourning the passing of Louise, one half of the original mule team that served as the MU College of Veterinary Medicine's goodwill ambassadors. Louise was humanely euthanized on June 23, 2011, at the age of 35 after a team of veterinary professionals determined that due to her advanced years and deteriorating health she was failing to respond to treatment for a leg injury she sustained making the outlook for her recovery poor.

Louise and her mule team partner, Hilda, came to the college in 1984. Dr. Robert Kahrs, who was then dean of the veterinary school, purchased the mules from a Fayette farmer and brought them to Columbia to become the school's mascots. As the official ambassadors, they traveled throughout Missouri, attending parades, picnics, petting zoos, giving wagon rides and raising awareness of the state's mule heritage.



In 1996, a second team of mules was purchased, allowing the much beloved Louise and Hilda to enjoy a well-deserved and peaceful retirement in the pasture behind the college's campus.

"Mules are reputed to be stubborn, but the truth is they're just very bright creatures," said Dr. John Dodam, chairman of the CVM's Department of Veterinary Medicine and Surgery and faculty adviser to the Mule Club. "Louise was one of the brightest, but she was also friendly and gregarious. I have been thinking about how many Missourians, now adults, who as children had their first up-close encounter with a real Missouri mule when they met Louise at a fair or a parade, and what a fun and educational experience that would have been. Louise's passing is a tremendous loss for the college, and she will be missed, but we're comforted that she enjoyed a long life and had such a positive impact on so many people."

Memorials in Louise's honor may be sent to the MU College of Veterinary Medicine Office of Development, W213 Veterinary Medicine Building, Columbia, MO 65211; or by calling 573-882-1902.

Independence Day to be Celebrated with Release of Rehabilitated Bald Eagle

July 01, 2011

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<http://munews.missouri.edu/environment/2011/0704-independence-day-to-be-celebrated-with-release-of-rehabilitated-bald-eagle/>

EXPERTS AVAILABLE: MU Experts Urge Horse Owners to Watch for West Nile Virus

July 05, 2011

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<http://munews.missouri.edu/expert-comment/2011/0705-experts-available-mu-experts-urge-horse-owners-to-watch-for-west-nile-virus/>

MU CVM Alumna Returns as Student Services Coordinator

Dr. Angela Tennison's ready smile and relaxed manner belie her former career. "I was one of those crazy people holding two phones and yelling into them," she jokes of her days as an energy futures trader.

Tennison, a native of Kentucky, had always wanted to be a veterinarian, but allowed herself to be talked out of pursuing her ambition. After graduating from Millsaps College in Jackson, Miss., with a degree in business administration, she found herself in St. Louis where she worked for Cargill and Merrill Lynch for seven years in the fast-paced financial markets.

However, her desire to become a veterinarian refused to remain just a dream. She applied and was admitted to the University of Missouri College of Veterinary Medicine. At MU, she was a member of Phi Zeta and distinguished herself as the recipient of the Feline Practitioners Award and the Mary T. Wernert Memorial Scholarship.

She received her doctor of veterinary medicine in 2001 and returned to St. Louis, where she worked in the Animal Emergency Clinic. After a couple of years in emergency medicine, she accepted a position with the Bridgeton Animal Hospital, working side-by-side with fellow CVM alumni, owners Kay and Pierre Tung. Last fall, her husband's position as the human resources director for Independent Stave Company prompted the pair to relocate to Columbia with their young daughter.



Tennison said her varied experiences will help guide her in her new position at her alma mater in the recently created position of student services coordinator. Her responsibilities focus on the preceptorships students undertake as part of their professional training. Tennison will create and maintain a database of preceptorship opportunities that give MU CVM students hands-on experience in veterinary practices, animal-related industries and working with government agencies. She will gather information from students about their preceptorship experiences to help match their fellow students with the best future opportunities for their skill sets, and she will also collect information from the companies and agencies offering the experiences to determine how well the CVM is training its students for their eventual entry into the veterinary profession.

"This is my dream job," she said. "It combines business with veterinary medicine and I have the chance to work with the students."

As a student at MU CVM, Tennison undertook three preceptorships: one at a cat clinic in Philadelphia, one in Stone Mountain, Ga., and one in St. Louis. She said the position of a student services coordinator would have been helpful to her had it been in place when she was a veterinary student.

And while she isn't practicing veterinary medicine in her new job, taking care of her three cats and two dogs still allows plenty of time interacting with animals. In her free moments, she also enjoys running, reading and spending time with her family.

MU CVM Alumnus Named UC Davis School of Veterinary Medicine Dean

Michael D. Lairmore, a 1981 graduate of the University of Missouri College of Veterinary Medicine, has been named the new dean at the University of California Davis School of Veterinary Medicine. He begins his position Oct. 24. Lairmore is currently associate dean for research and graduate studies at the Ohio State University's College of Veterinary Medicine, where he also serves as associate director of the university's Comprehensive Cancer Center.

UC Davis Chancellor Linda P.B. Katehi and Provost and Executive Vice Chancellor Ralph J. Hexter announced Lairmore's appointment Aug. 11, praising his accomplishments as a researcher and administrator. Hexter, who oversaw the search process, pointed to the interdisciplinary breadth of Lairmore's resume: "Michael's experience stretches from clinician to professor to administrator, and from veterinary medicine to pathology to cancer, in key roles at Ohio State and the U.S. Centers for Disease Control and Prevention. I am confident that his strength as a candidate will translate to his strength as our new dean of veterinary medicine."

Lairmore attended Missouri as an undergraduate biology major and was accepted into the DVM program after only three years. He went on to earn a doctorate in experimental pathology from Colorado State University. He is board certified in two veterinary specialties — anatomic pathology and virology and immunology. He is a member of the Institute of Medicine, which is the health arm of the prestigious National Academy of Sciences, and is a fellow of the American Academy of Microbiology.

He joined the Ohio State University in 1990 after heading the Human T-lymphotropic Virus (HTLV) Reference Laboratory at the federal Centers for Disease Control and Prevention in Atlanta. While there, he focused on the linkages between human T-cell leukemia viruses and specific diseases, including some forms of cancer.

His research has focused on the biology of human retroviruses, including the roles some viruses play in the onset of certain types of cancer. He developed one of the first animal models for AIDS-associated pediatric pneumonia, facilitating studies aimed at treating that ailment. His research has received nearly continuous support from the National Institutes of Health, totaling nearly \$30 million during his career. He has published more than 170 scientific papers, many in some of the country's most prestigious research journals.

As dean, Lairmore will also preside over the William R. Pritchard Veterinary Medical Teaching Hospital, the California Animal Health and Food Safety Laboratory System, and the Veterinary Medicine Extension program.

"It will be an honor to serve as dean of one of the premier institutions of its kind in the world," said Lairmore, who pointed to the school's "extensive history of providing outstanding education for society-ready veterinarians and producing innovative research findings to address important problems ranging from clinical veterinary medicine to public health."

He said his experiences and background will fit well with the philosophy and responsibilities of UC Davis as a major academic institution in a robust biomedical and agricultural environment with teaching, research and public service missions.



MU CVM Professor Dennis O'Brien Receives Kirk Award for Professional Excellence

Dennis O'Brien, a professor of veterinary neurology at the University of Missouri (MU) College of Veterinary Medicine, is the 2011 recipient of the Robert W. Kirk Award for Professional Excellence. Presented annually by the American College of Veterinary Internal Medicine (ACVIM), the award recognizes outstanding achievements and dedicated service to the veterinary profession. Kirk Award recipients' careers in veterinary medicine have garnered national and international recognition for contributions and service in activities such as clinical medical practice, instruction, research or public service.



"The Kirk Award is undoubtedly the most prestigious honor possible for any veterinarian working in the fields of internal medicine, which includes small and large animal internal medicine, neurology, cardiology, and oncology," said Leah Cohn, professor of veterinary internal medicine at MU and president of ACVIM. "I can't tell you what a joy it was for me as the president of the ACVIM to see this important recognition go to Dr. O'Brien. All of his colleagues and students here at Mizzou have long known what an incredible clinician and scientist he is, but it was great to see his contributions so prominently recognized."

O'Brien, whose pioneering research in hereditary diseases is benefitting both animals and humans, received his DVM in 1975, from the University of Illinois. After three years in private practice, he returned to the University of Illinois where he entered a neurology residency program in the Department of Veterinary Clinical Medicine, and completed a doctorate in neuroscience in 1987.

He became an assistant professor of veterinary neurology with the Department of Veterinary Medicine and Surgery at MU in 1985 and was appointed full professor in 2003. In 2007, he was named the MU Chancellor's Chair of Excellence in Comparative Neurology.

O'Brien is an internationally recognized expert in veterinary neurology and has contributed both through scientific discovery and publication in scholarly journals. He has lectured internationally on topics related to clinical veterinary neurology and his research on canine inherited neurologic disease. He is well known for expertise in neurodegenerative disease, metabolic encephalopathies, movement disorders and epilepsy in dogs and cats. He has pioneered the discovery of canine dysautonomia. He is considered one of the leading experts in genetic disorders of the nervous system of dogs and cats.

O'Brien helped found the Comparative Neurology Program in the College of Veterinary Neurology, which today is part of the Mizzou Advantage One Health, One Medicine initiative. Research in the Comparative Neurology Program is devoted to understanding the causes of developmental and degenerative diseases of the nervous system in domestic animals and translating that knowledge into the therapies of tomorrow for the benefit of both human and animal patients. His current research focuses on understanding canine multiple system degeneration, a naturally-occurring form of Parkinson's disease in dogs for which he received funding through the National Institutes of Health.

His service on committees of the University of Missouri campus has been extensive and currently includes the Campus Promotion and Tenure Committee. O'Brien, a diplomate of the ACVIM since 1984, has served as president for the Neurology Specialty of the ACVIM and as a member of the Board of Regents from 1999-2002. In addition, he served on the Board of Directors for the Central Missouri Humane Society for six years.

Meadows Selected for Prestigious Curators' Teaching Professorship

MU College of Veterinary Medicine Professor Richard Meadows was recently named as a Curators' Teaching Professor. The prestigious appointment is for a period of five years, which can be renewed at the discretion of the Chancellor. Meadows is the first College of Veterinary Medicine faculty member to receive the honor; M. Harold Laughlin, professor and chairman of the Department of Biomedical Sciences has been a Curators' Professor since 2006.

The chancellor recommends faculty members for the honor based upon a nomination from faculty colleagues, departments, schools/colleges, or recognized campus organizations. Only outstanding scholars with established reputations are considered.

Meadows has been a member of the CVM faculty and the director of the Community Practice Section within the Veterinary Medical Teaching Hospital since 1999 when he was hired as a clinical assistant professor. He has also served as the director of the Pet-Safe Program at the CVM since 1999. He was promoted to clinical associate professor in 2004. In 2007 he became a teaching associate professor before being promoted to teaching professor in 2009. Since 2000, Meadows has also been an adjunct faculty member for the MU Sinclair School of Nursing.

In addition to instructing veterinary students in the classroom and clinics, he has served as the director of the HOPE (Helping Overpopulation through Education) Project since 2005. In that position, he takes veterinary students to metropolitan Kansas City and other underserved areas once per month to assist in low-cost spay and neuter clinics aimed at decreasing the numbers of neglected animals in shelters. Under Meadow's tutelage, the students develop surgical skills while alleviating animal suffering.

Meadows' students, peers and professional colleagues have honored him on numerous occasions. He was chosen as the recipient of the 2010 National Pfizer Teaching Award, the most prestigious veterinary teaching award given in the United States. He was also the recipient of the 2010 Pfizer Teaching Award that is presented at the college level. He is the previous winner of the 2002 Carl J. Norden Award for Distinguished Teaching at the CVM, the 2003 Golden Chalk Award, the 2003 and 2010 Golden Aesculapius Award, the 2005 William T. Kemper Excellence in Teaching Fellowship Award, the 2006 Bustad Companion Animal Practitioner Award, and the 2008 Missouri Governor's Teaching Excellence Award at MU.

Hometown Honors CVM Alumnus

University of Missouri College of Veterinary Medicine Alumnus Dr. Robert 'Bud' Hertzog, '56, was honored in his hometown recently with the naming of a stadium in his honor. The Lee's Summit High School athletic complex is now Bud Hertzog Stadium. Hertzog is a member of the school's class of 1948.

A lifelong Lee's Summit resident, the stadium name recognizes Hertzog's professional success, his service to his community and school district and his outstanding character.

"I cannot think of anyone in our school district who is more respected than Bud Hertzog," said Dr. David McGehee, Lee's Summit R-7 superintendent. "He has continuously shared his time and talents, never hesitating to help others while providing leadership for our schools, economic development efforts, business community and civic organizations."

In addition to the stadium naming, Lee's Summit High School is displaying a sculpture of Hertzog in the southwest end of the complex. Artist Kwan Wu created the bust, which was funded by anonymous donors and donated by the Lee's Summit Economic Development Council.



Hertzog's career has spanned six decades, and he has been managing partner of Lee's Summit Animal Hospital since 1956. He has held leadership roles in numerous veterinary organizations, including serving as president of the Kansas City and Missouri Veterinary Medical Associations. His career also included 25 years as the veterinarian for the Kansas City Zoo and 26 years as official veterinarian for the Kansas City American Royal. He has received awards from the University of Missouri Alumni Association and was named Veterinarian of the Year by the Missouri Veterinary Medical Association.

Hertzog served 16 years on the Jackson County Legislature, including serving as vice chairman of the legislature. He also held leadership positions on the Lee's Summit Economic Development Council and the Lee's Summit Chamber of Commerce and he served on the Jackson County Economic Development Commission and the Little Blue Sewer Board Commission. He is a charter member of the Lee's Summit Rotary Club and a Paul Harris Fellow.

Within the R-7 School District, Hertzog's service on the Board of Education spanned four decades, including terms from 1976 through 1982 and from 1996 through 2001. His time on the Board of Education included periods of tremendous growth, as R-7 nearly doubled in size during years on the board. He provided leadership through numerous bond and levy elections, attendance boundary changes, improvements in instruction and programming, school construction and school openings. In honor of his long-term support of the community and schools, the Bud Hertzog Leadership Award was established in 2006 with assistance from the Lee's Summit Economic Development Council. The award provides funding for classroom materials to outstanding teachers each year.

Hertzog and his wife, Betty, have five children, 10 grandchildren and one great-grandson. In addition to their other community and civic activities, the Hertzogs have been active in the Lee's Summit First Baptist Church for many years with Bud Hertzog serving as a church deacon.

MU Equine Veterinarians Share Knowledge in Brazil

Two MU College of Veterinary Medicine faculty were invited to share their research expertise and provide advanced clinical training to approximately 300 veterinary professionals from across Brazil.

Dr. Philip J. Johnson and Dr. Joanne Kramer were chosen to participate in and give seminar presentations at the Veterinary College at the UNESP campus in Jaboticabal, Sao Paulo State, Brazil. This institution is generally regarded as one of the top large animal and agricultural training campuses in Brazil.

Johnson, a professor of equine internal medicine, delivered two lectures: "Endocrine and Metabolic Aspects of Equine Laminitis" and "Diagnosis and Management of Duodenitis/Proximal Enteritis." In addition, he offered graduate student participants a hands-on lab on the subject of equine abdominal ultrasonography.

Johnson noted, "To a greater and greater extent, veterinarians in practice are using ultrasonography for diagnosis of horse diseases. There is a steep learning curve when the veterinarian starts using this technique, but the patient information obtained is well worth the effort. Ultrasonography is key to better and earlier identification of severe intestinal diseases for which the prognosis is very significantly improved when treatment is instituted early."

Kramer, an associate teaching professor in equine surgery, provided lectures on "Chronic Laminitis: Trimming and Shoeing Concepts" and "Support Limb Laminitis."

She also held a laboratory in which radiographs were used to guide trimming of a laminitic horse and during which she demonstrated the use of the Lameness Locator. The Lameness Locator is a high-tech objective system for lameness evaluation of horses, developed by MU CVM faculty member Dr. Kevin Keegan.

"Laminitis is one of the most important causes of lameness in the horse," Kramer explained. "A significant component of laminitis treatment involves corrective trimming and shoeing. Learning how trimming and shoeing affect the healing process is critical to improving the treatment of laminitis."

At the conclusion of the symposium both Kramer and Johnson participated in a panel discussion and a question-and-answer session with the audience.

"There is an enormous level of enthusiasm amongst Brazilian veterinarians for advanced clinical education following graduation," Johnson said. "As in the USA, veterinarians who work with horses in Brazil strive to develop, maintain and expand a very high level of veterinary clinical expertise for their respective constituencies."



Dr. Philip J. Johnson (second from left) and Dr. Joanne Kramer (second from right) meet with the president of the university and the organizers of the International Equine Colic Symposium.



Dr. Philip J. Johnson and Dr. Joanne Kramer are pictured with the organizers and presenters at the International Equine Colic Symposium.

The lectures, discussions, and clinical laboratory sessions conducted by Johnson and Kramer were held in conjunction with the Eighth International Equine Colic Symposium, Aug. 9-13, 2011.

MU Study Finds Risk Factors for Cat Cancer, Could Have Implications for Human Cancer Prevention and Treatments

Sept. 28, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/0928-mu-study-finds-risk-factors-for-cat-cancer-could-have-implications-for-human-cancer-prevention-and-treatments/>

Fobian Named CVM Alumnus of the Year

Dr. Clark Fobian, DVM '77, was named the Alumnus of the Year during the University of Missouri College of Veterinary Medicine 2011 Alumni Reunion Weekend held Sept. 16-17. Fobian earned a bachelor's degree in agriculture from the University of Missouri in 1972 before continuing on to receive his DVM.

Since 1981, he has been the owner of Thompson Hills Animal Clinic, a companion animal practice in Sedalia, Mo. He began his career in 1977 as an associate veterinarian at the Nevada Veterinary Clinic, a mixed animal practice. In 1979, he accepted a position as an associate veterinarian at the Saline County Veterinary Hospital in Marshall, Mo.

The bronze Alumnus of the Year plaque is the latest award for Fobian who has previously been honored as the Missouri Veterinary Medical Association Veterinarian of the Year, 2006; recipient of the Missouri Veterinary Medical Association President's Award, 2005; a member of the Society of Phi Zeta, the honor society of veterinary medicine; and a member of Gamma Sigma Delta, the honor society of agriculture.

Fobian is active supporting both the veterinary profession and his community. Service to his profession has included serving on numerous American Veterinary Medical Association committees and boards including the Executive Board, the Executive Board insurance liaison committee, the Executive Board bylaws committee, and the Executive Board budget and financial review committee. On the state level he is an ex-officio member of the Missouri Veterinary Medical Association Board, was MVMA board chairman in 2004, MVMA president in 2003, MVMA vice president in 2001 and served on the Board of Governors.

He served in the U.S. Army Reserves from 1972-1978.

Outside of his professional endeavors, Fobian gives his time to numerous groups including the Sedalia Symphony Society, which he has served as president and vice president and is currently a board member, Katy Trail State Park as a volunteer, and 4-H as a veterinary science leader.

In nominating Fobian as Alumnus of the Year, Dr. Robert "Bud" Hertzog, DVM '56 stated, "Clark Fobian truly understands the meaning of service above self and he is truly deserving of recognition by his alma mater."

Fobian and his wife, Rita, have two children and three grandchildren.

The announcement of Alumnus of the Year honor came during the Alumni Reunion Weekend banquet held in the Adams Conference Center on the CVM campus. Following the dinner, alumni were invited to play games with proceeds benefitting the College's Shelter Medicine Program. More than \$1,000 was raised for the program. Other reunion activities included a breakfast with retired faculty, tours of Clydesdale Hall and tailgating before the Mizzou Tigers took on Western Illinois.



Dr. Clark Fobian, DVM '77, accepts his plaque honoring him as Alumnus of the Year.



Dr. Jack DeLany, a member of the CVM Class of 1952, attended the Alumni Reunion Weekend with his family including son, Michael.



The well-attended Alumni Reunion Weekend banquet was held in Adams Conference Center.



The weekend offered guests the chance to catch up with their former classmates.

For Common Toy Breed Dog Windpipe Issue, MU Veterinarians Use Technology and Precision Instead of an Incision

MU veterinarians offer innovative treatment for tracheal collapse

Oct. 04, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/1004-for-common-toy-breed-dog-windpipe-issue-mu-veterinarians-use-technology-and-precision-instead-of-an-incision/>

Two New State Veterinarians Studied at CVM

Two veterinarians with ties to the MU College of Veterinary Medicine were recently named to positions as state veterinarians. Missouri Department of Agriculture Director Dr. Jon Hagler announced that Dr. Linda Hickam, DVM '90 has been appointed as the Missouri State Veterinarian. New Jersey Secretary of Agriculture Douglas H. Fisher announced the appointment of Dr. Manoel Tamassia as New Jersey State Veterinarian, serving as director of the New Jersey Department of Agriculture's Division of Animal Health. Tamassia pursued his veterinary degree at the Universidade Estadual de Londrina, Brazil before undertaking an internship and residency in theriogenology at the MU CVM.

A native of Columbia, Mo. , Hickam will serve as Missouri's lead animal health authority and administrative head of the department's Division of Animal Health. Dr. Taylor Woods, who held the position of state veterinarian prior to Hickam's appointment, will stay on as a senior advisor on livestock industry issues.

"Missouri's animal health practices are among the best in the nation and I am confident Dr. Hickam is the right person to take over," Hagler said. "Dr. Hickam has worked closely with Dr. Woods over the past three years and the livestock industry will continue to move forward under her leadership."

Hickam has been with the Missouri Department of Agriculture since 2007. For the past three years she has served as Missouri's deputy state veterinarian and state epidemiologist. She has a diverse background in animal health, including small and large animal practice, commercial livestock production and sales facilities, as well as regulation and policy development.

"Dr. Hickam's academic training, knowledge of the department and experience will serve her well as state veterinarian," Woods said. "I am looking forward to working with the director on livestock issues and being of assistance to Linda as she leads the animal health division."

Tamassia served as New Jersey's acting state veterinarian since April and held the position of principal veterinarian and assistant director of the Division of Animal Health for the past two-and-a-half years.

"Dr. Tamassia is an experienced and caring professional who will work hard to protect the state's animal population," Fisher said. "He recently put his skills to the test during Hurricane Irene when animal emergency teams had to be mobilized to protect the welfare of animals impacted by the storm and successfully accomplished that mission."

Dr. Tamassia was raised in a farming family and entered engineering school, only to drop out six months later to pursue a veterinary degree. Upon completion of a master's degree at the University of Missouri, he stayed on an additional year as an assistant instructor. It was during that time that he completed the requirements for the ECFVG program, the Doctor of Veterinary Medicine equivalency for foreign graduates.

In June 2009, Tamassia was awarded Diplomate status from the American College of Theriogenologists. "My goal as state veterinarian is to keep our agricultural animals safe from foreign animal diseases at the same time assuring that they are being raised humanely," he said. "Treating animals humanely includes educating the population about the need of having plans to care for animals during disasters. I also want to work with the veterinary community and offer them the services of our diagnostic laboratory."



Dr. Linda Hickam



Dr. Manoel Tamassia

Since his arrival at the department, Tamassia has been instrumental in successfully containing outbreaks of equine herpes virus, equine piroplasmiasis and contagious equine metritis. He has been involved in the performance of numerous diseases and humane investigations, monitoring of chicken flocks for avian influenza and delivery of shelter and evacuation trailers for pets to several New Jersey counties. He also conducted trainings on emergency preparedness.

CVM Alumnus Elected to Lead Iowa Veterinary Medical Association

Dr. Bill Williams, MU DVM '95, was recently installed as president of the Iowa Veterinary Medical Association, a 1,400-member organization representing clinical companion animal and production animal veterinarians, researchers, professors and regulatory veterinarians.

Williams is a small animal practitioner with the Hubbel Animal Hospital in Altoona, Iowa. He is a member of the AVMA and AAHA and has been a regular speaker in companion animal ethics at Iowa State's College of Veterinary Medicine.

His wife, Amanda Fales-Williams, DVM, PhD is also a member of the MU College of Veterinary Medicine Class of '95. She is a professor of veterinary pathology at Iowa State University. The Williamses are the parents of two children.

Williams previously served a one-year term as vice president of the organization. His term as president is also for one year.



Dr. Teresa Carmichael, the immediate past president of the Iowa Veterinary Medical Association, congratulates Dr. Bill Williams after he is installed as the organization's new president.

Students Choose Research Labs as Summer Vacation Destinations

The University of Missouri Veterinary Research Scholars Program (VRSP) engages first- and second-year veterinary students in summer research projects. It's a far cry from a trip to the beach, but the fact that so many students at MU line up to be selected to participate speaks volumes about the program's value.

Dr. Craig Franklin, professor in the Department of Veterinary Pathobiology and co-director of the VRSP, explained that although other veterinary medicine schools have similar summer research programs, Mizzou's program has some unique features.

One attribute that sets the MU program apart from others is its collaboration with Kansas State's and Oklahoma State's Veterinary Research Scholars Programs. This partnership offers students the opportunity to visit with outside researchers and explore various interests. Scholars from all three institutions meet and travel to regional research institutions and take some time to enjoy social events.

Each year, MU also takes all of its VRSP participants to a national symposium, which not all schools offer. During the symposium, the scholars present posters on their individual research and network with research scholars from other universities.

"I attained technical skills from working in the lab, communication skills from presenting my research poster, and networking opportunities – all things that will benefit my future career," said Lynn Brockway, a second-year veterinary medical student.

The highly desirable curricular structure that attracts so many ambitious students to the MU College of Veterinary Medicine presents a challenge to the summer research: the MU CVM provides students nearly two full years of clinical experience – resulting in a summer break five-to-six weeks shorter than most other veterinary colleges.

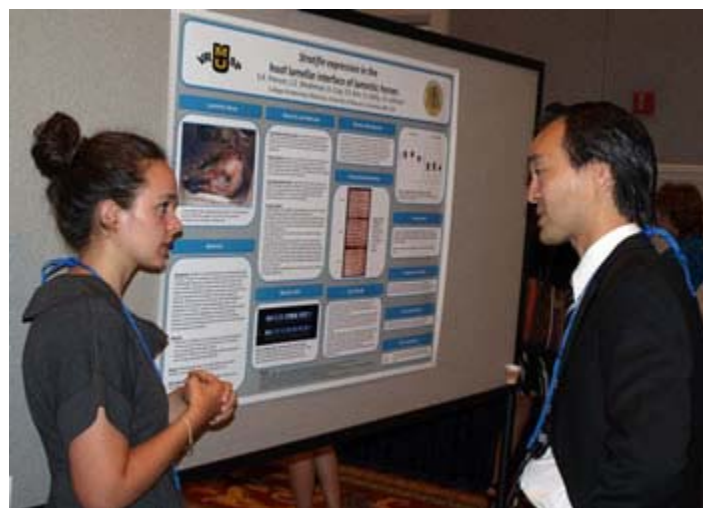
To make the most of their limited time, students eagerly begin developing their projects, meeting with their mentors, and attending a weekly "Foundations in



Participants in the MU CVM Veterinary Research Scholars Program pose for a group shot taken during a break from the symposium held at the University of Florida.



John Knouse, a member of the CVM Class of 2013, explains the research he conducted as part of the VRSP.



Sarah Pierson, a member of the CVM Class of 2014, reviews her poster highlighting research she conducted on laminitis during the VRSP symposium.

Veterinary Research and Discovery” course in March. Come summer break in July, they dive into their research projects full time.

VRSP alumni speak glowingly of the program. Bailey Carr, a second-year veterinary medicine student, encourages fellow students to take advantage of the opportunity to explore the research world. “I learned basic concepts that I will use in my veterinary career, even if I don't pursue research,” said Carr.

Research is one of the disciplines in which the demand for more veterinarians is increasing. The VRSP helps students appreciate the challenges, stimulation and career growth potential of the field.

“Although I’m currently undecided, I do foresee research playing a significant role in my career,” said second-year veterinary medical student Jake Moskowitz. “I am interested in pursuing comparative medicine, but will continue to develop my interests as I gain more research experience.”

This year, a record number of 30 MU students participated. Unfortunately, the number of applicants exceeded available resources. As interest in the program has grown, so has the need for faculty mentors and funding.

“The program is a highly meaningful learning experience for the students,” said VRSP mentor Dr. Rebecca A. Johnson, PhD, RN, FAAN, director of the Research Center for Human Animal Interaction (ReCHAI). “These bright, motivated students are delightful to work with and are important additions to our research team.”

ReCHAI provides funding for VRSP scholars. Support also comes from grants or gifts from Merial, Bayer, Pfizer Animal Health, Boehringer Ingelheim Vetmedica, the American Society of Laboratory Animal Practitioners, the American Association for the Accreditation of Laboratory Animal Care, and the Morris Animal Foundation, an endowment established by the Research Animal Diagnostic Laboratory, and funds from the College of Veterinary Medicine’s Dean’s Office and all three College of Veterinary Medicine Departments: Biomedical Sciences, Veterinary Medicine and Surgery, and Veterinary Pathobiology.

Franklin is impressed by the research scholars. “They put forth tremendous effort. They approach projects in a different way,” Franklin said. “I believe the future is in good hands.” For more information about the MU Veterinary Research Scholars Program, visit the VRSP web page at <http://www.cvm.missouri.edu/vrs>.

The Hidden Lives of Mules

Despite their superior intellect and stamina, these equine hybrids remain under-appreciated.

BY VOX EDITORS

OCTOBER 27, 2011 | 12:00 A.M. CST

<http://archive.voxmagazine.com/stories/2011/10/27/secret-lives-of-mules/>

IDEXX Laboratories Acquires the RADIL Reference Laboratory from the University of Missouri

CVM Community:

Today, I am extremely pleased to announce that MU and the College of Veterinary Medicine agreed to sell RADIL to IDEXX Laboratories, Inc. for \$43 million. As many of you know, RADIL was founded in 1968 by Dr. Joe Wagner, a faculty member at the College of Veterinary Medicine. Over the past 4 decades, RADIL has grown to become one of the two largest entities providing research diagnostic testing services. This sale not only provides the College of Veterinary Medicine with programmatic resources, but also brings a new and valued partner to Columbia and the Kansas City Animal Health Corridor. Located at Discovery Ridge in Columbia, MO, it is anticipated that IDEXX Laboratories, Inc. will continue to serve the biomedical research community with biological materials testing as well as laboratory diagnostics that include serology, pathology, molecular diagnostics, microbiology, and parasitology.

IDEXX Laboratories, Inc., a world-wide leader in the animal health field is an excellent match for collaborate programs at MU and the College of Veterinary Medicine. I look forward to working with them in the future.

Neil C. Olson, DVM, PhD
Dean of the College of Veterinary Medicine
University of Missouri

A press release with additional details about the sale is available at: www.idexx.com.

MU Partners with Metropolitan Community College to Advance Education Opportunities for Veterinary Technologists and Nurses

Earning a bachelor's degree is now more convenient for Kansas City area residents interested in nursing or veterinary science, thanks to two transfer agreements finalized today by officials from the University of Missouri and Metropolitan Community College.

The agreements, signed during a ceremony held at Metropolitan Community College, allow students who have earned an associate's degree in applied sciences in either veterinary technology or nursing at MCC to take online courses to pursue a bachelor's degree from MU.

The seamless degree plans, also called two-plus-two, referring to the two years spent at MCC followed by two years of online studies through MU, offer a number of advantages. Students benefit from the lower tuition costs at MCC, thereby allowing them to take additional online classes at MU. The program also allows students to pursue a degree from MU while remaining in the Kansas City area and continuing to work in their field while completing their degree.

The veterinary degree plan allows students to move from earning an A.A.S. in veterinary technology to an online bachelor of general studies with credit hours earned in veterinary technology, biomedical science, and behavioral science or American studies, as well as general education requirements and electives. The plan is the first of its kind in Missouri, said C.B. Chastain, director of undergraduate biomedical sciences education at MU.

"It seems particularly appropriate that MCC, the first veterinary technology program in Missouri, be the first partner with Missouri's only College of Veterinary Medicine in providing an online path for veterinary technicians to obtain a bachelor's degree," said Chastain. "It is our hope that this opportunity will enable veterinary technicians in the workforce to remain in the workforce, minimize their educational expenses and advance in their career to become leaders in veterinary biomedical technology."

The growth of the Kansas-Missouri Animal Health Corridor that encompasses an area from Manhattan, Kan., to Columbia, Mo., is spurring the need for more people qualified to work in the veterinary medical industry, according to Neil C. Olson, dean of the College of Veterinary Medicine at MU.

"Growing and developing a talented workforce to more effectively serve the needs of veterinarians and animal-health companies is absolutely essential to a vibrant regional economy," Olson said. "This online veterinary technology program, offered by MU in partnership with MCC, will provide an opportunity for our graduates in veterinary technology to not only grow professionally but also provide their employers with requisite skill sets that are necessary to function in a high technology environment."

The second articulation agreement comprises a nursing degree plan that allows students to move from earning an A.A.S. in nursing, or an RN, to an online bachelor of science in nursing, or a BSN.

"This partnership between MU and MCC is unique because it employs distance learning technology to make the pursuit of a BSN more convenient in Greater Kansas City," said Paul Long, vice chancellor for academic affairs and technology at MCC. "By educating more bachelor's degree-level nurses, we expect this stackable degree plan to help alleviate shortages of skilled health care workers in our area."



Metropolitan Community College Chancellor Mark James (right) and University of Missouri Provost Brian Foster shake hands after each sign articulation agreements between the two academic institutions. Looking on are deans of the MU Sinclair School of Nursing and College of Veterinary Medicine, Judith Miller and Neil Olson.

After earning a BSN from MU, students are also qualified to apply for admission to MU's online graduate programs to earn a master's, PhD or DNP.

"The MU Sinclair School of Nursing is committed to addressing the shortage of bachelor's and graduate-prepared nurses in the state by offering online access to these degrees," said Judith Fitzgerald Miller, dean of the MU Sinclair School of Nursing. "We are advocates for nurses attaining higher levels of education while residing with their families and working in their home communities."

MU is dedicated to creating "One Mizzou," a seamless system of high-quality courses and degrees delivered through innovative and flexible instructional delivery systems that serve the needs of all citizens of Missouri. Likewise, MCC is committed to preparing students for continued pursuit of higher education and creating opportunities that ease the transition to four-year universities.

MU Researchers Find Synthetic RNA Lessens Severity of Fatal Disease

Spinal Muscular Atrophy affects one in 6,000 children; no known cure

Nov. 21, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/1121-mu-researchers-find-synthetic-rna-lessons-severity-of-fatal-disease/>

MU Veterinarians Find Infections Faster By Monitoring Blood Compound

Blood test for dogs could lead to similar human test; severe infections kill more than half of patients

Dec. 05, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

Tracey Berry, berryt@missouri.edu, (573) 884-2215

<http://munews.missouri.edu/news-releases/2011/1205-mu-veterinarians-find-infections-faster-by-monitoring-blood-compound/>

Retired CVM Professor Passes On

Retired MU College of Veterinary Medicine professor Dr. Bruce David Rosenquist of Isabella, Mo., died Oct. 29, 2011, at the age of 77.

He was born on June 19, 1934, to Godfrey Carter and Selma Reller Rosenquist in Chicago, Ill. He married Annette Dorothy Jagor on July 7, 1956, in Chicago. After graduating first in his class from the Iowa State University School of Veterinary Medicine in 1958, he was appointed as a commissioned officer in the U.S. Public Health Service (CDC) in Atlanta, Ga., and also in Haddonfield, N.J., having served two years as an epidemic intelligence officer.

From 1960 to 1964, Dr. Rosenquist was in private practice in Morton Grove and Skokie, Ill. He then returned to school to further his education, attending the University of Missouri from 1964 to 1968 and earning both a master of science and doctorate in veterinary microbiology. From 1973 to 1992 he served as a professor of microbiology and virology at the MU College of Veterinary Medicine. He and his wife moved to Isabella in 1992 following his retirement.

He is survived by his wife, Annette, son, Eric, of Columbia, Mo., daughter, Jill, of Mountain Home, Ark., and two brothers, Dr. Russell Rosenquist of Scottsdale, Ariz., and Dr. Robert Rosenquist of Lamoille, Nevada.



Dr. Bruce David Rosenquist

MU Researchers Find Pet Kidney Injuries Are Similar To Human Kidney Injuries

Human blood test used as template for animal blood test

Dec. 19, 2011

Story Contact(s):

MU News Bureau, munews bureau@missouri.edu, 573-882-6211

<http://munews.missouri.edu/news-releases/2011/1219-mu-researchers-find-pet-kidney-injuries-are-similar-to-human-kidney-injuries/>

AAEP Elects CVM Alumnus as Treasurer

James Morehead, MU CVM '83, has been elected for a three-year term as treasurer of the American Association of Equine Practitioners (AAEP).

Morehead has been an active member of AAEP since joining in 1984, serving on the various committees and task forces. He was elected as the District IV representative on the board of directors , 2006-2010.

In addition to his roles at AAEP, Morehead has served as president of the Kentucky Association of Equine Practitioners and is currently a member of the Species Working Group for the American Horse Council. He has also held the position of resident veterinarian for the prestigious Three Chimneys Farm in Midway, Ky.

Morehead is currently a Kentucky thoroughbred practitioner, and owner of Equine Medical Associates, PSC, in Lexington.



Dr. James Morehead

California Cattlemen honor CVM Alumnus

John Maas, who earned a master's degree in veterinary microbiology at the MU College of Veterinary Medicine, received the Gordon K. Van Vleck Award at the 2011 annual convention of the California Cattlemen's Association (CAA) and California CattleWomen, Inc.

The award, the highest honor the CAA gives, is presented to an individual who has greatly contributed to beef cattle production while not engaged in the industry as a primary occupation.

Ione Conlan, who is one of the beef producers who nominated Mass for the award, described the recipient by saying, "He is a selfless individual who has given tirelessly to producers, who have benefited from his extensive knowledge, kind demeanor, and prolific writing and research."



Dr. John Maas

Maas received his DVM at the University of California-Davis before pursuing graduate studies at MU.

He joined the faculty of the School of Veterinary Medicine at UC-Davis in 1988, and works in veterinary medicine extension in beef cattle health and food safety.

He is a founding member of the American College of Veterinary Nutrition and is a longtime California beef industry supporter, educator, and researcher. He has written hundreds of scholarly articles for beef publications and has been an integral part of California's Beef Quality Assurance Program since its inception in the early 1990s.

CAA President Kevin Kester said of Maas, "While he has been instrumental in the success of California ranchers, his efforts have also been felt throughout our nation as he has dedicated himself to so many educational causes that have benefited ranchers everywhere."

Retired CVM Leader Dr. Kenneth Niemeyer Passes Away

Dr. Kenneth H. Niemeyer, who earned his bachelor's degree, doctor of veterinary medicine and master's degree at the University of Missouri and went to serve his alma mater as a College of Veterinary Medicine faculty member and administrator, died Wednesday, Dec. 28, 2011. He was 83.

Funeral services will be held at 10:30 a.m., Monday, Jan. 2, 2012, at Memorial Park Funeral Home in Columbia, Mo. Burial will in Memorial Park Cemetery immediately following the service. The family will receive visitors at the funeral home immediately following the graveside services.



Dr. Kenneth Niemeyer (right) and Dean Robert Kahrs with the College's mascots, Hillda and Louise in 1985.

Dr. Niemeyer was born to William C. and Olinda C. Schwerdt Niemeyer on Sept. 15, 1928, in St. Louis. His family relocated to a 100-acre farm near Treloar, east of Hermann, Mo. There he learned to milk cows, raise chickens and grow crops, experiences he said influenced his decision to pursue veterinary medicine. "I remembered how veterinarians would come out to our farm and treat our animals, that's what I wanted to do," he recounted in an interview for an article in the Spring/Summer 1999 *Veterinary Medical Review*.

Dr. Niemeyer served in the U.S. Navy from 1946 to 1949 as an electrician, which included one year on the aircraft carrier USS TARAWA. He returned to Columbia following his military service and enrolled in the University of Missouri under the G.I. Bill. He married Margaret R. Rennick on April 3, 1953.

He earned a bachelor of science and his DVM in 1955. After working briefly at a small animal clinic in St. Louis, he was offered a teaching position at MU. He said he planned to teach just two years and then open his own practice.

"But you know, I enjoyed working with the students. They challenge you. I was only a few years older than my students, and I felt I was learning more than they were," the *VMR* article quoted him as saying.

He completed his master of science at MU in 1962. In 1963, he was hired as an associate professor and took over the duties as the director of the Small Animal Clinic at the College of Veterinary Medicine from 1964 to 1968.

In 1976, Dr. Niemeyer was named assistant dean for student and alumni affairs and essentially began developing an alumni relations program from the ground up. He is credited with initiating alumni publications and beginning a College development fund. With others, he also started the College's annual fund-raiser for student scholarships — the Gentle Doctor Benefit. Dr. Niemeyer is credited as serving as the point person for raising the private support needed for the construction of Clydesdale Hall, which now houses the Veterinary Medical Teaching Hospital. He also oversaw its construction, which was complete in 1993. He served as the interim chairman of veterinary medicine and surgery in 1981 and 1982. In 1985, his position was consolidated with that of the associate dean of academic affairs, a post he held until his retirement in 1993 after 38 years of service. He was known as an influential teacher who mentored hundreds of veterinary students.

Following his retirement, he was named as a professor emeritus.

Although he retired, Dr. Niemeyer remained active at the CVM. He helped raise funds and oversaw the College's 50th anniversary celebration. A tireless champion of the College, Dr. Niemeyer, along

with his wife, established the Visiting Lecture Fund, which brings prestigious speakers to the College to deliver scientific lectures to students, faculty and other interested individuals. He and his wife were also members of the Jefferson Club.

His other memberships included the American Animal Hospital Association, American Veterinary Medical Association, Missouri Veterinary Medical Association, Central Veterinary Medical Association, Association of Veterinary Clinicians, Association of Veterinary Medical Educators, Sigma Xi, Gamma Sigma Delta and Phi Zeta. He also served on the Advisory Board to Animal Control for the City of Columbia.

He was a longtime member of Missouri United Methodist Church.

Dr. Niemeyer was well-respected among his peers. He received the Faculty Improvement Award from the MU Graduate School, he was named the CVM Alumnus of the Year Award 1986, and the Missouri Veterinary Medical Association presented Dr. Niemeyer with its most prestigious award when its members named him Veterinarian of the Year in 1993. In the 50th year historical pictorial review of the College, it was said of Dr. Niemeyer, that "no one individual gave such steady, loyal and consistent service to the college."

Dr. Niemeyer is survived by his wife, Margaret of Columbia; one son, Russell W. Niemeyer and his wife, Pamela J., of Hobbs, N.M.; two grandsons, Kyle W. Niemeyer and Michael J. Niemeyer, also of Hobbs, N.M.; one brother-in-law, Robert F. Rennick and his wife, Mary, of Jefferson City; one sister-in-law, Juanita Rennick of Washington, Mo; and numerous cousins, nieces, nephews, colleagues and friends.

He was preceded in death by his parents and one brother-in-law, James W. Rennick.

Memorial contributions may be made to The Niemeyer Lecture Fund, College of Veterinary Medicine, University of Missouri, 1600 E. Rollins, Columbia, Mo. 65211; or to the College of Veterinary Medicine Alumni Association, Kenneth H. Niemeyer Scholarship Fund, College of Veterinary Medicine, University of Missouri, 1600 E. Rollins, Columbia, Mo., 65211.