

American Veterinary Medical History Society

"Devoted to the Diffusion of Veterinary History"

INTERIM NEWS & COMMENT

October 2021

Susanne Whitaker and Helen Wojcinski, reporters

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From AVMHS President Pat Arrington

I am truly honored to be the AVMHS President for 2021-2022 and wish to share several thoughts with you.

—History and AVMHS's Essay Contest

As many of you have done, I've collected medical and veterinary antiques, beginning when I graduated from Auburn 50 years ago. I found my first antiques on the banks of the Ohio River in a yard sale in 1971, and I've been hooked ever since. Both of our hospitals in Louisville, Kentucky, have large display cabinets of memorabilia that our clients constantly enjoy.

My husband and I traveled to Pennsylvania a few years ago to rescue an immense number of vintage veterinary instruments being kept in a barn that was about to be torn down. These items, which are now stored in pods, have entertained at our state meetings every year. Dr. Fred Born has developed quizzes to see if anyone can identify the purpose of some of these strange-looking devices. I am constantly amazed at the

ingenuity of veterinarians in creating elaborate instruments to meet a specific need.

The past 18 months have been extremely difficult for our profession, from students having to take classes by Zoom, to practices having to implement curbside service. It's been challenging on all fronts, but we've learned a lot about ourselves, created new protocols for diagnosis and treatment, and improved our communication skills with pet owners. I believe we've become stronger and wiser in the process.

*AVMHS has now grown to over 300 members. I encourage all of you to pay for a guest membership for students or new graduates in your practice. Such a gift spreads the word about our mission and activities. Our student Smithcors Essay Contest continues to produce excellent papers. If you don't see any essays from your alma mater, now's the time to call the dean to encourage students to participate. Better yet, you can volunteer to be a judge. You won't be disappointed—I learn something new every spring when I read the submitted essays. The 4 prize winning papers appear in issues of *Veterinary Heritage*. Please continue to encourage all our new graduates to appreciate the rich history of our profession.*

—Conference Trip Highlights

I just returned from the Auburn University College of Veterinary Medicine Conference held last month and am proud to now be a Golden Eagle, having passed my 50th year of practice. What a special reunion!



During the conference I met with many students, and they were not often aware of the contributions made by others who have come before them. It is more important than ever to encourage students to join AVMHS and celebrate our history.

I came prepared to the Auburn Conference with copies of Veterinary Heritage, brochures explaining the Smithcors Essay Contest, and info and applications for our Heritage Veterinary Practice Registry. Do you know of practices in your area that have been in existence for 50 years or more? We are prepared to honor these special practices on our Heritage Practice Registry. But we need you to tell us who they are!

—Gender Shift



Note the total of 4 women (center of photo) among the 120 students in my Auburn class of 1971. Five decades later, women now outnumber men 4:1 in our profession. I hear a few of the "old guard" continue to think that this significant change has ruined the profession, but obviously, I beg to differ. I would be glad to discuss these changes and all the ways that women have moved veterinary medicine into the future and mostly for the better.

—Appreciation for Dr. McVey's Presentation

This year was the second time we've held our annual AVMHS meeting via Zoom. We were delighted to welcome Dr. Scott McVey, who gave a wonderful presentation on "The History of Vaccines and the Impacts on Veterinary and Human Medicine." If you were not able to join us, here's a link for members (can be shared) to access the PowerPoint slides:
<https://drive.google.com/file/d/1qlrjzZDzjDqXYnJWNtx9uloDUjLoun2F/view?usp=sharing>

Dr. McVey discussed the evolution of vaccines starting with the "worthless, contaminated, dangerous or harmful" products of the past two centuries until laws were passed in 1913 to ensure product safety.

In 1885, Pasteur used rabbit spinal cords, followed by other scientists who used sheep brains and avian egg passage in vaccine development. The 1970s brought modified-live vaccines for rabies and the eradication of smallpox. We should remember and appreciate that veterinarians have been at the forefront of all these advancements in vaccine development.

Note: We are grateful to Boehringer Ingelheim Animal Health for helping to make this presentation possible.

—Crisis for Emergency Hospital Services

COVID-19 continues to make history throughout the world and has had substantial effects within our profession. Since the beginning of the pandemic in March 2020, animal shelters have been emptied, clients have been working from home, and appointment slots have filled at veterinary practices.

Consider this example case of Mrs. Jones, whose dog is having a seizure. She calls her vet and is told the first appointment available is in 6 weeks. She calls her local emergency hospital and is told there is an 8-12 hour wait, or that she cannot be seen at all because the hospital is "at capacity." What does she do? She can drive 3-6 hours to the nearest larger city and try the emergency vet hospital there, but she will probably be told the same thing. This problem is not slowing down.

At my Jefferson Animal Hospital and Regional Emergency Center in Louisville, Kentucky, we have been open 24 hours for 41 years and are now forced to prioritize services and explain wait times. Veterinarians in our community and neighboring towns are not seeing any after-hours calls. Several emergency hospitals have closed their doors because they cannot find veterinarians or technicians to hire. The same goes for vet schools that are no longer open after hours.



To address the current crisis, our local TV station produced a recent news video in which we explained the issues: https://www.wdrb.com/news/emergency-veterinary-care-clinics-seeing-increase-in-workload-amid-shortage-of-staff/article_80e6df3a-e8da-11eb-93f7-137f042a7a94.html

I urge you to jot down your experiences on paper, make an audiorecording, or create a YouTube video so that we can preserve this significant period for history.

Congratulations to Dr. Arrington and Staff

While attending the Kentucky VMA's annual Mid-America Veterinary Conference on September 24–26, the Jefferson Animal Hospital was honored with the 2021 Kentucky Veterinary Hospital of the Year award. The plaques listed Dr. Pat Kennedy Arrington (owner) and all 14 of the practice's doctors as Veterinarians of the Year.



Dr. Pat Arrington (l.), KVMA President Dr. Debra Shoulders (r.) and others from the Jefferson Animal Hospital.



Several members of the Jefferson Animal Hospital staff and staff from the KY Humane Society are pictured here, along with Ethan (dog, front row, center). The social media team of the KY Humane Society has raised over several million dollars from the Ethan story, illustrating how social media efforts describing success stories of severely injured patients can raise money from pet owners around the world.

June 30 AVMHS Program Summary

AVMHS held its Annual Program and Business Meeting via videoconference on Wednesday, June 30, 2021, 7–9 pm EST. Nearly 50 members were in attendance.

During the first hour, Program-Chair/President elect Dr. Pat Kennedy Arrington (bestvet71@aol.com) introduced Dr. David Scott McVey (dmcvey2@unl.edu), Director of the University of Nebraska-Lincoln School of Veterinary Medicine and Biomedical Sciences and Associate Dean of the Nebraska/Iowa Program for Veterinary Medicine. With his expertise in veterinary vaccinology, Dr. McVey gave a most informative slide presentation on “The History of Vaccines and the Impacts on Veterinary and Human Medicine” (see presentation description and link to slides, above.)

The second hour was allocated to the Annual Business meeting convened by President Zbigniew Wojcinski. In his address, Dr. Wojcinski expressed satisfaction with using videoconferencing successfully for virtual annual meetings and board sessions. In the past year, the Bylaws were updated, the book *Guideposts for Veterinary Professionals* was published, strides were made in increasing membership and visibility for the Society, and a special presentation was given about the Fort Ord Station Veterinary Hospital. Dr. Wojcinski also extended appreciation to all who generously contribute their time and effort for the benefit of the Society and promotion of veterinary history in general. In addition to reports of the various committee activities, the slate of officers was elected for the coming year.

AVMHS 2021 Report in JAVMA News

For many years, annual reports of affiliated organization activities, including our Society, have appeared as news items in fall issues of *JAVMA*. This year our report was released on October 13 in *JAVMA News* and appears in the November 1 print issue (*JAVMA* 2021;259(9):963–964) at <https://www.avma.org/javma-news/2021-11-01/american-veterinary-medical-history-society>

Updated AVMHS Bylaws Approved

A major accomplishment this past year was the review and approval of updated AVMHS Bylaws. At the annual meeting on June 30, it was reported that those many members who voted by email had unanimously approved the May 26 draft version. This review was initiated in fall 2020 by President Dr. Zbigniew Wojcinski. Appreciation is extended to members who submitted suggestions during the feedback process in January and again for the approval vote in June. The new bylaws are posted on the AVMHS website at <https://www.avmhs.org/bylaws>

Status of *Guideposts for Veterinary Professionals*

Since the last report, the editorial team has continued to contact veterinary colleges in the US and Canada to determine the number of copies needed for this year's class of students and when to ship the books. Dr. Peggy Carter (peggycarterdvm@aol.com), who is ably managing distribution, has shipped 3800 books to 16 veterinary schools so far. Another 10 colleges will receive books in the next four months. COVID has significantly affected scheduling of white coat ceremonies this past year.

Copies of *Guideposts for Veterinary Professionals* can be ordered (price \$15 with member discount) from the AVMHS website at <https://www.avmhs.org/guideposts-for-vet-professionals>

Next Book on Five Irish Going Brothers

AVMHS is considering another book project based on extensive research of Dr. John Going. Dr. Going has spent more than 5 years compiling information about five brothers from Ireland, all of whom were veterinarians in the second half of the 19th century. One of the four came to America—Dr. Going's great grandfather. Feasibility for this project will be discussed at the next Board meeting because outside funding will be needed, along with approval for the Society to serve as publisher. Dr. Susan Aiello has volunteered to serve as editor in 2022. More information will be available later, but suggestions for potential funding sources are welcome at any time.

On October 28, Dr. Going gave a guest lecture, "Five Brothers, Five Irishmen, Five Veterinary Surgeons," for students in Dr. Howard Erickson's fall 2021 "History of Veterinary Medicine" elective course at the Kansas State University College of Veterinary Medicine. He brought some show-and-tell items, framed documents, and challenged the students in taking the Cavalry vet exam.

Oral Histories of Past AVMA Presidents

Several AVMHS members have recently expressed interest in conducting oral history interviews with as many living past AVMA presidents as feasible. Dr. Fred Born (fjborn@att.net), Oral History Committee Chair, is currently working with Drs. John Howe and John de Jong to begin outlining plans and logistics for such a project. These interviews will provide valuable insights into veterinary medicine for preservation and future reference. Anyone interested in participating should contact Drs. Born, de Jong, or Howe. AVMHS strongly encourages individual members and local groups to visit senior veterinarians to capture their experiences through

recorded oral or video interviews. See our Oral Histories pages at <https://avmhs.org/oral-histories> and <https://avmhs.org/video-interviews>

Several past interview projects come to mind. Dr. J. Fred Smithcors conducted 28 short interviews (20-30 minutes) with past presidents at AVMA meetings in 1958 and 1959. Among those interviewed were Drs. Christensen, Hardenbergh, Jasper, Jones, Lacroix, Leasure, Scheidy, and Traum. The original tapes were deposited to make the content of the digitized versions accessible from Manuscripts, Archives and Special Collections (MASC) at Washington State University Libraries. Written transcripts of Dr. Smithcors' interviews are also available upon request.

In the 1990s, Dr. Born and several colleagues from the Wisconsin Veterinary Medical Association interviewed all of their living WVMA presidents. Summaries were compiled in a 128-page booklet that documents a period in the history of the profession in that state.

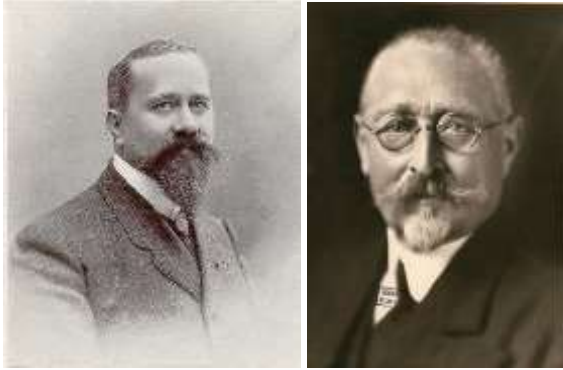
More recently, in 2011, a number of interviews were conducted with Kentucky veterinarians in preparing for the Kentucky Veterinary Medical Association's 100th anniversary commemorative book, *Celebrating 100 Years of Compassionate Care* (with accompanying CD-ROM). Copies of this book are still available from Dr. Pat Kennedy Arrington (bestvet71@aol.com).

Dr. Born's Letter Published in JAVMA

AVMHS Charter member Dr. Fred J. Born (fjborn@att.net) provided some sage advice about the proper form of addressing veterinarians and other health professionals in a letter to the Editor that appeared in the June 15 issue of the *Journal of the American Veterinary Medical Association*. Please see his complete letter in *J Am Vet Med Assoc.* 2021;258(12):1318–1319.

100th Anniversary of BCG Vaccine

July 18, 1921, was a One Health milestone. On that day 100 years ago, the first human infant was inoculated with a live attenuated bovine strain of the tubercle bacterium *Mycobacterium bovis* at a Paris hospital. It was an attempt to protect the newborn from the disease that had killed his mother hours earlier. Doctors gave him an oral dose of what was later named bacillus Calmette-Guérin (BCG) vaccine for its developers French physician and bacteriologist Albert Calmette (1863–1933) and veterinarian Jean-Marie Camille Guérin (1872–1961). At the Institut Pasteur, they subcultured *M. bovis* from a strain isolated from the milk of an infected cow for more than a decade until it was no longer lethal to guinea pigs or could cause disease in animals.



Albert Calmette (l.) and Camille Guérin (r.)
Source: Wikimedia Commons

Presently, BCG vaccine is administered to more than 100 million babies each year, primarily in the developing world, saving thousands of lives. While BCG provides incomplete protection that wanes with age, it is currently the only available TB vaccine. With modern advances in vaccine technology, work continues to develop a better option against this worldwide killer.

Read more:

King A. Tuberculosis: the forgotten pandemic. *The Scientist*, 2013 July at: https://www.the-scientist.com/features/tuberculosis-the-forgotten-pandemic68894?utm_campaign=TS_DAILY_NEWSLETTER_2021&utm_medium=email&hsmi=142087532&hsenc=p2ANqtz-83FM7pc88BiMcDE4fOjbx-h07flgvqulT0ygVVFdtir2PGgbNEOoLCAR70wOyUSDAeubHUC6GllbF0ShVrd_bGx5fMw&utm_content=142087532&utm_source=hs_email

Luca S, Mihaescu T. History of BCG vaccine. *Maedica (Bucur)*. 2013;8(1):53-58. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3749764>

Klass P. The plague among children: how we fought diphtheria. *Smithsonian Magazine*. 2021 Oct;52(6):50–61, 78, 80, 82.

Markel H. Long ago against diphtheria, the heroes were horses. *The New York Times*. 2007 Jul 10, p. F6.

Recollections of Dr. William Hadlow

On reading the paper by Kastner and Schoenberg on ratiocination in veterinary public health in the June issue of *Veterinary Heritage*, Vicki Croft (croft@wsu.edu) remembers her contacts with Dr. William J. Hadlow while she was at Washington State University as follows: “The article about veterinary public health was personally interesting because I knew Dr. Hadlow when he worked at the Rocky Mountain Lab and was an adjunct professor at WSU. He visited Pullman regularly not only as a veterinary pathology adjunct, but his son

was a PhD student in history and worked in Manuscripts, Archives, and Special Collections at the WSU Libraries. When I knew Bill, he had silver hair and wore glasses. I will always remember a story about him, related by Dr. John Gorham, one of WSU's eminent veterinary pathologists. He said that Dr. Hadlow might well have won a Nobel Prize for TSE [transmissible spongiform encephalopathies], but it went to a couple other pathologists (human). He was a scholar and a gentleman. I still remember his interest in lavender foal syndrome.”

Of further historical interest to the Pacific Northwest, Vicki indicates that the doctoral dissertation of Dr. Hadlow's son, Robert W. Hadlow, focused on the life and accomplishments of Oregon's master bridge builder Conde B. McCulloch (1887–1946), who designed “elegant arches” and “soaring spans.” His further studies, publications, and oral histories cover highways and cultural features along the Columbia River.

Coming in the next issue of *News & Comment*: Dr. Karen Hassan (bigreypony@yahoo.com) will provide a status report on the **Fort Ord Station Veterinary Hospital** in Marina, California.

2021–2022 AVMHs Officers and At-Large Board Members

As presented by the Nominating Committee at the annual meeting, the following slate of 2021–2022 AVMHs officers was elected for the current year:

President

Dr. Pat Kennedy Arrington (*Louisville, KY*)

President-elect/Program Chair

Dr. Marianne Ash (*Lafayette, IN*)

Past President

Dr. Zbigniew Wojcinski (*Hillsborough, NC*)

Secretary-Treasurer

Susanne Whitaker (*Ithaca, NY*)

At-large Board members

Dr. John de Jong (*Weston, MA*)

Dr. Arnold L. Goldman (*Canton, CT*)

Dr. John Howe (*Grand Rapids, MN*)

Dr. Roberts S. Treat, Sr. (*Manchester Center, VT*)

Introducing New Officers

AVMHs is pleased to welcome and introduce several new officers and board members for 2021-2022.



Pat Kennedy Arrington, DVM, CVFP

(bestvet71@aol.com) and her husband, Rick, founded the Jefferson Animal Hospital and Regional Emergency and Trauma Center in 1978 in Louisville, Kentucky. The practice has grown into two

large hospital facilities staffed by 14 veterinarians with 24-hour emergency and blood-banking services. In addition to being Kentucky Veterinarian of the Year in 2011, Dr. Arrington was awarded the Wilford S. Bailey Distinguished Alumni Award from Auburn University College of Veterinary Medicine in 2018.



Marianne Ash, DVM, MVPH, DACVPM, FNAP

(mash@boah.in.gov) is a Purdue University veterinary graduate and received her MVPH in 2008 from the University of Sydney. She serves as the Director of the Division of Animal Programs for the Indiana State Board of Animal Health and is also an Adjunct Professor at the Department of Veterinary

Sciences, School of Veterinary Medicine at Purdue. Before joining the State Board of Animal Health, she was staff veterinarian for an integrated swine and poultry company in central Indiana. Some related awards include the Purdue Women in Agriculture Leadership Award (2013), the Helwig-Jennings Award (2014) for outstanding service to the American College of Veterinary Preventive Medicine, and the Carroll County Agriculture Hall of Fame Award (2015).



Arnold "Arnie" L. Goldman, DVM, MS, MPH, CEM (drne@comcast.net) has been founder, owner, and medical director of the Canton Animal Hospital in Canton, Connecticut, since 1995. He received his DVM and MS (in veterinary physiology) degrees from the University of Florida College of Veterinary

Medicine and his MPH from the University of Minnesota. Dr. Goldman serves as board president and on various committees of the Connecticut VMA and New England VMA, as well as being the Connecticut

member of the AVMA House of Delegates. In addition to founding the Connecticut Veterinary Medical Foundation, he has been involved with disaster preparedness, public health programs, diversity issues, and domestic violence mitigation efforts. He has also taught veterinary technology at Northwest Connecticut Community College. In 2018, Dr. Goldman was honored with the Connecticut VMA's Veterinarian of the Year award. He holds certification in journalism and emergency management and has a commercial pilot instrument rating license. See also:

<https://www.avma.org/about/elections/arnold-l-goldman-dvm-mph-biographical-summary>
<http://www.cantonanimalhospital.com/about.html>



John Howe, DVM (drjohn.howe@gmail.com),

served as AVMA president for 2019–2020. In addition to representing District VII on the AVMA board from 2012 to 2018, he has been a member, liaison, delegate, and leader of numerous committees and advisory boards, including

chairing the State Advocacy Committee and Diversity and Inclusion Committee and being vice-chair of the Council on Veterinary Services and Governance Performance Review Committee. Dr. Howe has held many offices at the state and regional level, including president of the Arrowhead VMA and the Minnesota VMA in 2007. He was honored as Minnesota Veterinarian of the Year (2011) and received its Distinguished Veterinary Service Award (2014). A graduate of the University of Minnesota College of Veterinary Medicine, Dr. Howe established the North Country Equine and Large Animal Medical Center that became the North Country Veterinary Clinic, a mixed-animal practice treating all species. After joining the National Veterinary Associates partnership in 2007, Dr. Howe has continued to be involved in managing the practice. <https://www.northcountryveterinaryclinic.com/> (<https://www.northcountryveterinaryclinic.com/about-us>) See also: <https://www.avma.org/membership/avma-staff-leadership/john-howe-dvm>

Sam Hendrix's Next History Book

It is always a pleasure to share news about members involved in local history projects. After writing an excellent biography of Charles Allen Carey,* the founder of the Auburn University School of Veterinary Medicine several years ago, Sam Hendrix (hendrj1@auburn.edu) has been busy researching the history of street names in

Auburn, Alabama. This background has been compiled into a book entitled, *Auburn: A History of Street Names*. Printing has been delayed because of difficulty in acquiring paper stock, but the book should be available by mid-November. The book details the background stories of 400 of Auburn's streets, how they were named and events that happened along them over the decades. Sam reports, "There are many veterinary references in this book, so it'll be of particular interest to Auburn folks with some affiliation with our College of Veterinary Medicine. In addition, ALL the proceeds from sales will go into a permanent endowment at AU to enable the university's Office of Outreach to provide free enrollment for Auburn youngsters from low-income homes to attend the week-long academic camps AU hosts each summer. Those camps include veterinary camp, various camps in the sciences and engineering, building and architecture, nursing, agriculture, aviation, etc."

For more information, go to Sam's Facebook page or view the archived Discover Auburn Lecture he gave on February 11, 2021, at

<https://archive.org/details/2021feb-11-sam-hendrix>

*Hendrix, Sam. *The Carey Legacy: Dr. Charles Allen Carey, Father of Veterinary Medicine at Auburn and the South*. Auburn: Auburn University, 2018. Order copies from:

<https://www.aubookstore.com/p-17490-the-cary-legacy.aspx>

Call for Michigan State Alumni Photos

Drs. Jan Krehbiel and Fred Derksen are compiling a history of the Michigan State University College of Veterinary Medicine from 1970 to present. They are seeking photographs (with captions) of any aspect of veterinary student life, such as classroom and laboratory experiences, ambulatory and clinical services, events and activities, and much more for possible inclusion in this printed book.

Contact Dr. Krehbiel (krehbiel@msu.edu or 517-676-6283) for more information on the project and submission of original photos, high-resolution scans, or high-quality digital files for possible inclusion.



Meeting and Event Calendar 2022

April 15	Student History Essay Contest Deadline
Aug 31-Sep 03	World Association for the History of Veterinary Medicine 45th International Congress, Brescia, Italy

New AVMHHS Members (as of Oct 2021)

We are pleased to welcome:

Luke Baldwin, DVM, MAM (*Fremont, NE*)

Mike Creel, DVM (*Boaz, AL*)

Robert Knapp, DVM (*Columbus, OH*)

Ruby Perry, DVM, PhD (*Montgomery, AL*)

David Slocum, DVM (*Vancouver, WA*)

Dana Wile (*Martindale, TX*)

Jim Weber, DVM (*Alexandria, KY*)

Alexandra Winter, DVM (*Chicago, IL*)

New AVMHHS Life Members (as of Oct 2021)

Pat Kennedy Arrington DVM (*Louisville, KY*)

Shannon Greeley DVM (*Burbank, IL*)

Susan D. Jones, DVM, PhD (*St. Paul, MN*)

Send news, comments, and suggestions for the next

News & Comment to Dr. Helen Wojcinski

(helenwojcinski@gmail.com), or to AVMHHS Secretary-Treasurer Susanne Whitaker (skw2@cornell.edu or avmhs.info@gmail.com), 23 Wedgewood Drive, Ithaca, NY 14850, phone 607-257-9248.

New Heritage Veterinary Practices

AVMHHS welcomes the following animal hospitals to our Registry of Heritage Veterinary Practices:

Hazel Dell Animal Hospital, Vancouver, WA

Estab. 1961 by Dr. Robert R. Slocum.



Indian Creek Veterinary Hospital, Caldwell, ID

Estab. 1957 by Dr. Gerald Conger



Lane Animal Hospital, Chelsea, MI
 Estab. 1905 by Dr. Charles Chandler Lane



Prairie Valley Veterinary Clinic, Blue Rapids, KS
 Estab. 1970



Slade Veterinary Hospital, Framingham, MA
 Estab. 1946 by Dr. Edward G. Slade



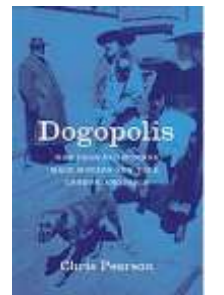
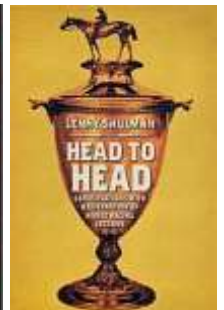
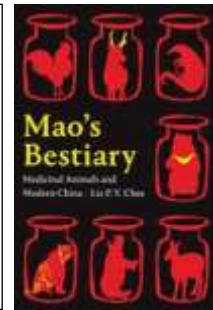
SRH Veterinary Services, Ipswich, MA
 Estab. 1951 by Dr. S. Robert Orcutt



NOTE: Copies of articles on page 9 of this newsletter may be obtained through interlibrary loan services provided by your local college or public library, or from the AVMHS Secretary-Treasurer if unavailable from other sources.

New Books and Videos

Chee LPY. *Mao's Bestiary: Medicinal Animals and Modern China*. Durham: Duke University Press, 2021. 276 pg. ISBN: 9781478011903



De Wailly P, Anglade H, Royer J. *Si Vous Saviez ce que les Animaux n'ont Appris (et ce que leurs maitres m'ont dit)*. [If You Only Knew What Animals Taught me: and What Their Mates Told Me.] Editions Glyphe, 2021. 283 pgs. ISBN 978-2-35285-130-1

Doniger W, Seastrand AL. *Winged Stallions & Wicked Mares: Horses in Indian Myth and History*. University of Virginia Press, 2021. 275 pgs. ISBN 9780813945750

Elliott PA. *Erasmus Darwin's Gardens: Medicine, Agriculture and the Enlightened Sciences*. Boydell & Brewer, 2021. 320 pgs. ISBN 9781783276103

Getzelman T. *Why does this macaroni and cheese taste funny?: a retrospective study of the crazy things that seem to happen to me more often than others*. Hampshire Animal Hospital, 2022. 382 pgs. ISBN 9780578794280

Guerrini A. *Experimenting with Humans and Animals: From Aristotle to Crispr*. 2nd ed. Johns Hopkins University Press, 2022. ISBN 9781421444055

Pearson C. *Dogopolis: How Dogs and Humans Made Modern New York, London, and Paris*. University of Chicago Press, 2021. 259 pgs. ISBN 9780226796259

Shulman L. *Head to Head: Conversations with a Generation of Horse Racing Legends*. University Press of Kentucky, 2021. 221 pgs. ISBN 9780813181271

Recent Journal Articles and Chapters Related to the History of Veterinary Medicine

- Blondeau J. Clinical microbiology laboratories and COVID-19: an interview with Joseph Blondeau. *Future Microbiol.* 2021;16:615-618. doi: 10.2217/fmb-2021-0113. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8186473/>
- Briones V, Pérez-Sancho M. Was ancient Rome the perfect environment for zoonoses transmission? *Travel Med Infect Dis.* 2020;38:101740. doi: 10.1016/j.tmaid.2020.101740.
- Carpenter JW. *Journal of Avian Medicine and Surgery*: History and evolution of a journal. *J Avian Med Surg.* 2020;34(2):119-122. doi: 10.1647/1082-6742-34.2.119.
- Buckley AC, Michael DD, Faaberg KS, et al. Comparison of historical and contemporary isolates of Senecavirus A. *Vet Microbiol.* 2021;253:108946. doi: 10.1016/j.vetmic.2020.108946.
- Diener L. COVID-19 und seine umwelt: von einer geschichte der humanmedizin zu einer ökologischen medizingeschichte? [COVID-19 and its environment: from a history of human medicine towards an ecological history of medicine?]. *NTM.* 2021;29(2):203-211. German. doi: 10.1007/s00048-021-00299-3. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8054680/>
- Dussex N, Stanton DWG, Sigeman H, et al. Biomolecular analyses reveal the age, sex and species identity of a near-intact Pleistocene bird carcass. *Commun Biol.* 2020;3(1):84. doi: 10.1038/s42003-020-0806-7. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7035339/>
- Dye-Braumuller KC, Lynn MK, Nolan MS. History of indigenous *Trypanosoma cruzi* infection in humans, animals and triatomines in California, USA. *Zoonoses Public Health.* 2021;68(4):299-308. doi: 10.1111/zph.12797.
- Ghassabi Gazkouh J, Vakili H, Rezaeian SM, et al. Contagious diseases and its consequences in the Late Qajar Period Mashhad (1892-1921). *Arch Iran Med.* 2020;23(6):414-421. doi: 10.34172/aim.2020.37.
- Gibbons A. How farming shaped Europeans' immunity. *Science.* 2021;373(6560):1186. doi: 10.1126/science.acx9047.
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