

“Devoted to the Diffusion of Veterinary History”

June 2022

CONTENTS:

4th Place (tie) (\$500) Victoria Hoaglin '24
Oklahoma State University
Fish through the Scales of Time - Diving into the Origins of Aquaculture

4th Place (tie) (\$500) Nathan Jackson '24 Kansas State University
Glanders: A History

Honorable Mention Danielle Keerbs '26 Cornell University
One Health, Bushmeat, and Illegal Wildlife Trafficking: An Overview

Because the quality of the 18 essays submitted and ranked by blinded judges was so high, it was determined appropriate to award two 4th place winners and recognize an Honorable Mention this year. All six essays will be published in future issues of *Veterinary Heritage*. According to tradition, the Society will also seek copies of a relevant book to be presented to all students who entered the contest as a symbol of appreciation for their effort.

Sincere thanks is extended to our four judges: Dr. Pat Kennedy Arrington, Sam Hendrix, Dr. Cynthia G. Hoobler, Dr. Linda Schlater, and also to Dr. Susan Aiello, who served as tie-breaker judge. We also wish to extend appreciation to Dr. Jessica Garrett for serving as Committee Chair for the past three contests.

It is also gratifying that our winners' colleges are honoring their students and helping to promote the history contest. In particular, please see the article (scroll down) appearing in the May-June 2022 issue of *Lifelines: News from the College of Veterinary Medicine at Kansas State University* newsletter intended for their college community and alumni at <https://www.vet.k-state.edu/about/news-events-publications/lifelines/2205.html>

2023 Essay Contest Deadline is April 15, 2023

Details are available at <https://www.avmhs.org/essay-contest> or from Dr. Martha Littlefield, Essay Contest Chair (drmarthalittlefield@gmail.com)

Dr. Martha Littlefield New Contest Chair

As of the upcoming 2022-2023 year, Dr. Martha Littlefield (drmarthalittlefield@gmail.com) has volunteered to become the new chair of the Smithcors Essay Contest replacing Dr. Garrett. Dr. Littlefield was Clinical Associate Professor of Anatomy in the Department of Comparative Biomedical Sciences of Louisiana State University College of Veterinary Medicine. She currently is

teaching at St. Matthew's University on Grand Cayman. She was AVMHS President for 2012-2013.



Dr. Martha Littlefield, Photo courtesy Louisiana Tech

REMINDER: Membership Committee Survey

It's not too late to submit your responses to the Membership Committee's survey. It was first distributed to members this past March, but is part of an ongoing, open-ended process.

The objectives of the Membership Committee are to increase membership in our Society, retain existing members, and encourage more member involvement in committees and the board. These three goals are important to ensure the sustainability of the AVMHS.

In order to accomplish these goals, we need YOUR input. Please complete the short 5+ min. online Membership Survey at: <https://form.jotform.com/220724082747052> (Note: Depending on your browser, this survey may take a few minutes to load, so please be patient.)

If you are not able to connect to the internet or have any problems accessing the survey online, contact Dr. Helen Wojcinski, Membership Committee Chair, at helenwojcinski@gmail.com or by telephone 734-730-5565. A printed questionnaire will be mailed upon request to those not using email. Your input is IMPORTANT.

Members of the Membership Committee include Dr. Helen Wojcinski (chair), Drs. Pat Arrington, John de Jong, Shannon Greeley, Jerry Owens, and Bob Treat.

Guideposts for Veterinary Professionals 2022 College Distribution

With academic schedules more normal this year, Dr. Peggy Carter (peggycarterdvm@aol.com) is already distributing copies of *Guideposts for Veterinary Professionals* to colleges for veterinary students in the

US and Canada for the second year. Last year, she shipped 3800 books to 16 veterinary schools.

Members may be interested to know that a suggestion has been made to investigate producing an audio version of our book. If interested, please contact Dr. Susan Aiello

Print 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>

Where is *Veterinary Heritage*?

The June issue is currently in page design and should go to the printer shortly for mailing later in July. Thank you for your patience.

History Column Murals at Texas Tech SVM

Congratulations are extended to Texas Tech University on the official ribbon cutting held on April 22, 2022, for its new School of Veterinary Medicine in Amarillo, Texas (<https://www.depts.ttu.edu/vetschool/>).

AVMHS member Dr. Ronald D. Warner (Ronald.Warner@ttuhsc.edu), Professor Emeritus (epidemiology), reports that their DVM program is “off and running” and the inaugural class has now completed its first year. They look forward to welcoming the second class of 88 students the second week of August.

Dr. Warner also provides background on some spectacular historical column murals. He writes, “Thanks for your March 2022 issue of AVMHS’s *Interim News& Comment*. I appreciated the new mural at Kansas State University and wanted to share with you the 14 “veterinary “history” columns recently installed at the “Headquarters” building of our new TTU School of Veterinary Medicine in Amarillo, TX. These panels fit between the floor-to-ceiling windows in the hallway of the building’s East wing, telling an ‘annotated story’ of both U.S. and Texas veterinary history. You may want to increase the file size to 300-400%.”

Columns 1-4 relate to the “History of American Veterinary Medicine,” Columns 5-8 to the “History of Veterinary Medicine in Texas,” and the remaining Columns 9-14 cover the “History of the Texas Tech University School of Veterinary Medicine.” **Enlarged images of columns 1-10 are shown on pages 8-9 below.**

Dr. Warner extends an invitation to one and all to visit their school and view the columns up close and personal.



AVMHS Virtual Board Meeting, December 13

On December 13, 2021, from 7-9pm EST, a virtual Board Meeting was convened by President Pat Arrington via Zoom videoconferencing. In addition to committee updates and introductions of new board members, Dr. Karen Hassan provided an overview and update on the status of the Fort Ord Equine Foundation’s bid to establish a living museum in Marina, California.

There was also discussion about how to handle periodic inquiries regarding vintage veterinary instruments, books, and other memorabilia and what assistance the Society could offer. Rather than establishing a new committee, the present Museum Committee will investigate this matter and compile some suggestions regarding maximizing these older items.

In response to a presentation regarding approval for AVMHS to serve as publisher for a small book on the lives of five 19th-century Irish veterinarian brothers, a more specific cost estimate will be needed.

Those present also talked about whether the Society should host a booth at the AVMA convention in Philadelphia this summer.

2022 WAHVM Congress in Brescia, Italy

The 45th International Congress sponsored by the World Association for the History of Veterinary Medicine (WAHVM) and Italian Association for the History of Veterinary Medicine and Farriery will be held on August 31-September 3, 2022, in Brescia, Italy.

Please see flier and other information at:

https://www.wahvm.co.uk/files/ugd/abced2_9ed41095ca514487bb2ab4388c341fa8.pdf



Topics for presentations include:

1. History of Animals, Veterinarians, and the Military
2. Historical Intersections of Human, Animal and Environmental Health
3. Free Topics
4. Informal Contributions

“Informal Contributions” is a new category for short papers or posters that discuss memories, anecdotes, oral histories, and biographies.

The daily schedule of speakers and topics is available at https://www.wahvm.co.uk/files/ugd/abced2_a0ef23a92dda4ebcb468d6cafe755760.pdf

AVMHS members are encouraged to join WAHVM individually and, if interested, to attend this and future biennial congresses. Not only would the presentations be informative, but this forum provides an international opportunity to meet veterinary historians and colleagues in person from around the world in pleasant settings.

Early registration ends on June 30 and regular registration on July 31. See payment schedule and travel accommodations on the website.

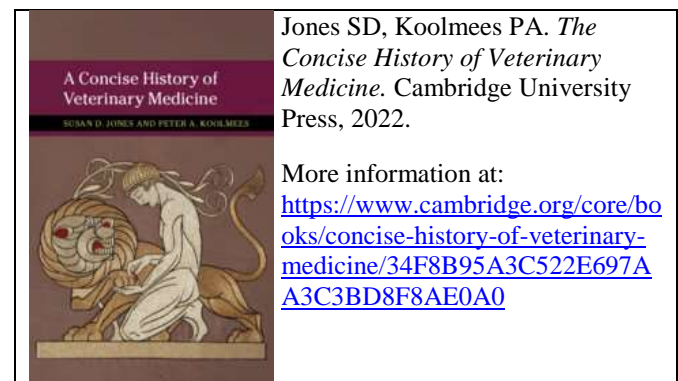
Pre-Publication Announcement

This August, the online version of the latest book on veterinary history will be released by the Cambridge University Press. Titled *A Concise History of Veterinary Medicine*, it has been compiled by authors Susan D. Jones and Peter A. Koolmees and is a volume in the series, “New Approaches to the History of Science and Medicine.” A print version will follow later but can already be preordered in hard or soft cover.

AVMHS past president and life member Dr. Jones is professor at the University of Minnesota while Dr. Koolmees is on the faculty at the Universiteit Utrecht in

The Netherlands. They convey expert knowledge about veterinary medical history in a single volume that should be of considerable value to veterinarians, students, and anyone in understanding the history of this field.

The description states, “In this broad-ranging and accessible study spanning 400 years of history, Susan D. Jones and Peter A. Koolmees present the first global history of veterinary medicine and animal healing. Drawing on inter-disciplinary perspectives, this book addresses how attitudes toward animals, disease causation theories, wars, problems of food insecurity and the professionalism and spread of European veterinary education have shaped new domains for animal healing, such as preventive medicine in intensive animal agriculture and the need for veterinarians specializing in zoo animals, wildlife, and pets. It concludes by considering the politicization of animal protection, changes in the global veterinary workforce, and concerns about disease and climate change. As mediators between humans and animals, veterinarians and other animal healers have both shaped, and been shaped by, the social, cultural, and economic roles of animals over time.”



Meeting and Event Calendar 2022

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| July 18 | AVMHS 45 th Annual Program and Business Meeting |
| Aug 31-Sep 3 | World Association for the History of Veterinary Medicine 45th International Congress, Brescia, Italy |

2023

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| April 15 | Student History Essay Contest Deadline |
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New AVMHS Members (as of June 23)

We are pleased to welcome:

Emily Lawless (*Oxford, NC*)

New AVMHS Life Members (as of June 23)

Jacqueline Paritte, DVM (*Asheville, NC*)

New Registry of Heritage Veterinary Practices

** no new practices to list at this time**

New Books and Videos

Benedict, Carol. *Bubonic Plague in Nineteenth-Century China*. Stanford, CA: Stanford University Press, 2022. 280 pgs. ISBN:

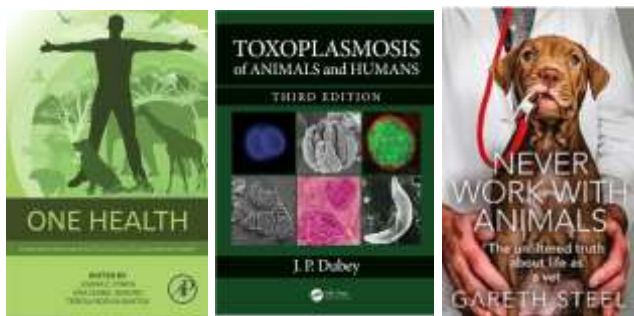
Brecher, W. Puck. *Animal Care in Japanese Tradition: A Short History*. Ann Arbor, MI: Association for Asian Studies, 2022. 124 pgs. ISBN: 9781952636271



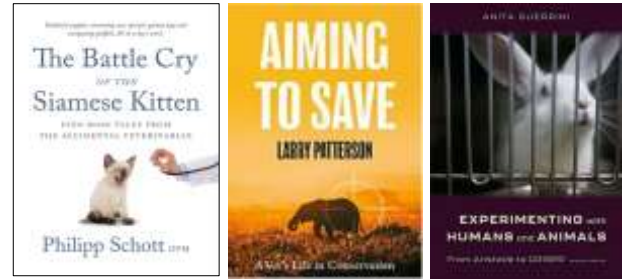
Craddock, Paul. *The Story of Medicine Through the History of Transplant Surgery*. 1st US Ed. New York, NY: St. Martin's Press, 2022.

Cunningham, Andres. *"I follow Aristotle": How William Harvey Discovered the Circulation of the Blood*. Abingdon, Oxon, UK; New York, NY: Routledge, 2022. ?? pgs. ISBN: 9781032162232

Dubey, J.P. *Toxoplasmosis of Animals and Humans*. 3rd ed. Boca Raton, FL: CRC Press, 2022. ? pgs. ISBN: 9781000431476 Chapter 1: "Introduction and history of *Toxoplasma gondii*"



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



Knab, Cornelia. *Pathogens Crossing Borders: Global Animal Diseases and International Responses, 1860-1947*. Abingdon, Oxon, UK; New York: Routledge, 2022. (Routledge studies in the history of science, technology and medicine, v. 45) ?? pgs. ISBN: 9780367471880

Mader, Douglas R and Kevin T. Fitzgerald. *The Vet at Noah's Ark: Stories of Survival at an Inner City Animal Hospital*. New York, NY: Apollo Publishers, 2022. 370 pgs. ISBN: 781954641044

Patterson, Larry. *Aiming to Save: A Vet's Life in Conservation*. Kibworth: The Book Guild Publishing, 2022. ?? pgs. ISBN: 9781914471469

Pocza, Péter. *Heredity Before Mendel: Fetics and the Question of Sheep's Wool in Central Europe*. 1st ed. Boca Raton, FL: CRC Press, 2022. ?? pgs. ISBN: 9781032027432

Prata, Joana C, Ribeiro, Isabel, and Teresa Rocha-Santos, eds. *One Health: Integrated Approach to 21st Century Challenges to Health*. London: Elsevier Academic Press, 2022. ?? pgs. ISBN: 9780128227947

Schott, Philipp. *The Battle Cry of the Siamese Kitten: Even More Tales from the Accidental Veterinarian*. Toronto: ECW Press, 2022. ?? pgs. ISBN: 9781770416697

Steel, Gareth. *Never Work with Animals: The Unfiltered Truth about Life as a Vet*. London: HarperElement, 2022. ?? pgs. ISBN: 9780008466596

Vitali, Augusto and Simone Pollo. *Human/Animal Relationships in Transformation Scientific, Moral and Legal Perspectives*. Cham, Switz.: Springer International Publishing AG, 2022. 413 pgs.

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Send news, comments, and suggestions for the next *News & Comment* to Dr. Helen Wojcinski helenwojcinski@gmail.com, or to AVMHS Secretary-

Treasurer Susanne Whitaker, 23 Wedgewood Drive,
Ithaca, NY 14850-1064, phone 607-257-9248 or email
skw2@cornell.edu or avmhs.info@gmail.com.

“The farther backward you look, the farther forward you
are likely to see.”

Winston Churchill (1874-1965)

Contents of Recent Veterinary History Journal Issues

Copies of articles 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.

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

Anderson KN, Deen J, Karczewski J, et al. History and best practices of captive bolt euthanasia for swine. *Transl Anim Sci*. 2022 May 23;6(2):txac065. doi: 10.1093/tas/txac065. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9217757/>

Andrades Valtueña A, Neumann GU, Spyrou MA, et al. Stone Age *Yersinia pestis* genomes shed light on the early evolution, diversity, and ecology of plague. *Proc Natl Acad Sci USA*. 2022 Apr 26;119(17):e2116722119. doi: 10.1073/pnas.2116722119. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9169917/>

Bolman B. Dogs for life: Beagles, drugs, and capital in the Twentieth Century. *J Hist Biol*. 2022 Mar;55(1):147-179. doi: 10.1007/s10739-021-09649-2.

Brockhurst JK, Villano JS. The role of animal research in pandemic responses. *Comp Med*. 2021 Oct 1;71(5):359-368. doi: 10.30802/AALAS-CM-21-000062. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8594262/>

Durey JF. Vivisection through the eyes of Wilkie Collins, HG Wells and John Galsworthy. *Med Humanit*. 2021 Sep;47(3):333-343. doi: 10.1136/medhum-2020-011868.

Falcetta P, Aragona M, Bertolotto A, et al. Insulin discovery: A pivotal point in medical history. *Metabolism*. 2022 Feb;127:154941. doi: 10.1016/j.metabol.2021.154941.

Gibbons A. Ancient DNA reveals long-sought homeland of modern horses. *Science*. 2021 Oct 22;374(6566):384-385. doi: 10.1126/science.acx9390.

Holoyda BJ. Bestiality law in the United States: evolving legislation with scientific limitations. *Animals (Basel)*. 2022 Jun 12;12(12):1525. doi: 10.3390/ani12121525. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9219431/>

Ikle JM, Gloyn AL. 100 years of insulin: a brief history of diabetes genetics: insights for pancreatic beta-cell development and function. *J Endocrinol*. 2021 Jul 22;250(3):R23-R35. doi: 10.1530/JOE-21-0067.

Jones GC. Veterinary history and the development of human relationships with animals. *Vet Rec*. 2022 Jan;190(2):84. doi: 10.1002/vetr.1420.

Kahn CR. “100 Years of progress in understanding insulin, its mechanism of action, and its roles in disease and diabetes therapy.” *Mol Metab*. 2021 Oct;52:101318. doi: 10.1016/j.molmet.2021.101318. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8513140/>

Lange C, Aaby P, Behr MA, et al. 100 years of *Mycobacterium bovis* bacille Calmette-Guérin. *Lancet Infect Dis*. 2022 Jan;22(1):e2-e12. doi: 10.1016/S1473-3099(21)00403-5.

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- Marković M, Mezzatesta E, Porcier S, et al. Rethinking the process of animal mummification in Ancient Egypt: molecular characterization of embalming material and the use of Brassicaceae seed oil in the mummification of gazelle mummies from Kom Mereh, Egypt. *Molecules*. 2022 Feb 24;27(5):1532. doi: 10.3390/molecules27051532. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8912108/>
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- Penrith ML, Kivaria FM, Masembe C. One hundred years of African swine fever: A tribute to R. Eustace Montgomery. *Transbound Emerg Dis*. 2021 Sep;68(5):2640-2642. doi: 10.1111/tbed.14183.
- Petetta F, Ciccocioppo R. Public perception of laboratory animal testing: Historical, philosophical, and ethical view. *Addict Biol*. 2021 Nov;26(6):e12991. doi: 10.1111/adb.12991
- Robertson LA. The vanishing link between animalcules and disease before the 19th century. *FEMS Microbiol Lett*. 2022 Feb 24;369(1):fnac022. doi: 10.1093/femsle/fnac022.
- Rostène W, De Meyts P. Insulin: a 100-year-old discovery with a fascinating history. *Endocr Rev*. 2021 Sep 28;42(5):503-527. doi: 10.1210/endrev/bnab020.
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- Wadiwala IJ, Garg P, Yazji JH, et al. Evolution of xenotransplantation as an alternative to shortage of donors in heart transplantation. *Cureus*. 2022 Jun 24;14(6):e26284. doi: 10.7759/cureus.26284. *PubMed Central*, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9230910/>

