



INTERIM NEWS & COMMENT

September, 2009

Dr. Phyllis H. Larsen, reporter

Seattle AVMHS Meeting

Following the business meeting at Seattle on July 13, Charlie Powell, Public Information Officer at the Washington State University College of Veterinary Medicine, gave a brief history of veterinary medicine in the state of Washington. He filled it with lively anecdotes, such as the state’s veterinary disaster plan that includes volcanic eruption and mudflow, the college’s nautical heritage that is still present in the teaching of large animal casting, and examples of Dean Leo Bustad’s behaving like a terrier in support of his college.



Photos by Vicki Croft

A summary of the meeting appears on page 810 in the October 1, 2009 convention issue of *JAVMA*.

AVMHS Booth at Seattle

Secretary/Treasurer Susanne Whitaker produced three posters showing Heritage Veterinary Practices in Pennsylvania, Georgia, and New York. Another poster asked attendees at the AVMA Convention, “How Old Is

Your Practice?” Visitors took away brochures about our Society’s Heritage Veterinary Practices project, and material on how to register a practice at least 50 years old.

Although the educational booths like ours were hard to find, our Society’s stayed busier than most. In addition to Susanne, frequent helpers included President Al Moore, Webmaster Robert McClure, President-elect Howard Erickson, and Phyllis Larsen. Especially appreciated was Cheryl Moore, who staffed it during the annual meeting.

Texas Regional Meeting, March 6, 2010

We are pleased to announce that Past President Al Moore is making arrangements for an interesting regional history meeting to be held in conjunction with the Texas Veterinary Medical Association on March 6, 2010 at Texas A & M University, College Station, Texas. All members are welcome and encouraged to attend. The tentative program is as follows:

- 9:00 am Welcome: J. Alford Moore, DVM
- 9:15 am Texas Fever and the Origins of Veterinary Medicine in Texas
Joe E. West, DVM, MS, Ph.D., Col., USAF, Veterinary Corps (Ret.), TVMDL, TAMU System (Ret.)
- 10:00 am Who is Dr. Mark Francis?
Joe Jaros, Veterinary Historical Collection Librarian, Medical Sciences Library, TAMU
- 11:00 am History of The College of Veterinary Medicine Texas A&M University
J. D. McCrady, DVM
- 12:00 am TVMA HISTORICAL LUNCHEON
- 1:30 pm Texas and Animal Plagues: Foot And Mouth Disease, 1924-1925
Thomas G. Murnane, DVM. DACVPM
- 2:30 pm Texas Animal Health Commission: A Brief History
Dee Ellis, DVM, MPH Assistant Executive Director, Animal Health Programs

- 3:30 pm Texas Veterinary Heritage Practices:
Charles R. Pipes, DVM, DABVP,
Chairman TVMA Historical Committee
- 4:15 pm Historical Tour of the College of
Veterinary Medicine TAMU
Oscar Woytek, DVM, Senior Director of
Development CVM, TAMU



Additional Programs in Other Venues

The annual business meeting decided more issues than usual, projecting busy times ahead. Encouraged by Dr. Howard Erickson's very successful AVMHS program at Kansas State University in June, it was decided to hold similar events at other locations than the annual AVMA conventions. Already, we are seriously pursuing a regional program at TAMU in March next year.

In addition for 2012, AVMHS has been invited by Canadian member, Dr. J. Brian Derbyshire, to present a program related to the Ontario Veterinary College's 150th anniversary. Dean Elizabeth Stone of OVC has organized the content of the 2012 symposium under the theme, "International Veterinary Medicine." To work with Dr. Derbyshire on our program, the annual meeting welcomed two additional volunteers, former AVMHS President Dr. Zbigniew Wojcinski and his wife, Dr. Helen Wojcinski, both OVC graduates.

If you know of a promising venue for an AVMHS program in the future, please pass the word to our Secretary-Treasurer at skw2@cornell.edu.

World Veterinary Year

At Seattle President Howard Erickson reported on the AVMA National Veterinary 2011 Committee. He and President-elect Russell Carrier are now both serving on this body. It is charged with finding ways for veterinary organizations in this country to promote Vet 2011, "World Veterinary Year", primarily begun by French colleges. The plan is to recognize, world-wide, the origin of the formal education of veterinarians by Claude Bourgelat when he founded the French veterinary college at Lyon in 1761.

Members of the AVMA National Veterinary 2011 Committee include representatives of many veterinary organizations. AVMHS members or retirees from practice organizations such as the AABP, the AAEP, AAHA, AASV, AZVMA, as well as government agencies such as the US Army, the CDC, the FDA, and agencies of the USDA, could well be sources of historical information for such groups.

The Committee has already met by conference call. During the September 14 conference call, there was a round-robin of potential plans. Howard reported that AVMHS is in the initial stages of creating a program with Iowa State University for Vet 2011 as Iowa State is the oldest veterinary college in the United States. Additional AVMHS plans for 2011 could include an exhibit booth that focuses on the veterinary school at Lyon and Dr. Claude Bourgelat.

If you have ideas or want to be ready to help, please share them with President Howard Erickson at Erickson@vet.ksu.edu.

So, it appears that numerous ways to feature veterinary history are surfacing. If you would like to take part in any to which AVMHS is invited, or if you know of other groups that our Society could work with, please contact Secretary/Treasurer Susanne Whitaker at skw2@cornell.edu or 607-253-3499.

Registry of Heritage Veterinary Practices

Lesley Ann Gentry, Chair of the Heritage Veterinary Practices Committee, has been sending letters by Immediate Past President Al Moore to the state veterinary associations asking them to make the registry known to their members, and referring them to our website www.cvm.missouri.edu/avmhs. You may also contact Ms. Gentry at lgentry@nckcn.com or 785-738-3207. As of now, we have received registry inquiries or applications from 16 practices, ranging in age from 54 to 165 years.

We welcome new Registry members:

Emerson Veterinary Clinic & Hospital, Eagle Grove, Iowa, estab. 1940

Novak Veterinary Clinic, Lost Springs, Kansas, estab. 1955

As an AVMHS member, you also are needed to pass the word of this project along to practitioners or let us know of any we should contact.

A Century of Women Veterinarians

A request by the Association for Women Veterinarians Foundation (AWVF) to help it celebrate a century of women veterinarians in America was agreed to at our annual meeting. AVMHS will provide exhibits about two 1910 graduates, Dr. Elinor McGrath (Chicago Veterinary College) and Dr. Florence Kimball (Cornell). Since then, President Howard Erickson has also been asked to give an hour's presentation at next year's AWVF portion of the AVMA Personal and Professional Development section. For the AWVF announcement of a one-time essay contest in 2010, see the essays section below.

History Essay Contests in 2010

Dr. Russ Currier, chair of our J.F. Smithcors Student Veterinary History Contest, has readied material to mail to the veterinary colleges. The deadline date for essays will be April 1, 2010. To understand our contest and to refer interested students to it, use the AVMHS web site www.cvm.missouri.edu/avmhs. If you have questions or suggestions, contact Dr. Currier at 515- 710-2331, or at ruscurrier@yahoo.com.

In recognition of a century of U.S. women in veterinary medicine, the Association for Women Veterinarians Foundation is also conducting a one-time essay contest during the 2009-2010 academic year. Its subject is limited to women veterinarians, and its deadline is January 31, 2010. For details about the AWVF essay contest, see www.vet.ksu.edu/awvf/, or contact Dr. Stacy Pritt at stacy.pritt@bbraun.com, or 949-943-9235.

Dr. Currier has consulted with the AWVF and is announcing its contest to the colleges along with our usual Smithcors contest, which continues to be funded by Merck & Company. He is making it clear that students are welcome to enter both contests, but should not submit the same essay to both AWVF and AVMH in 2010.

WAHVM in TURKEY in 2010

Lesley Ann Gentry, our Society's delegate to the World Association for the History of Veterinary Medicine, reports that the next WAHVM Congress will meet in Antalya, Turkey on September 20-23, 2010. One theme will be "*Bridging ages in veterinary education*" (with special focus on "The historical developments of scientific disciplines in veterinary education"). A second theme will be "*East Meets West: the history of intercontinental veterinary medicine and animal disease*". And finally, there is the usual opportunity for

us to offer unspecified "*Free communications*". Registration and other details will be provided as they become available in the near future.

Vroegindewey Speaks at Auburn

Last March, the 102nd Annual Veterinary Conference at the Auburn University College of Veterinary Medicine was announced by a postcard designed as a "passport" to "your access to veterinary medicine around the world." Auburn chose as its keynote speaker Colonel Gary A. Vroegindewey, DVM, ACVPM. At work for the U.S. Army Veterinary Corps, he deploys veterinarians around the world. At home, he has served on committees and councils of the AVMA and the Association of American Veterinary Medical Colleges. And of course, Dr. Vroegindewey was AVMHS President four years ago, at which time he proposed a heritage veterinary practice project -- deep local roots to balance an international job.

New Members

We are pleased to welcome new members:

- *Dr. Warwick Bayly, Pullman, WA
- *Dr. Richard DeBowes, Pullman, WA
- Mrs. Vicki Croft, Pullman, WA
- Dr. Jack R. Horton, Columbia, MO
- Dr. William V. Lumb, Fort Collins, CO
- Dr. Frederick A. Murphy, Galveston, TX
- *Mr. Charlie Powell, Pullman, WA
- *Dr. Robert C. Sartori, Sun Prairie, WI
- Mr. Junya Yasuda, Tokyo, Japan

*Gift memberships donated by Dr. Howard Erickson.

Dr. Fred J. Born Veterinary Office Dedication, July 11, 2009

On a beautiful Saturday July 11 at The Galloway House and Village in Fond du Lac, WI, a group of over eighty people gathered for the dedication ceremony of the Dr.



Fred J. Born Veterinary Office Museum in honor of a local (retired) veterinarian.



Dr. Born speaking at the dedication

Dr. Born, a long-time member and former president of the Fond du Lac County Historical Society, former president of the NEWVMA, as well as a current board member of the American Veterinary Medical History Society, was recognized for his efforts at preserving a vital part of veterinary medical history by the naming of the Wisconsin Veterinary Medical Association's "Turn of the Century" Veterinary Museum as "Dr. Fred J. Born Veterinary Office."

The idea for the Wisconsin Veterinary Medical Association's Veterinary Museum began in 1970 with a small group of veterinarians in Milwaukee, including: Drs. Fred Born, Burke Robinette (of Coleman), Quint Metzger (of Oshkosh) (current lifetime NEWVMA members) and Burr Nussdorfer (of Sparta). In 1976, Dr. Born was appointed Chairman of the WVMA Historical Committee which spearheaded efforts to open the museum. Dr. Born held this position for 25 years, the longest committee chairmanship in the history of the WVMA.

On June 4, 1977, with cooperation between the WVMA and the Fond du Lac County Historical Society, the Veterinary Museum at the Galloway House and Village was opened with an assortment of veterinary textbooks, diplomas, equipment and medication from the mid 1800s to early 1900s. Over 500 textbooks and 800 instruments were donated from Wisconsin, across the United States and Canada.

The Dr. Fred J. Born Veterinary Office is open for visitors as a part of The Galloway House and Village exhibit run by the Fond du Lac County Historical Society. It and the other twenty-nine buildings of historical interest from the 1860-1920 time period are open May 1st- September 30th from 10 am to 5 pm daily.

A Remembrance, by Frank F. Katz, PhD

I am sorry to have learned of the death of the preeminent veterinary pathologist and historian, Leon Z. Saunders (AVMHS *Interim News & Comment*, June 2009, p. 3). He was instrumental in my obtaining a PhD degree, and I have always been indebted to him for that. What follows are recollections that explain that statement and serve as a testimonial.

In the spring of 1955, I began my doctoral dissertation research in the Department of Parasitology in the University Of Pennsylvania School Of Veterinary Medicine under the direction of George L. Graham, DSc. The problem I worked on was basically the alteration of the heterogenic (i.e., free living) generation of the life cycle of the intestinal threadworm (Nematoda), *Strongyloides papillosus*, by irradiation. The radiation source I had access to at Penn was an x-ray machine of low emission located in a large animal operating room. It soon became apparent that it would be difficult if at all possible to accomplish our goal with this equipment and its physical setup.

Fortunately, by chance, I saw an advertisement from the Brookhaven National Laboratory in Upton, Long Island, New York announcing openings for graduate students and researchers to do their work there especially if such investigations involved irradiation. I applied and, in the evaluation process of applications, Dr. Saunders reviewed mine and accepted me to conduct my studies in his laboratory.

I left Philadelphia for Upton in the beginning of the summer of 1955 not only with my personal effects but with one or two live rabbits that had been inoculated with infective larvae of *S. papillosus* derived from sheep that were maintained at the Veterinary School. The rabbit was in a carrying cage with wire walls and could be readily seen by the other travelers (if they cared to look) on the public transportation vehicles, including the Long Island Railroad, that I took.

Upon my arrival at the BNL, Dr. Saunders arranged for the housing and needs of the rabbit; was involved in the arrangements for my dormitory room; showed me the

area of the laboratory where I would work; and provided me with the microscopes and initial general laboratory equipment that I would need to get started. As the work progressed and developed, he obtained for me the rabbits to maintain the parasitic phase of the life cycle and supplies I needed for the cultures and experiments on the extracorporeal organisms.

The appointment I had was originally to be just for the summer, but little progress was made in that period using x-ray equipment. Dr. Saunders and the BNL administration then kindly extended the appointment for the 1955-56 academic year during which time the worms were subjected to a high radiation source, cobalt-60, permitting the project to be completed that year and leading to the awarding of the degree.

What I learned while I was in Dr. Saunders' laboratory went far beyond that which concerned my own studies. I had the rare opportunity to observe and become informed by him about his own research. One study of his dealt with the hereditary diseases of the eyes of dogs for which his technician made the most exquisite histological preparations. Another was a major manuscript he was writing on the diseases of fish. I also learned from him about the field of veterinary pathology. I don't recall Dr. Saunders speaking about the relationships of veterinary and human medicine, referred to as "one medicine -- one pathology" in recent literature, but one could readily conclude the connection from talks with him and taking note of what he did in his laboratory.

In the years after my association with the BNL I would, on an occasion, read something about Dr. Saunders' professional activities or his publications but did not speak with him or see him until 6 May 1999 at the program of the American Veterinary History Society in conjunction with the meeting of the American Association for the History of Medicine in New Brunswick, New Jersey.* Our greetings and conversation were brief but I had the pleasure of again being with Leon Saunders who had been so helpful to my professional development and success. I shall forever be grateful for that.

* **Reporter's note:** For several years during the 1990s, Dr. Susan D. Jones arranged for such AVHS programs in conjunction with the American Association for the History of Medicine (AAHM). We are happy that, by chance, our Society has a picture (below) of the time that Dr. Katz again encountered his early mentor, Dr. Saunders, at one of those programs held in 1999 at

New Brunswick, New Jersey. That program was titled "Strategies for Survival: Women Entering Veterinary Medicine, 1900-1960."

Dr. Katz' testimonial also reminds us that individuals can influence history, not only by holding influential positions and publishing new knowledge, but also by personally serving as encouraging teachers and colleagues.



l. to r.: (seated) Dr. Leon Z. Saunders, Dr. Patricia O'Connor Halloran, Dr. Phyllis Hickney Larsen; (standing) Dr. Elizabeth Atwood Lawrence, Dr. Estelle Hecht Geller, unknown guest, Dr. Frank F. Katz, and Dr. Susan D. Jones.

German Veterinary History Congress 2009

Univ.-Prof. Dr. Johann Schaeffer reports that the 15th Annual Conference of the Dept. of History of the University of Veterinary Medicine, Hannover and of the History Section of the German Veterinary Medical Society will be held on 14 November 2009 in Berlin at the Estrel Convention Center. Contact Dr. Schaeffer for information about the program and registration at johann.schaeffer@tiho-hannover.de

New Books

Brakke Consulting. *The U.S. Animal Health Industry: Its Pioneers and Their Legacy of Innovation*. Advanstar Communications, 2009. 144 pgs. \$35.00 plus p&h <http://www.brakkeconsulting.com/HistoryBook.aspx>

Brown, Karen and Daniel Gilfoyle. *Healing the Herds: Disease, Livestock Economies, and the Globalization of Veterinary Medicine*. Athens: Ohio University Press, 2009. ISBN: 9780821418840

Carter, Craig Nash and Cynthia Gregg Hoobler. *One Man, One Medicine, One Health: the James H. Steele Story*. [Charleston, SC]: C.N. Carter, 2009. 471 pgs. ISBN: 9781439240045

Greene, Ann Norton. *Horses at Work: Harnessing Power in Industrial America*. Cambridge, MA: Harvard University Press, 2008. 322 pgs ISBN: 9780674031296

Ho, Judith, Jean A. Larsen, Kristina M. Adams. *Horses in History Bibliography*. [Beltsville, MD]: USDA, NAL, Animal Welfare Information Center, Aug. 2009. AWIC resource series, no. 44
<http://hdl.handle.net/1030.28/NAL111113c>

Sartori, Robert C. *Doc's Tales: Fifty Years of Veterinary Medicine*. 1st ed. Los Angeles, CA: Satori Productions, 2009. 141 pgs. ISBN: 9781441469632

Sommer, Barbara W., Mary Kay Quinlan. *The Oral History Manual*. 2nd ed. Lanham, MD: AltaMira Press, 2009. 121pgs. ISBN: 9780759111585

University of Melbourne. School of Veterinary Science. *Celebrating 100 Years Since the Opening of the University of Melbourne Veterinary School*. [Parkville, VC]: University of Melbourne, Melbourne School of

Veterinary Science, 2009. DVD + 16pgs booklet titled, *First in Australia. Looking to the Future, Learning from the Past*. DVD contains a brief pictorial history of the University of Melbourne Veterinary School since 1909.

Vietmeyer, Noel. *Borlaug: the mild-mannered maverick who fed a billion people. vol.2: Wheat Whisperer, 1944-1959*. Lorton, Va: Bracing Books, 2009.
<http://www.BracingBooks.com> This latest volume covers Nobel Prize and Congressional Gold Medal winner Norman Borlaug's fight to provide food for desperately hungry Mexico, including a re-telling of the great foot-and-mouth disease eradication campaign.

Yonick, Kim, Rachel Sylver, Donald Francisco. *Donald Francisco, U.S. Veterinary Corps.-WWII* [Interview]. [Rochester, MI]: Oakland University, 2009. DVD (ca 62 min). Donald Francisco is interviewed about his wartime experiences in the U.S. Veterinary Corps as part of the Library of Congress's Veterans History Project.

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Send news, comments, suggestions for the next *News & Comment* to: Dr. Phyllis H. Larsen, 1675 Ellis Hollow Road, Ithaca, NY 14850, or phone/fax 607-539-6181, email PHL9@cornell.edu or to the Secretary/Treasurer at skw2@cornell.edu, fax: 607- 253-3080 or phone: 607-253-3499.

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.

Historia Medicinae Veterinariae. V. 33, no.3, 2008 (pgs.81-112)

Blancou, Jean. Early reports on aquatic animal diseases...83-100.

Rudik, S.K. and O.L. Manuylenko. Contribution to the Kyivo-Moyglans'ka Academy graduates to the development of science and education in Eastern Europe...101-110.

15th Annual Conference, "Animal Healers" past and present...82.

"Tierheilkundige" in Geschichte und Gegenwart....11.

Thanks to the generosity of our new student member, Junya Yasuda, and the Japanese Society of Veterinary History, AVMHS has received copies of issues of *Japanese Journal of Veterinary History* from no. 39, 2002 to no. 46, 2009. Listed below are the contents of several recent issues.

Japanese Journal of Veterinary History. No. 46, February 2009 [Japanese with English summaries]

Hasegawa, A. Milestones on the way of diagnosing human and animal diseases....1-10.

Tsukamoto, K. History of avian influenza in Japan....11-19.

Watanabe, M. History of laser application in veterinary medicine and medical sciences in Japan....20-30.

Wakuri, H. A consideration on the horse of the islands northland and the problem of modern agric... in Japan...31-45.

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Japanese Journal of Veterinary History. No. 45, February 2008 [Japanese with English summaries]

Ishida, T. History of feline medicine in Japan...1-63.
 Hirayama, N. History of veterinary vaccines in Japan...64-89.
 Tojinbara, K. Development of the first rabies vaccine for human in Japan...90-102.
 Suwa, T. Alteration of the names for the infectious diseases of domestic animals in Japan...103-111.
 (Memorial Lectures for the 35th Anniversary of the Establishment of the Society)
 Tsukamoto, K. Outbreaks of highly pathogenic avian influenza in Japan and present situation of the human infection....112-114.
 Hirayama, N. History of veterinary vaccines in Japan (see pgs. 64-89)....114.
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 Kozasa, M. [Notes] Tombstone of Ozasa Genzou's dog in the 9th of Meiji (1876)...119-123.
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Japanese Journal of Veterinary History. No. 44, February 2007 [Japanese with English summaries]

Kurabayashi, K. A history of canine medicine in Japan....1-35.
 Ohashi, Y. Historical changes on the animal quarantine organization and its role in Japan...36-45.
 Yasuda, J. The meaning of Emperor Meiji's attendance to the opening ceremony of Imperial College of Agriculture...46-53.
 Kozasa, M. [Notes] Tombstone of Kato Kozaemon's dogs in the 7th of Tenmei (1787)...54-58.
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 Nakai, K. A veterinarian's observation on the medieval pictorial scrolls (12)...72-76.
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Veterinary History (U.K.) vol. 15, no.1, 2009

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 Jochle, Wolfgang. History of non-surgical contraception in dogs and cats....16-30.
 Simonds, James Beart. Autobiography, pt.2....31-42.
 Rasmussen, Folke. The Royal Veterinary School Copenhagen 1773....43-50.
 Tello, Cesar. Atropa belladonna....51-56.
 Raymer, M.M. The Royal College of Veterinary Surgeons in wartime (1939-1945) and post war....57-61.
 Atkinson, Pat. The family of James Raine: a remarkable blacksmith....62-67.
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 Book announcement: Preece, Rod. Sins of the Flesh: A History of Ethical Vegetarian Thought.....85.
 Letter to the editor; Broberg, John O. A pig chocked by a fish....86.
 Jones, Bruce V. Tailpieces: horse whisperers.....87-88.

Additional Journal Articles Related to Veterinary History

- Aiken ID. The journal of comparative pathology from 1943 to 2008. *Journal of Comparative Pathology*. 2008 Nov;139(4):160-8.
- Alexander DJ, Brown IH. History of highly pathogenic avian influenza. *Revue Scientifique et Technique [OIE]*. 2009 Apr;28(1):19-38.
- Chapman HD. A landmark contribution to poultry science—prophylactic control of coccidiosis in poultry. *Poultry Science*. 2009 Apr;88(4):813-5.
- Chesney RW, Hedberg G. Rickets in lion cubs at the London Zoo in 1889: some new insights. *Pediatrics* 2009 May;123(5):e948-50.
- Chessa B, Pereira F, Arnaud F, et al. Revealing the history of sheep domestication using retrovirus integrations. *Science*. 2009 Apr 24;324(5926):532-6. Comment in: *Science*. 2009 Apr;324(5926):478-9.
- Cromwell GL. ASAS centennial paper: Landmark discoveries in swine nutrition in the past century. *Journal of Animal Science*. 2009 Feb;87(2):778-92.
- Day MJ. One health and the legacy of John M'Fadyean. *Journal of Comparative Pathology*. 2008 Nov;139(4):151-3.
- Funk DJ, Parrillo JE, Kumar A. Sepsis and septic shock: a history. *Critical Care Clinics*. 2009 Jan;25(1):83-101. [Entire issue is devoted to historical aspects of critical care.]
- Lauderdale JW. ASAS centennial paper: Contributions in the *Journal of Animal Sciences* to the development of protocols for breeding management of cattle through synchronization of estrus and ovulation. *Journal of Animal Science*. 2009 Feb;87(2):801-12.
- Light RB. Plagues in the ICU: a brief history of community-acquired epidemic and endemic transmissible infections leading to intensive care admission. *Critical Care Clinics*. 2009 Jan;25(1):67-81.
- Mallard BA, McBride BW, Kehrli ME, Coussens PM. Bovine immunophysiology and genetics: a review of the research and career of Jeanne L. Burton. *Veterinary Immunology and Immunopathology*. 2009 Mar;128(3):96-103.
- Switzer WP. Research reflections. *Medical Science Monitor: international medical journal of experimental and clinical research*. 2009 Jan;15(1):SC1-3.
<http://www.medscimonit.com/fulltxt.php?ICID=869513>
- Taylor RL Jr, McCorkle FM Jr. A landmark contribution to poultry science—Immunological function of the bursa of Fabricius. *Poultry Science*. 2009 Apr;88(4):816-23.
- Wyatt KB, Campos PF, Gilbert MT et al. Historical mammal extinction on Christmas Island (Indian Ocean) correlates with introduced infectious disease. *PLoS ONE*. 2008;3(11):e3602.
<http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pubmed&pubmedid=18985148>
- Yanagimachi R. Germ cell research: a personal perspective. *Biology of Reproduction*. 2009 Feb;80(2):204-18.
- Zimmer SM, Burke DS. Historical perspective—Emergence of influenza A (H1N1) viruses. *New England Journal of Medicine*. 2009 Jul 16;361(3):279-85.