

Collection Development Policy Veterinary Medicine

I. General Purpose

The user needs of the entire College of Veterinary Medicine (CVM) and beyond are supported by the collection of the Veterinary Medical Library (VML). This includes:

Approximately 435 students in the 4-year professional curriculum leading to the DVM degree;

Approximately 100 graduate students enrolled in an MS or PhD degree program in the College;

CVM faculty and staff in the five academic departments: Biomedical Sciences, Veterinary Clinical Sciences, Veterinary Diagnostic and Production Animal Medicine, Veterinary Microbiology and Preventive Medicine, and Veterinary Pathology;

Faculty and staff in other CVM units, including the Veterinary Diagnostic Laboratory, Veterinary Teaching Hospital, Veterinary Medical Research Institute, Laboratory Animal Resources, Veterinary Administration, and Veterinary Education and Technology Services;

Iowa State University students, faculty and staff not affiliated with CVM (a limited group of users due to VML's specialized subject focus on the veterinary sciences and closely related disciplines);

Off-campus users of the library: CVM alumni, retired CVM faculty, veterinary and related organizations; veterinary practitioners and clinics, other veterinary businesses, pet/animal owners, and the non-ISU affiliated public at large.

The emphasis in collecting activity is in supporting the professional (DVM) and veterinary graduate programs (MS and PhD), and CVM research. General interest and popular materials are selected in subjects such as pet health and care, breed books (dog and cat), and animal-people relationships. Due to limited shelf space, retention limits have been set on most journal titles, and monographs are routinely reviewed and weeded.

II. History

In 1879 Iowa State established the nation's first state college of veterinary medicine, and in 1903 offered the first four-year program in veterinary medicine. Over 6,000 DVM degrees have been awarded since then. Approximately 435 DVM students and 100 graduate students are enrolled in the college. The college produces the most DVMs working with large animals of any veterinary school in the U.S. Its faculty and staff are actively engaged in research involving animal diseases and medicine, and many are recognized nationally and internationally. The Veterinary Medical Research Institute (VMRI) was established in 1928.

III. Iowa State University Program

Students entering the professional degree (DVM) program need to have completed a minimum of 60 semester hours in a preprofessional program. Pre-veterinary students are encouraged to complete a bachelor's degree before enrolling in the college. During the first three years of the program students are required to take specified courses in the biomedical and clinical sciences, microbiology and preventive medicine, diagnostic and production animal medicine, and

pathology. The fourth year curriculum is designed to be flexible and in addition to a required block of clinical service rotations, allows for species option blocks: small animal, food animal, production medicine, and equine. A concurrent DVM/MS or DVM/PhD program is available.

The following graduate programs are offered (listed by department):

Biomedical Sciences: MS and PhD in Biomedical Sciences, with specializations offered in Veterinary Anatomy, Physiology, Pharmacology, and Cell Biology. Research training leading to the PhD emphasizes cellular and molecular approaches to biomedical science.

Veterinary Clinical Sciences: MS in Veterinary Medicine, Veterinary Surgery, and Theriogenology.

Veterinary Diagnostic and Production Animal Medicine: MS in Veterinary Preventive Medicine (interdepartmental major).

Veterinary Microbiology and Preventive Medicine: MS and PhD in Veterinary Microbiology.

Veterinary Pathology: MS and PhD in Veterinary Pathology. Five areas of emphasis in PhD program: Anatomic Pathology, Clinical Pathology, Cellular and Molecular Pathology, Parasitology, Toxicology.

Interdepartmental majors and programs available through the College of Veterinary Medicine are: Genetics; Immunobiology; Molecular, Cellular, and Developmental Biology; Neuroscience; Toxicology; Veterinary Preventive Medicine.

Centers and institutes include: Institute for International Cooperation in Animal Biologics (IICAB), Center for Food Security and Public Health (CFSPH), Institute for Food Safety and Security (IFSS), Veterinary Medical Research Institute (VMRI), National Animal Disease Center (NADC), and National Veterinary Services Laboratories (NVSL). NADC and NVSL are USDA organizations and are supported by their own library. Iowa Center for Advanced Neurotoxicology, a new center approved in 2006, will be established in the College of Veterinary Medicine to study animal and human neurotoxicology and neurodegeneration.

IV. Subject Boundaries

Although the focus of the VML is on collecting the veterinary literature, works in human medicine, zoology, animal science, and agriculture make up a sizable portion of both the serial and monograph collections. Non-veterinary literature is collected to the extent that it supports the classroom, research, and other needs of CVM students, faculty and staff.

Human medicine materials selected for the VML include basic and research-level texts, whereas titles ordered from the General Medical fund for Parks Library are more likely to be popular and general interest in nature.

Selection decisions for monographs are made independently of Parks Library holdings; for example, a particular title on reproduction in swine or cattle may be chosen for both Parks and the VML if patron interest and potential use warrants.

V. General Collection Guidelines

A. Linguistic.

English language for monographs, unless an important work is available only in another language or in mixed languages, or unless requested by faculty or other patron with a specific need or use in mind, or unless the item is donated and determined to be of merit. Some serials and monographs have been received as gifts/exchange in non-English or mixed languages, and may be housed in Parks Library or the Storage Building due to infrequent use.

B. Geographical Areas.

No strict geographic limitations; depends on subject matter and likely degree of use of the publication. For example, a variety of Canadian, British, and Australian publications in the veterinary sciences have been selected for the VML.

C. Types of Materials Collected.

Textbooks are important learning tools in the veterinary curriculum and are often selected and placed on reserve for specific courses as requested by the instructor. Many of these same texts serve double duty in the library as ready reference sources.

The library maintains an extensive, but not exhaustive collection of veterinary journals. New veterinary and related titles are selected for the library as the budget allows.

Veterinary conference proceedings may be purchased by the library as subscriptions or obtained as single issues. A variety of publications are donated by CVM faculty, staff, and student attendees of conferences, symposiums, meetings, and workshops. Gifts such as these are welcome additions to the collection, especially proceedings from international, national, regional, state, and local meetings that may not be widely publicized or distributed.

Dissertations, beyond those written by CVM graduate students, while chosen very selectively, may be used to add depth to certain subject areas of the collection.

D. Format of Materials Collected

Historically the VML has collected print materials while other units within CVM have collected audiovisual and other non-print materials such as videos, sound recordings, slides, software, etc. In recent years VML has selected some CDs and DVDs and maintained them in a separate Media collection where they can be checked out by patrons.

Veterinary e-journal format is generally preferable to print, once a publisher makes its title available electronically, if pricing is favorable, if campus-wide access (or beyond) is an option, and if the e-journal content and image quality is comparable to the print version.

Online versions of major indexes/abstracts with strong veterinary content have been available from publishers/vendors and provided for library patrons for a number of years. This includes the two bibliographic databases most important to veterinary faculty, researchers and students: MEDLINE/PubMed and CAB Abstracts.

Veterinary e-books, while not widely available at present, will typically be considered as an added format, rather than a replacement for the print copy, unless the title is offered only as a Web/online version, or only in CD or DVD format.

VI. Specific Collection Guidelines

RESERVE: Many textbooks and some other materials are placed in the VML reserve collection, primarily to support classes in the professional (DVM) curriculum. Depending upon anticipated use, class size, and instructor recommendations, multiple copies of a textbook may be ordered and placed on reserve. The rule of thumb is a maximum of one copy of a title for each 25 students enrolled in the course. Editions of standard veterinary texts are frequently updated by publishers, and the library places orders for the new editions as they become available. Older editions are then typically moved to the VML book stacks. At least one copy of each edition of a veterinary textbook is saved for historical and reference purposes. Depending upon likely amount of continued use, along with shelf space considerations, these older editions may be retained in VML or transferred to Parks Library or the Storage Building.

Copies of some items that are not used for specific courses may also be placed on reserve in order to provide quick access to important and frequently requested veterinary and biomedical titles. Such titles sometimes also serve as popular ready reference resources for students, faculty, and library staff.

REFERENCE: A small reference collection is maintained for the convenience of library users and library staff. It consists of encyclopedias, specialized dictionaries, thesauri, directories, guides, handbooks, etc. In addition to veterinary materials, some animal science, medical, biology, and general science items are selected for the collection. A few standard general references such as college dictionaries, style manuals, and periodical guides are included.

SERIALS: Serials selected (journals, magazines, conference proceedings), as with books, are in veterinary, medical, agricultural, zoological, and related areas. Due to space limitations, retention limits have been set on most journal titles. As a rule veterinary (SF600-1100) titles are given longer retention limits than those in other subject areas. Older volumes are not withdrawn (unless duplicate print copies exist) but are transferred to Parks Library or the Library Storage Building. (Since journals are now generally preferred in electronic format if that option is available, older print volumes of many titles have been removed from VML shelves as they are replaced by their online counterparts.)

Current issues of approximately 135 journals selected for their popularity and frequent use are displayed in the Current Journals area.

BOOK STACKS: Because veterinary, medical, and books on related topics are rapidly outdated and replaced with newer editions and other new titles that appear on the subject, and because of the pressures of limited library space, the book collection is frequently weeded. Older and/or infrequently used titles are withdrawn or transferred to Parks Library or the Storage Building. At least one copy of most veterinary texts, including different editions of a title, is retained indefinitely due to its potential reference and historical value, the importance of the subject matter to the college and the university, and the relative scarcity of veterinary libraries and collections worldwide.

INTERNET RESOURCES: A highly selective list of veterinary-related World Wide Web sites are chosen, annotated, and linked from the VML Web page. The emphasis here is on important, major sites that in turn provide links to many other useful sources.

VII. Detailed Subject Areas

VETERINARY MEDICINE: SF600-SF1100

This subject area is collected extensively in the English language. For a more detailed subject breakdown of SF600-1100, see Library of Congress Classification S, Agriculture.

600-604 periodicals, serials
605 congresses

612-613	biographies
615-723	history and conditions
724-740	public health
743-745	general works
745-746	alternative veterinary medicine
756	careers, study and teaching, research, ethics, economics, ethology
757	hygiene, immunology, toxicology, radiology
760-767	anatomy, embryology
768	physiology
769	pathology, hematology
771-773	diagnosis
780	microbiology, bacteriology, virology, epidemiology
781-809	communicable diseases of animals
810	parasitology
811-909	special organs, regions, systems
910-914	other diseases and conditions, orthopedics, surgery
915-919	pharmacology, drugs
925	physical medicine
951-959	diseases, medicine of horses
961-967	cattle
968-969	sheep and goats
971-977	swine
981	pets, general
985-986	cats
991-992	dogs
994-995	birds, poultry
995-997	zoo animals, wildlife, laboratory animals, reptiles, other animals

In the following subject areas, representative titles are selected to augment the core veterinary science collection. These subjects are not collected comprehensively, but titles are chosen as needed to support instructional and research needs and interests of CVM students, faculty, and staff.

ANIMAL CULTURE: SF1-SF597: Animal feeds, feeding, and nutrition; animal breeding, reproduction and genetics; cattle; horses; sheep; swine; pets; dogs and specific dog breeds; cats and cat breeds; rabbits; birds; poultry; other animals.

OTHER AGRICULTURE: general agriculture (S); range plants, pastures, forages, weed and insect control (SB); aquaculture, fish diseases (SH); wildlife management (SK).

MEDICINE: Representative titles are selected from these (human) medical sub-disciplines, with an emphasis on LC classifications R, RA, RB, RC, RD, RE, RM.

R	general medicine
RA	public aspects of medicine
RB	pathology
RC	internal medicine
RD	surgery
RE	ophthalmology
RF	otorhinolaryngology
RG	gynecology and obstetrics
RJ	pediatrics

RK dentistry
RL dermatology
RM pharmacology
RS pharmacy

SCIENCE: Items selected here are mainly in the life sciences and most often relate to animals, humans, or both.

QH biology, microscopy, biostatistics, genetics, molecular and cell biology, reproduction, ecology
QL zoology, animal behavior and psychology, morphology, anatomy, embryology, parasitology, insects and other invertebrates, fishes, reptiles, amphibians, birds, mammals
QM human anatomy, embryology
QP physiology, neurology, nutrition, endocrinology, reproduction, biomechanics, animal biochemistry, experimental pharmacology, toxins
QR microbiology, medical and clinical microbiology, bacteria, immunology, virology

A few texts representing other science disciplines are also chosen, as convenient references for VML users, for example, general science, statistics, chemistry, physics, botany, mycology.

TECHNOLOGY: A few items are selected in the following subject areas: science, medical, and animal photography (TR); meat science and meat inspection (TS); food science (TX).

SOCIAL SCIENCES AND HUMANITIES: Titles are selected in the social sciences and humanities only insofar as they relate to the veterinary sciences or other needs and interests of the College, for example: animal welfare, rights, experimentation, ethics, and people-animal relationships (HV); animal, veterinary, and medical law (K); education and teaching (L); animals and medicine portrayed in art (N); literature at all levels as it deals with veterinary themes and human-animal relationships, especially pets and other domestic animals (P); and a few general reference items such as college dictionaries, guides and manuals as mentioned in Section VI.

VIII. Other Resources Available

The library of the National Animal Diseases Center and National Veterinary Services Laboratories, USDA, is located in Ames. A professional librarian provides services and maintains a collection of veterinary journals and other publications.

The Hardin Library for the Health Sciences, a large academic medical library, is a part of the University of Iowa, Iowa City. Hardin Library holds over 370,000 volumes, and provides to its users local access to more than 14,000 e-journals. It supports Colleges of Medicine, Dentistry, Nursing, Pharmacy, and Public Health at the University of Iowa, and also the University of Iowa Hospitals and Clinics.

Veterinary Medicine Bibliography, Veterinary Medicine Library, University of Saskatchewan.
<http://library.usask.ca/vetmed/vetmedbib/>

The Veterinary Medicine Bibliography contains a database of well over 400 core veterinary and veterinary-related titles (monographs) that can be viewed online as a list, or searched by keyword, author, title, publisher, or subject.

IX. Cross-references to Collection Policies

X. Creation date

June 2000
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XI. Revision History

July 2006
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XII. LC Classes

SF600-SF1100

XIII. Bibliographer name

William H. Wiese