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Animal Science Collection Development Policy

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Animal Science Collection Development Policy

University Libraries, University of Nebraska-Lincoln

Dana W. R. Boden, Liaison Librarian, December, 2009

Approved: CDC, January 6, 2010

I. GENERAL ACADEMIC PROGRAM INFORMATION

The Animal Science collection supports the teaching, research and service activities of the entire university community. Its primary audience is the faculty, staff, and students of the Animal Science department in the College of Agricultural Sciences and Natural Resources within the Institute of Agriculture and Natural Resources. The collection's primary focus is support for the undergraduate and graduate curricula for Animal Science. Specific and transient research needs of Animal Science faculty and graduate students are supplemented through Interlibrary Loan.

The focus of the Animal Science collection is diverse in nature as it encompasses disciplines that are well established within colleges and departments in the university structure. The collection is multifaceted and is distributed widely to support curriculum and research needs within subject areas including: ruminant nutrition, non-ruminant nutrition, physiology, breeding and genetics, meat science, nutrient and waste management, animal health, and animal production systems. Materials are not purchased for the general public though they may benefit from the collection for their information needs.

Department of Animal Science

The Department of Animal Science was originally established as the Department of Animal Husbandry in 1898, with the change to Animal Science in 1964. The production segment of the Department of Dairy Science was merged with Animal Science in 1968 and Poultry Science was merged in in 1977. The department's mission is "to promote world-wide leadership in animal research and education in support of sustainable use of domestic animals for food, fiber, work and recreation, and to educate students for careers in the animal sciences." Research is conducted in laboratories in Animal Science, at all of the animal units managed by the Department, in the field utilizing four Research and Extension Centers located throughout Nebraska, and at facilities owned and managed by cooperating producers. Major animal facilities used in teaching, research and extension located away from the Lincoln campus, other than affiliated with the Research and Extension Centers are: the Agricultural Research and Development Center at Mead, Dalbey-Halleck Research Farm near Virginia, Gudmundsen Sandhills Laboratory near Whitman, and Barta Brothers Ranch near Ainsworth. Interdisciplinary research is encouraged and support is provided for joint projects across departments and between multi-state project participants. Several faculty members collaborate with USDA Agricultural Research Service staff scientists at the Roman L Hruska Meat Animal Research Center near Clay

Center, Nebraska. Nebraska consistently ranks in the top five agricultural states in the nation, with livestock representing 60 percent of the total agricultural receipts.

The Department of Animal Science offers the B.S., M.S., and Ph.D. degrees. Within the undergraduate Animal Science major seven options are available: Animal Biology, Business, Equine Science, Meat Science, Pre-Veterinary Animal Science, Production & Management, and Companion Animals. An Animal Science minor is also available. Graduate programs leading to the Master of Science and Doctor of Philosophy degrees are available in Breeding and Genetics, Meat and Poultry Products, Non-ruminant and Ruminant Nutrition, and Physiology. The M.S. and Ph.D. degrees granted by the Department of Animal Science are research based. A student is expected to pursue an independent research program for each degree under the guidance of a major professor.

II. GEOGRAPHICAL COVERAGE

There are no geographical limitations.

III. CHRONOLOGICAL COVERAGE

There are no chronological limitations.

IV. IMPRINT DATE

Emphasis is on current material.

V. FORMAT

Both print and electronic resources are purchased as well as online books and some videos. Electronic formats are preferred for current periodicals. For monographic works, the format choice is based primarily on price. Electronic formats are preferred for works that will be utilized on both campuses and those that support distance education or extension programs.

VI. LANGUAGE

English is the preferred language of publication for resources at all levels of collection intensity. Translations are preferred to non-English materials. Materials in other languages are acquired in response to specific requests.

VII. SPECIAL FACTORS

All publications of the following societies and associations should be acquired: American Society of Animal Science, American Dairy Science Association, American Meat Institute, American Meat Science Association, American Poultry Association, Poultry Science Association, Society for Range Management, and the World's Poultry Science Association.

The government documents collection in C. Y. Thompson Library is generally important to all areas of agriculture. United States Department of Agriculture (USDA) publications account for the majority of the document literature used by researchers in agricultural disciplines, and to a lesser degree important publications also come from the Department of the Interior and the Environmental Protection Agency.

VIII. ELECTRONIC DATABASES

The University Libraries has acquired a number of electronic databases, including some full-text, which support Animal Science and related areas: AGRICOLA, Biological Abstracts, BioOne, CAB Abstracts, Medline, Web of Science, and Zoological Record, all of which are interdisciplinary databases. These databases greatly enhance the research capability and provide convenient and timely access to various resources.

IX. CLASSIFICATION AND INTENSITY LEVEL

(The following are listed by LC Class, Subject and then by Intensity Level)

HD 9275-9284 Dairy products. Butter. Cheese. Milk RESEARCH

HD 9410-9440 Animal industry RESEARCH

HV 4701-4959 Protection of animals. Animal welfare RESEARCH

QD 415-441 Biochemistry. Biological chemistry STUDY

QH 211-278 Microscopy BASIC

QH 301-304 Biology periodicals, congresses, encyclopedias, etc. BASIC

QH 324-352 Biology methods of research STUDY

QH 359-425 Evolution. Variation. Hybridization STUDY

QH 426-531 Genetics RESEARCH

QH 540-549 Ecology STUDY

QH 573-705 Cytology RESEARCH

QL 750-785 Animal behavior STUDY

QL 799 Morphology STUDY

QL 801-991 Anatomy. Embryology STUDY

QP 1-348 Physiology RESEARCH

QP 501-801 Animal biochemistry RESEARCH

SF 1-513 Animal culture RESEARCH

* SF 321-359 Racing BASIC

* SF 402-409 Fur-bearing animals BASIC

* SF 508-513 Pets. Birds. Game-birds BASIC

TS 195-198.8 Packaging BASIC

TS 1950-1982 Animal products (Manufactures) RESEARCH

TS2284-2288 Animal feeds and feed mills. Pet food industry RESEARCH

TX 371-389 Foods of animal origin RESEARCH

TX 555-556 Foods of animal origin Analysis Quality RESEARCH

* These areas within the larger area listed above should be collected at the different intensity level listed.