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Training Materials for Animal Facility Personnel

**Animal Welfare Information Center
United States Department of Agriculture
National Agricultural Library**

ISSN: 1052-5378

Quick Bibliography Series, QB 95-08
January 1990 - January 1995

Updates QB 94-17

167 citations from AGRICOLA
February 1995

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[Search Strategy](#)

[Author Index](#)

[Subject Index](#)

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Training material for animal facility personnel.

(Quick bibliography series ; 95-08)

1. Animals--Handling--Bibliography. I. Title.

aZ5071.N3 no.95-08

Search Strategy

Line Command

1. (TRAIN? OR EDUCAT? OR HANDBOOK? OR GUIDE? OR MANUAL? OR INSTRUCT? OR PRIMER? OR SEMINAR? OR SYMPOSIUM? OR PROCEEDING?)/TI,DE
2. (TECHNICIAN? OR CARETAK? OR TECHNOLOGIST? OR INVESTIGATOR? OR RESEARCHER? OR SCIENTIST? OR PERSONNEL OR VETERINARIAN? OR KEEPER? OR ZOOKEEPER? OR HANDLER? OR EMPLOYEE? OR ADMINISTRATOR? OR LABORATOR? OR FACILIT? OR MANAG?)/TI,DE
3. S1 AND S2
4. S3 AND SH=L
5. S4 NOT SF=FNC
6. S5 AND PY=1990:1995

1 NAL Call. No.: QL813.C38R67
Anatomy of the cat text and dissection guide.
Rosenzweig, Lionel J.
Dubuque, IA : W.C. Brown,; 1990.
xii, 347 p. : ill. ; 28 cm. Includes bibliographical references.

Language: English

Descriptors: Cats; Anatomy; Laboratory manuals; Dissection; Laboratory manuals

2 NAL Call. No.: SF914.A53 1990
Anesthesia and analgesia in laboratory animals proceedings - 1990 Forum, American College of Laboratory Animal Medicine, Columbia Inn, Columbia, Maryland, May 3-6, 1990.
American College of Laboratory Animal Medicine. Forum (1990 : Columbia, Md.); American College of Laboratory Animal Medicine, Abbott Laboratories Columbia, Md. : American College of Laboratory Animal Medicine, 1990?; 1990. 1 v. (various pagings) : ill. ; 28 cm. Cover title. Corporate sponsors of scientific program: Abbott Laboratories ... [et al.]. Includes bibliographical references.

Language: English

Descriptors: Veterinary anesthesia

3 NAL Call. No.: HV4704.A53 1992
Animal care and use committees and alternatives a symposium sponsored by the Johns Hopkins School of Hygiene and Public Health, Office for Research Subjects, June 18, 1992.
Johns Hopkins University, School of Hygiene and Public Health Baltimore, Md. : The Office,; 1992.
110 p. ; 28 cm. This publication was made possible by a grant from Animal Welfare Information Center, National Agricultural Library. Includes bibliographical references.

Language: English

Descriptors: Animal welfare; Laboratory animals

4 NAL Call. No.: HV4913.A54
Animal care and use programs regulatory compliance and education in an age of fiscal constraint.. Educational material for: Animal care and use programs Regulatory compliance and education in an age of fiscal restraint Public Responsibility in Medicine and Research (Association), Tufts University, School of Medicine, Tufts University, School of Veterinary Medicine
Boston, Mass.: PRIM&R,; 1991.
408 p. : ill. ; 28 cm. Cover title. March 21-22, 1991, Boston, Massachusetts. Includes bibliographical references.

Language: English

Descriptors: Animal welfare; Laboratory animals; Animal experimentation; Animals, laboratory

5 NAL Call. No.: SF406.2.A55 1992
Animal diet reference guide., [Rev.].
PMI Feeds, Inc
St. Louis, MO : PMI Feeds, Inc., [1992?]; 1992.
1 v. (various pagings) : ill. ; 30 cm. Lab Diet, the Richmond Standard.

Language: English

Descriptors: Laboratory animals

6 NAL Call. No.: SF910.P34A56 1992
Animal pain: ethical and scientific perspectives the proceedings of a conference held at the Barossa Valley, Adelaide, April, 1990. Short, Charles E.; Van Poznak, Allan Glen Osmond, SA, Australia : ACCART,; 1992.
vii, 94 p. : ill. ; 29 cm. Includes bibliographical references.

Language: English

Descriptors: Pain in animals; Laboratory animals

7 NAL Call. No.: SF604.P82 no.144
Animal welfare in New Zealand proceedings from a seminar organised for the State Veterinarians Branch, New Zealand Veterinary Association, Rotorua, June 1992.
Petersen, Gunner V.
Massey University, New Zealand Veterinary Association, State Veterinarians Branch, New Zealand Veterinary Association, Foundation for Continuing Education
Palmerston North, N.Z. : Veterinary Continuing Education, Massey University,; 1992.
110 p. : ill. ; 29 cm. (Publication (Massey University. Veterinary Continuing Education) ; no. 144.). Includes bibliographical references.

Language: English; English

Descriptors: Animal Welfare

8 NAL Call. No.: 41.8 M69
Anticonvulsant therapy: a practical guide to medical

management of epilepsy in pets.

Dyer, K.R.; Shell, L.G.

Lenexa, Kan. : Veterinary Medicine Publishing Co; 1993 Jul.
Veterinary medicine v. 88 (7): p. 647-653; 1993 Jul. Includes
references.

Language: English

Descriptors: Dogs; Cats; Convulsions; Anticonvulsants; Drug
therapy; Medical treatment; Drug effects; Interactions

9 NAL Call. No.: 41.8 Am3

An assessment of the outcome of the alternative medical and
surgical laboratory program at Tufts University.

Pavletic, M.M.; Schwartz, A.; Berg, J.; Knapp, D.

Schaumburg, Ill. : The Association; 1994 Jul01.

Journal of the American Veterinary Medical Association v. 205
(1): p. 97-100; 1994 Jul01. Includes references.

Language: English

Descriptors: Massachusetts; Cabt; Veterinary education; Animal
testing alternatives; Educational programs; Surveys;
Universities

10 NAL Call. No.: 41.8 Am3

Attitudes of veterinarians toward emerging competencies for
health care practitioners.

Stone, E.A.; Shugars, D.A.; Bader, J.D.; O'Neil, E.H.

Schaumburg, Ill. : The Association; 1992 Dec15.

Journal of the American Veterinary Medical Association v. 201
(12): p. 1849-1853; 1992 Dec15. Includes references.

Language: English

Descriptors: Veterinarians; Attitudes; Veterinary medicine;
Veterinary education

11 NAL Call. No.: S544.3.V8V52

Beef cow-calf management guide.

Eller, A.L. Jr

Blacksburg, Va. : Extension Division, Virginia Polytechnic
Institute and State University; 1991.

Publication - Virginia Cooperative Extension Service
(400-770): 4 p.; 1991.

Language: English

Descriptors: Beef cattle; Beef herds; Cattle husbandry;
Guidelines

12 NAL Call. No.: SF951.J65

The behavior of horses in relation to management and training-
towards ethologically sound environments.

Kiley-Worthington, M.

Lake Elsinore, Calif. : William E. Jones, DVM; 1990 Jan.

Journal of equine veterinary science v. 10 (1): p. 62-71; 1990
Jan.

Language: English

Descriptors: Behavior problems; Horses; Animal behavior;
Vices; Feeding behavior; Mating behavior; Group interaction;
Tractability; Animal welfare; Time allocation

13 NAL Call. No.: SF201.S36 1992
Biological-chronological beef cow wheel.. Cow-calf management
guide and cattleman's library
Schoonover, C. O.
University of Wyoming, Cooperative Extension Service
Laramie, Wyo. : Cooperative Extension Service, University of
Wyoming,; 1992. [1] leaf ; 28 cm. Cover title. March 1992.
Rotating table coordinating the beef cow reproductive cycle
with the calendar year. This wheel is a part of the Western
Regional "Cow-calf management guide and cattleman's library".

Language: English

Descriptors: Beef cattle

14 NAL Call. No.: QL737.U55B564 1990
The Biology of deer an international symposium, 28 May 1-June
1990. Brown, Robert D.
Mississippi State University, Dept. of Wildlife and Fisheries
International Symposium on the Biology of Deer 2nd : 1990 :
Mississippi State University.
Mississippi State, MS : Dept. of Wildlife & Fisheries,
Mississippi State University,; 1990.
1 v. (unpaged) ; 28 cm. Program and abstracts. Includes
index.

Language: English

Descriptors: Deer; Deer farming; Wildlife management

15 NAL Call. No.: SF401.B56B8
Buffalo producer's guide to management & marketing.
Dowling, Kim
National Buffalo Association
Ft. Pierre, SD : National Buffalo Association,; 1990.
543 p. : ill., maps ; 24 cm. Includes bibliographical
references (p. 527-537) and index.

Language: English

Descriptors: Bison, American; Bison, American

16 NAL Call. No.: SF951.J65
The California Veterinary Medical Association Disaster
Response Resource Guide.
Marshall, K.; Sahara, R.; Samuels, J.; Norman, B.; Schumacher,
R. Lake Elsinore, Calif. : William E. Jones, DVM; 1993 May.
Journal of equine veterinary science v. 13 (5): p. 282-283;
1993 May. Proceedings of the First International Conference on
Equine Rescue, February 6-7, 1993, Santa Barbara, California.

Language: English

Descriptors: California; Emergencies; Veterinarians;
Organizations; Planning

17 NAL Call. No.: SF601.C24
The Canadian Council on Animal Care--its guidelines and policy directives: the veterinarian's responsibility.
Rowell, H.C.
Ottawa : Canadian Veterinary Medical Association; 1991 Jul.
Canadian journal of veterinary research; Revue canadienne de recherche veterinaire v. 55 (3): p. 205; 1991 Jul. Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Animal welfare; Veterinary profession; Animal models; Pain

18 NAL Call. No.: SF407.I58F79 1991
Captive invertebrates a guide to their biology and husbandry., Original ed.. Frye, Fredric L.
Malabar, Fla. : Krieger Pub. Co.,; 1992.
xx, 135 p. : ill. (some col.) ; 29 cm. Includes bibliographical references and index.

Language: English

Descriptors: Invertebrates as laboratory animals; Invertebrates as pets; Captive wild animals

19 NAL Call. No.: SF393.M55C37 1993
Care and management of miniature pet pigs guidelines for the veterinary practitioner., 1st ed..
Reeves, David E.; Becker, H. Neil
American Association of Swine Practitioners
Santa Barbara, Calif. : Veterinary Practice Pub. Co.,; 1993.
ix, 117 p. : ill. ; 23 cm. "Published in cooperation with the American Association of Swine Practitioners"--Cover. Includes bibliographical references and index.

Language: English

Descriptors: Miniature pigs as pets; Miniature pigs

20 NAL Call. No.: aSF756.28.C37 1991
Career planning guide for veterinary medical officers.
United States, Food Safety and Inspection Service
Washington, D.C. : The Service, 1991?; 1991.
iii, 37 p. : ill. ; 28 cm. Cover title.

Language: English

Descriptors: Veterinarians

21 NAL Call. No.: 286.81 F322
Cattle disease guide.
Herrick, J.B.
Minnetonka, Minn. : Miller Publishing Co; 1991 Jul18.
Feedstuffs v. 63 (29): p. 102-116; 1991 Jul18.

Language: English

Descriptors: Cattle diseases; Meat and livestock industry; Resource management; Disease prevention

22 NAL Call. No.: SF961.C87
Cattle embryo transfer procedure an instructional manual for the rancher, dairyman, artificial insemination technician, animal scientist, and veterinarian.
Curtis, John L.
San Diego : Academic Press,; 1991.
ix, 131 p. : ill. ; 23 cm. Includes bibliographical references (p. 130-131).

Language: English

Descriptors: Cattle

23 NAL Call. No.: SF203.C37 1990
Cattle feeding a guide to management.
Albin, R. C.; Thompson, G. B.
Amarillo : Trafton,; 1990.
228 p. : ill. ; 28 cm. September, 1990. Includes bibliographical references.

Language: English

Descriptors: Cattle

24 NAL Call. No.: SF601.J62
Changing social ethics on animals and veterinary medical education. Rollin, B.E.
Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1990.
Journal of veterinary medical education v. 17 (1): p. 2-7; 1990. Comments by A. Schwartz on p. 6-7.

Language: English

Descriptors: U.S.A.; Veterinary education; Laboratory animals; Teaching methods; Animal experiments; Ethics; Moral values; Animal welfare; Animal testing alternatives

25 NAL Call. No.: SF951.J66
Changing times a survival guide for the equine practitioner..
Survival guide for the equine practitioner
Jones, William Elvin
Wildomar, Ca. : Veterinary Data,; 1990.
134 p. : ill. ; 22 cm.

Language: English

Descriptors: Veterinary medicine; United States; Horses; Diseases; United States; Veterinarians; United States

26 NAL Call. No.: SF996.5.I54 1991a
Companion guide to Infectious diseases of mice and rats.
Institute of Laboratory Animal Resources (U.S.), Committee on Infectious Diseases of Mice and Rats
Washington, D.C. : National Academy Press,; 1991.
x, 95 p. ; 23 cm. Includes bibliographical references and index.

Language: English

Descriptors: Mice; Rats; Laboratory animals; Mice as laboratory animals; Rats as laboratory animals

27 NAL Call. No.: 447.8 AM3

A comparison of interactive videodisc instruction with live animal laboratories.

Fawver, A.L.; Branch, C.E.; Trentham, L.; Robertson, B.T.; Beckett, S.D. Bethesda, Md. : American Physiological Society; 1990 Dec. American journal of physiology v. 259 (6,pt.3): p. S11-S14; 1990 Dec. Includes references.

Language: English

Descriptors: Animal physiology; Laboratory animals; Videodiscs; Computer assisted instruction; Teaching methods

Abstract: This study compared interactive videodisc-simulated laboratories with two types of traditional labs: a traditional general cardiovascular physiology participation lab and a traditional fibrillation/positive pressure ventilation demonstration lab. The two laboratory sections (a total of 85 first-year veterinary medical students) were divided into 12 lab groups of 3-4 students per lab section. These groups were randomly assigned to either a traditional live animal laboratory or an interactive videodisc-simulated laboratory to compare the effectiveness and efficiency of these methods in teaching physiology. A 22-item, multiple-choice/short answer test was given to all students after the laboratories. In both the participation and the demonstration laboratories, there were no significant differences between group test scores of the interactive videodisc groups and the live animal laboratory groups, but there were differences in time spent by both students and instructors. It was concluded that the interactive videodisc-simulated lab was as effective as the traditional live-animal labs and was more time efficient than the traditional participation lab.

28 NAL Call. No.: QL55.A1L33

A comprehensive health science center educational program for animal care and use.

White, G.L.; Perry, M.A.; Kosanke, S.D.; Randolph, M.M.; Niekraz, M.A. New York, N.Y. : Nature Publishing Company; 1991 Jul.

Lab animal v. 20 (7): p. 47-49; 1991 Jul. Includes references.

Language: English

Descriptors: Laboratory animals; Educational programs; Animal husbandry

29 NAL Call. No.: 41.8 Am3

Computer use in private veterinary practice.

Dye, L.; Harris, T.; Ray, C.M.; Waldhalm, S. Schaumburg, Ill. : The Association; 1994 Mar15.

Journal of the American Veterinary Medical Association v. 204 (6): p. 888-890; 1994 Mar15. Includes references.

Language: English

Descriptors: U.S.A.; Cabt; Veterinary practice; Computers; Computer hardware; Computer software; Training; Attitudes;

Veterinarians; Personnel; Surveys

30 NAL Call. No.: SB951.5.C66 1991
Contingency pest management pocket guide.
United States, Armed Forces Pest Management Board
Washington, D.C. : Armed Forces Pest Management Board, Walter
Reed Army Medical Center,; 1991.
vii, 69 p. ; 11 x 18 cm. (Technical information memorandum
(Washington, D.C.) ; 24.). January 1991. Errata slip
inserted.

Language: English

Descriptors: Pests; Insecticides

Abstract: This pocket guide is designed to provide certified military preventive medicine/pest control personnel with information on field use of pesticides worldwide during military exercises or contingency operations. Concise, ready reference charts present the National Stock Number (NSN) for contingency pesticides, their dosages, uses and application methods. Pesticide dispersal and surveillance and trapping equipment, safety equipment, personal protective equipment against disease vectors, and air transportable overpack containers are covered. Dilution and rate formulas, conversion factors, and U.S. military medical entomology points of contact overseas are supplied.

31 NAL Call. No.: Videocassette no.1129
Cuidado y uso humanitario de animales de laboratorio para tecnicos [prepared for the U.S. Department of Agriculture, National Agriculture Library by the Laboratory Animal Training Association] [Humane care and use of laboratory animals for technicians].. Animales de laboratorio Humane care an use of laboratory animals for technicians
Laboratory Animal Training Association
Raleigh, N.C.? : Laboratory Animal Training Association, [1991?]; 1991. 1 videocassette (36 min.) : sd., col. ; 1/2 in. + 1 Spanish language script + 1 English language script.
Title on cassette spine: Animales de laboratorio.

Language: Spanish; English

Descriptors: Laboratory animal technicians; Animal welfare; Laboratory animals

32 NAL Call. No.: SF601.J62
Curriculum change related to live animal use: a four-year surgical curriculum. White, K.K.; Wheaton, L.G.; Greene, S.A. Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1992.
Journal of veterinary medical education v. 19 (1): p. 6-10; 1992. Includes references.

Language: English

Descriptors: Washington; Veterinary education; Surgery; College curriculum; Laboratory animals; Educational reform; Educational objectives; Teaching methods; Animal welfare; Animal testing alternatives

33 NAL Call. No.: QL55.I5
Delivering the goods.
Porter, R.I.
Sussex : The Institute; 1990 Dec.
Animal technology : journal of the Institute of Animal
Technology v. 41 (3): p. 211-216; 1990 Dec.

Language: English

Descriptors: Great Britain; Technicians; Education; Training

34 NAL Call. No.: SF601.A54
Development of a teaching laboratory aid for instruction of
fine needle aspiration biopsy cytology technique.
Simpson, R.M.; Meuten, D.J.
Santa Barbara, Calif. : Veterinary Practice Publishing
Company; 1992 Jun15. Veterinary clinical pathology v. 21 (2):
p. 40-44; 1992 Jun15. Includes references.

Language: English

Descriptors: Veterinary education; Fine needle aspiration;
Cytology; Teaching materials

35 NAL Call. No.: SF961.A5
The development of continuing education opportunities for
veterinarians in dairy health management.
Lesile, K.
Stillwater, Okla. : The Association, [1992-; 1992.
American Association of Bovine Practitioners Conference :
[proceedings] v. 2: v. 2 p. 217-221; 1992. Meeting held on
August 31-September 4, 1992, St. Paul, Minneosta. Includes
references.

Language: English

Descriptors: Dairy cattle; Veterinary education; Continuing
education

36 NAL Call. No.: aHV4701.A952
Development of personnel training--experiences at Purdue
University. Fitzgerald, A.L.; Maikel, R.P.
Beltsville, Md. : National Agricultural Library, AWIC; 1992
Jan. Animal Welfare Information Center newsletter v. 3 (1): p.
2-3; 1992 Jan.

Language: English

Descriptors: Indiana; Technicians; Training courses;
Laboratory animals; Animal experiments; Universities

37 NAL Call. No.: HV4701.A35
Dissection: a cutting edge debate.
Clifton, M.
Englewood, Colo. : American Humane Association, Animal
Protection Division; 1993.
Advocate v. 11 (2): p. 13-17; 1993.

Language: English

Descriptors: Laboratory animals; Science education

38 NAL Call. No.: 41.8 Am3
Do veterinarians have the training and equipment to compound drugs?. Plumb, D.C.
Schaumburg, Ill. : The Association; 1994 Jul15.
Journal of the American Veterinary Medical Association v. 205 (2): p. 268-269; 1994 Jul15. Paper presented at the "Symposium on Compounding in Veterinary Medicine," Sept 9-10, 1993.

Language: English

Descriptors: Drug formulations; Drug combinations; Veterinarians

39 NAL Call. No.: SF601.I4
Do your support staff lay golden eggs?. Jevring, C.
London : British Veterinary Association : 1979-; 1993 Jul. In practice v. 15 (4): p. 198-199, 201; 1993 Jul.

Language: English

Descriptors: Veterinary practice; Veterinary services; Personnel; Personnel management; Training

40 NAL Call. No.: RM145.B65 1990
Drug dosage in laboratory animals a handbook., 3rd ed. rev. and enl.. Borchard, Ronald E.; Barnes, Charles D.,_1935-; Eltherington, L. G.; Barnes, Charles D., Caldwell, N.J. : Telford Press; 1990.
xxix, 692 p. : 29 cm. Rev. ed. of: Drug dosage in laboratory animals / by C.D. Barnes and L.G. Eltherington. 2nd rev. and enl. ed. [c1973]. Includes bibliographical references (p. 519-674).

Language: English

Descriptors: Drugs; Laboratory animals; Pharmacology, Experimental

41 NAL Call. No.: 41.8 AM3
Drug use guidelines for veterinary practitioners. Gloyd, J.S.
Schaumburg, Ill. : The Association; 1993 May15.
Journal of the American Veterinary Medical Association v. 202 (10): p. 1738-1739; 1993 May15. Paper presented at the symposium "Use of FDA-approved drugs in veterinary medicine: prohibitions, prerogatives, and responsibilities.". Includes references.

Language: English

Descriptors: U.S.A.; Drugs; Guidelines; Veterinarians

42 NAL Call. No.: 41.8 AU72
Early history of veterinary education in Victoria. Hughes, K.L.; Milne, I.
Brunswick, Victoria : Australian Veterinary Association; 1992 Dec. Australian veterinary journal v. 69 (12): p. 325-336;

1992 Dec. Includes references.

Language: English

Descriptors: Victoria; Veterinary education; History;
Veterinarians; Veterinary schools

43 NAL Call. No.: SF811.E39 1993

ECG manual for the veterinary technician.

Edwards, N. Joel

Philadelphia : W.B. Saunders,; 1993.

xii, 191 p. : ill. ; 19 x 27 cm. Includes bibliographical
references and index.

Language: English

Descriptors: Veterinary electrocardiography

44 NAL Call. No.: 41.8 Am3

Ecotoxicology and ecosystem health: roles for veterinarians;
goals of the Envirovet program.

Beasley, V.

Schaumburg, Ill. : The Association; 1993 Sep01.

Journal of the American Veterinary Medical Association v. 203

(5): p. 617-628; 1993 Sep01. Includes references.

Language: English

Descriptors: Toxicology; Ecosystems; Educational programs;
Veterinary education; Environmental impact

45 NAL Call. No.: 41.8 AM3

Educating veterinarians to prescribe and use drugs in a
responsible manner. Jenkins, W.L.

Schaumburg, Ill. : The Association; 1993 May15.

Journal of the American Veterinary Medical Association v. 202

(10): p. 1708-1710; 1993 May15. Paper presented at the
symposium "Use of FDA-approved drugs in veterinary medicine:
prohibitions, prerogatives, and responsibilities."

Language: English

Descriptors: U.S.A.; Drugs; Veterinary education;
Prescriptions; Regulations; Government organizations

46 NAL Call. No.: SF604.E3

Education and training in the care and use of laboratory
animals a guide for developing institutional programs.

Institute of Laboratory Animal Resources (U.S.), Committee on
Educational Programs in Laboratory Animal Science

Washington, D.C. : National Academy Press,; 1991.

xi, 139 p. ; 28 cm. Includes bibliographical references.

Language: English

Descriptors: Laboratory animals; Animal welfare

47 NAL Call. No.: 41.8 R3224

Electronic communication with veterinarians: An update on

VetNet and Exten. Maxie, G.; Stowe, J.; Bonnett, B.

Ottawa : Canadian Veterinary Medical Association; 1990 Feb.
The Canadian veterinary journal v. 31 (2): p. 84-85; 1990 Feb.

Language: English

Descriptors: Canada; Veterinarians; Telecommunications;
Diffusion of information; Continuing education; Veterinary
practice

48 NAL Call. No.: SF201.E42
Embryo transfer, cattle transcription of proceedings.
Hibburt, Chris
Australian Association of Cattle Veterinarians, University of
Sydney, Post-Graduate Committee in Veterinary Science
Sydney, N.S.W. : Post Graduate Committee in Veterinary
Science,; 1990. iv, 91 p. ; 26 cm. (Refresher course for
veterinarians. Proceedings ; 131.). Includes index.

Language: English

Descriptors: Cattle; Embryos; Transplantation; Congresses

49 NAL Call. No.: 41.8 AM3
Employment, starting salaries, and educational indebtedness of
1990 graduates of US veterinary medical colleges.
Wise, J.K.
Schaumburg, Ill. : The Association; 1990 Nov15.
Journal of the American Veterinary Medical Association v. 197
(10): p. 1381-1382; 1990 Nov15. Includes references.

Language: English

Descriptors: U.S.A.; Veterinarians; Graduates; Employment
opportunities; Salaries; Debt; Veterinary education;
Veterinary profession

50 NAL Call. No.: 41.8 AM3
Employment, starting salaries, and educational indebtedness of
1991 graduates of US veterinary medical colleges.
Wise, J.K.
Schaumburg, Ill. : The Association; 1991 Dec15.
Journal of the American Veterinary Medical Association v. 199
(12): p. 1777-1778; 1991 Dec15. Includes references.

Language: English

Descriptors: U.S.A.; Veterinarians; Graduates; Salaries;
Employment; Debt

51 NAL Call. No.: 41.8 Am3
Employment, starting salaries, and educational indebtedness of
1992 graduates of US veterinary medical colleges.
Wise, J.K.; Yang, J.J.
Schaumburg, Ill. : The Association; 1992 Dec01.
Journal of the American Veterinary Medical Association v. 201
(11): p. 1685-1686; 1992 Dec01.

Language: English

Descriptors: Veterinarians; Graduates; Employment; Salaries;
Debt

52 NAL Call. No.: 41.8 Am3
Employment, starting salaries, and educational indebtedness of
1993 graduates of US veterinary medical colleges.
Schaumburg, Ill. : The Association; 1993 Dec15.
Journal of the American Veterinary Medical Association v. 203
(12): p. 1687-1688; 1993 Dec15.

Language: English

Descriptors: U.S.A.; Cabt; Veterinarians; Employment;
Salaries; Debt; Graduates

53 NAL Call. No.: SF604.R37 no.165
Endocrinology in internal medicine a symposium for
veterinarians, 28-30 June 1991.
University of Sydney, Post Graduate Committee in Veterinary
Science Sydney South, NSW, Australia : Post Graduate Committee
in Veterinary Science, University of Sydney,; 1991.
n, iv, 394 p. : ill. (some col.) ; 26 cm. ([Refresher course
for veterinarians], proceedings 165). Venue: Leura, NSW.
Includes bibliographical references and index.

Language: English

Descriptors: Cats; Dogs; Veterinary endocrinology

54 NAL Call. No.: 275.8 AG8
Equine facilitated therapy.
Hoover, T.S.; Nolt, B.H.; Davidson, C.J.
Henry, Ill. : The Magazine; 1993 Mar.
The Agricultural education magazine v. 65 (9): p. 8-9, 23;
1993 Mar. Includes references.

Language: English

Descriptors: U.S.A.; Canada; Handicapped persons; Horses;
Therapy; Education; Sport; Horse riding

55 NAL Call. No.: SF604.R37 no.174
Equine reproduction a seminar for veterinarians : 1 September
1991. LeBlanc, Michelle; McKinnon, A. O.
University of Sydney, Post Graduate Committee in Veterinary
Science Sydney South, NSW, Australia : Post Graduate Committee
in Veterinary Science, University of Sydney,; 1991.
vi, 143 p. : ill. ; 26 cm. ([Refresher course for
veterinarians], proceedings 174). Venue: Stephen Roberts
Lecture Theatre, University of Sydney. Includes
bibliographical references and index.

Language: English

Descriptors: Veterinary obstetrics; Horses; Veterinary
gynecology

56 NAL Call. No.: KK6236.E7 1991
Erläuterungen zur Verordnung über die Berufsausbildung zum
Tierärzthelfer/zur Tierärzthelferin, vom 10. Dezember 1985
[Explanations of the regulation on professional training of
men and women veterinary helpers, as of December 10, 1985]..

Neu Erläuterungen zur Verordnung über die Berufsausbildung
Tierärzthelfer, Tierärztherlferin, 1. Aufl. 1991..
Bundesinstitut für Berufsbildung
Nürnberg : BW Verlag und Software,; 1991.
70 p. ; 30 cm. Cover title: Neu Erläuterungen zur Verordnung
über die Berufsausbildung. Includes bibliographical
references (p. 51) and index.

Language: German

Descriptors: Animal health technicians; Veterinary medicine

57 NAL Call. No.: aQL55.B36
Essentials for animal research a primer for research
personnel. Bennett, B. T.; Brown, M. J.; Schofield, J. C.
National Agricultural Library (U.S.), University of Illinois at
Chicago Beltsville, Md. : U.S. Dept. of Agriculture, National
Agricultural Library : University of Illinois at Chicago,;
1990.
vi, 126 p. : ill. ; 28 cm. "Produced as a joint effort of the
National Agricultural Library, USDA, and the University of
Illinois at Chicago and supported by cooperative agreement
number 58-32U4-7-070"--P. vi. April 1990. Includes
bibliographical references.

Language: English

Descriptors: Animal experimentation; Laboratory animals;
Animal welfare

58 NAL Call. No.: QL55.E84 1992
Ethics in research on animal behaviour readings from Animal
behaviour.. Guidelines for the use of animals in research
Dawkins, Marian Stamp; Gosling, Morris
Association for the Study of Animal Behaviour, Animal Behavior
Society London, England : Academic Press for the Association
for the Study of Animal Behaviour and the Animal Behavior
Society, [1992?]; 1992. 64 p. : ill. ; 25 cm. Includes
"Guidelines for the use of animals in research," revised 1991
version. Includes bibliographical references.

Language: English

Descriptors: Animal experimentation; Laboratory animals

59 NAL Call. No.: QL55.A1L33
Evaluation of the effectiveness of an animal care and use
training program. Adsit, K.I.; Tomasovic, S.P.; Mastromarino,
A.J.; Gray, K.N. New York, N.Y. : Nature Publishing Company;
1990 May.
Lab animal v. 19 (4): p. 50, 52-54; 1990 May. Includes
references.

Language: English

Descriptors: Laboratory animals; Program evaluation; Training

60 NAL Call. No.: SF601.J62
Evaluation of undergraduate orthopedic surgical training by
survey of graduate and employer veterinarians.
Weigel, J.P.; Rohrbach, B.W.; Monroe, A.C.; Warner, S.

Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1992.
Journal of veterinary medical education v. 19 (1): p. 2-5; 1992. Includes references.

Language: English

Descriptors: Tennessee; Orthopedics; Surgery; Skills; Training; Graduates; Job performance; Evaluation; Veterinary education; Surveys; Veterinarians

61 NAL Call. No.: QL615.F5
Fish physiology, fish toxicology, and fisheries management proceedings of an international symposium, Guangzhou, PRC, September 14-16, 1988. Ryans, Robert C.
Environmental Research Laboratory (Athens, Ga.)
Athens, Ga. : Environmental Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency,; 1990; EP 1.23/6:600/9-90/011.
viii, 348 p. : ill. ; 28 cm. March 1990. EPA/600/9-90/011.
Includes bibliographical references.

Language: English

Descriptors: Fishes; Physiology; Congresses; Fishes; Growth; Congresses; Fishes; Effect of water quality on; Congresses; Fishes; Effect of water pollution on; Congresses

62 NAL Call. No.: SF910.P34A55 1992
The future of control of pain in animals used in teaching and research. Rowsell, H.C.
New York : Churchill Livingstone; 1992.
Animal pain / edited by Charles E. Short, Alan Van Poznak. p. 525-537; 1992. Includes references.

Language: English

Descriptors: Animal experiments; Laboratory animals; Pain; Research; Teaching; Education; Legislation; Animal welfare

63 NAL Call. No.: SF407.R38G46
Genetic monitoring of inbred strains of rats a manual on colony management, basic monitoring techniques, and genetic variants of the laboratory rat. Hedrich, Hans J.; Adams, M.
International Council for Laboratory Animal Science
Stuttgart ; New York : Gustav Fischer Verlag,; 1990.
xii, 539 p. : ill. ; 25 cm. Includes bibliographical references and index.

Language: English

Descriptors: Rats as laboratory animals; Rats; Inbreeding

64 NAL Call. No.: 41.8 AM3
Greater participation by veterinarians in the reproductive management of dairy cattle.
Phatak, A.P.; Whitmore, H.L.
Schaumburg, Ill. : The Association; 1991 Jul01.
Journal of the American Veterinary Medical Association v. 199 (1): p. 74-76; 1991 Jul01. Includes references.

Language: English

Descriptors: Dairy cattle; Breeding programs; Veterinarians; Estrus; Detection; Artificial insemination; Pregnancy rate; Educational programs

65 NAL Call. No.: SF406.G8 1990
Guia para el cuidado y uso de animales de laboratorio.. Guide for the care and use of laboratory animals, Revisada en 1985.. Institute of Laboratory Animal Resources (U.S.), Committee on Care and Use of Laboratory Animals
Bethesda, Md.? : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, [1990?]; 1990; HE 20.3008:An 5/985/Spanish.
ix, 83 p. ; 23 cm. (NIH publication ; no. 90-23S).
Translation of: Guide for the care and use of laboratory animals. Shipping list no.: 90-716-P. "Publicacion no. 86-23 de los Institutos Nacionales de Salud"--P. [4] of cover. Includes bibliographical references (p. 59-73).

Language: Spanish; Spanish

Descriptors: Laboratory animals

66 NAL Call. No.: SF473.G68S25 1991
A guide to-- Gouldian finches their management, care & breeding.. Gouldian finches
Sammut, John; Marshall, Rob
South Tweed Heads, NSW : Published and edited by Australian Birdkeeper,; 1991. 88 p. : col. ill. ; 24 cm. Authors: John Sammut, Rob Marshall. Includes bibliographical references.

Language: English

Descriptors: Gouldian finch

67 NAL Call. No.: SF406.G85 1993
Guide to the care and use of experimental animals., 2nd ed.. Olfert, Ernest D.; Cross, Brenda M.; McWilliam, A. Ann
Canadian Council on Animal Care
Ottawa, Ont. : Canadian Council on Animal Care, c1993-; 1993-9999. v. ; 28 cm. Includes bibliographical references.

Language: English

Descriptors: Laboratory animals; Veterinary medicine

68 NAL Call. No.: SF762.S74 1992
A guided tour of veterinary anatomy domestic ungulates and laboratory mammals. Smallwood, James E.
Philadelphia : W.B. Saunders,; 1992.
vii, 390 p. : ill. ; 27 cm. Includes bibliographical references and index.

Language: English

Descriptors: Veterinary dissection; Veterinary anatomy; Laboratory animals

Guidelines for animal surgery in research and teaching.
Brown, M.J.; Pearson, P.T.; Tomson, F.N.
Schaumburg, Ill. : American Veterinary Medical Association;
1993 Sep. American journal of veterinary research v. 54 (9):
p. 1544-1559; 1993 Sep. Includes references.

Language: English

Descriptors: Laboratory animals; Animal experiments; Surgery;
Guidelines; Animal welfare; Teaching materials; Personnel;
Equipment; Preoperative care; Anesthesia; Postoperative care

70 NAL Call. No.: 410.9 P94
Guidelines for developing and managing an environmental
enrichment program for nonhuman primates.
Bloomsmith, M.A.; Brent, L.Y.; Schapiro, S.J.
Cordova, Tenn. : American Association for Laboratory Animal
Science; 1991 Aug. Laboratory animal science v. 41 (4): p.
372-377; 1991 Aug. Includes references.

Language: English

Descriptors: Primates; Environment; Enrichment; Guidelines;
Animal welfare; Record keeping; Costs; Plan implementation and
evaluation

Abstract: Before implementing an environmental enrichment
program for nonhuman primates, several issues should be
considered. The assignment of enrichment tasks can be made to
caretakers, a dedicated "enrichment technician," volunteers,
students or individuals with training in behavioral science.
Determining the enrichment techniques to be used must take
into account personnel time available; the species, age, sex,
and individual histories of the nonhuman primates; and
experimental protocols for which animals are being maintained.
Identifying the most beneficial way to use the available
personnel time must be tailored for each institution. To meet
federal regulations, records must be kept of the environmental
enhancements available to each nonhuman primate. Good record-
keeping will allow appropriate evaluation of the program. This
evaluation should involve the animals' responses to the
enrichment opportunity, cost and durability of enrichment
items, human and nonhuman safety considerations, and personnel
required. The well-being of captive nonhuman primates will be
most improved if well-informed decisions are made in
developing and managing environmental enrichment programs.

71 NAL Call. No.: QL55.A1L3
Guidelines for the care of laboratory animals in transit.
London : Royal Society of Medicine Services; 1993 Apr.
Laboratory animals v. 27 (2): p. 93-107; 1993 Apr. Includes
references.

Language: English

Descriptors: Laboratory animals; Transport of animals

72 NAL Call. No.: 41.8 V641
Guidelines for the interpretation of laboratory findings in
birds and mammals with unknown reference ranges: plasma
biochemistry.
Gascoyne, S.C.; Bennett, P.M.; Kirkwood, J.K.; Hawkey, C.M.

London : The British Veterinary Association; 1994 Jan01.
The Veterinary record : journal of the British Veterinary
Association v. 134 (1): p. 7-11; 1994 Jan01. Includes
references.

Language: English

Descriptors: Birds; Mammals; Blood chemistry

73 NAL Call. No.: HV4704.G8
Guidelines for the well-being of rodents in research from a
conference held by the Scientists Center for Animal Welfare in
Research Triangle Park, North Carolina on December 8, 1989,
with additional material provided by the authors.
Guttman, Helene N.
Scientists Center for Animal Welfare (Washington, D.C.)
Bethesda, MD : Scientists Center for Animal Welfare,; 1990.
vi, 105 p.: ill.; 28 cm. October 1990. Includes
bibliographical references.

Language: English

Descriptors: Rodents as laboratory animals; Congresses; Animal
welfare; Congresses

74 NAL Call. No.: SF601.J6 no.21-3
Guidelines for zoo and aquarium veterinary medical programs
and veterinary hospitals.
American Association of Zoo Veterinarians. Veterinary
Standards Committee S.l. : s.n. : ;; 1990.
i, 10, [1] : 1 form ; 26 cm. (Journal of zoo and wildlife
medicine ; v.21 no. 3 1990 suppl.). Cover title. Includes
bibliographical references (p. [117]).

Language: English

75 NAL Call. No.: HV4943.G7H25 1991
Handbook for the animal licence holder guidance for those
seeking authority under the animals (scientific procedures)
Act 1986., 2nd ed. rev.. Bunyan, J.
Institute of Biology
London : Institute of Biology,; 1991.
iv, 62 p. ; 24 cm. Includes bibliographical references (p.
53-57).

Language: English

Descriptors: Laboratory animals

76 NAL Call. No.: Q180.57.H36
Handbook of facilities planning.. Facilities planning
Ruys, Theodorus,
New York : Van Nostrand Reinhold, c1990-c1991; 1990-1991. 2 v.
: ill. ; 26 cm. Includes bibliographical references and
index.

Language: English

Descriptors: Physical laboratories; Laboratory animals

77 NAL Call. No.: SF406.W64 1994
Handbook of laboratory animal management and welfare.
Wolfensohn, Sarah; Lloyd, Maggie
Oxford ; New York : Oxford University Press,; 1994.
xi, 304 p. : ill. ; 24 cm. Includes bibliographical
references (p. [281]-293) and index.

Language: English

Descriptors: Laboratory animals; Animal welfare; Animal
experimentation

78 NAL Call. No.: QL55.H36 1994
Handbook of laboratory animal science.
Svendsen, Per; Hau, Jann
Boca Raton, Fla. : CRC Press,; 1994.
2 v. : ill. ; 27 cm. Includes bibliographical references and
index.

Language: English

Descriptors: Laboratory animals; Animal experimentation;
Animal models in research

79 NAL Call. No.: RL79.H36 1994
Handbook of mouse mutations with skin and hair abnormalities
animal models and biomedical tools.. Mouse mutations with
skin and hair abnormalities Sundberg, John P.
Boca Raton : CRC Press,; 1994.
544 p. : ill. ; 27 cm. (CRC series in dermatology). Includes
bibliographical references and index.

Language: English

Descriptors: Skin; Hair; Mice as laboratory animals; Mice

80 NAL Call. No.: SF407.M5H35 1991
Handbook on genetically standardized JAX mice.. Genetically
standardized JAX mice JAX mice, 4th ed..
Green, Margaret C.; Witham, Barbara A.
Jackson Laboratory (Bar Harbor, Me.)
Bar Harbor, ME : Jackson Laboratory,; 1991.
96 p. : ill. ; 28 cm. Includes bibliographical references and
index.

Language: English

Descriptors: Mice as laboratory animals; Inbreeding; Mice,
Inbred Strains

81 NAL Call. No.: HV4761.A5
Harming animals as part of biology education.
Orlans, F.B.
Washington, D.C. : The Institute; 1992.
The Animal Welfare Institute quarterly v. 41 (3): p. 9; 1992.

Language: English

Descriptors: Laboratory animals; Science education

82 NAL Call. No.: 275.29 F66
Hatchery manual for grass carp and other riverine cyprinids.
Rottmann, R.W.; Shireman, J.V.
Gainesville, Fla. : The Service; 1990.
Bulletin - Florida Cooperative Extension Service, University
of Florida (244): 28 p.; 1990. Includes references.

Language: English

Descriptors: Florida; Cyprinidae; Aquaculture; Fish culture;
Fish farming; Fish farms; Water supply; Fish ponds; Fishery
management; Spawning; Hormones; Farm equipment

83 NAL Call. No.: SF428.H85 1991
Humane care guidelines.
American Professional Pet Distributors, Inc
St. Paul, MN : American Professional Pet Distributors,
[1991?]; 1991. 96 p. : ill. ; 23 x 11 cm. Cover title.

Language: English

Descriptors: Kennel management; Kennels; Pets

84 NAL Call. No.: HV4701.A45
The importance of access to animal care committees: a primer
for activists. Francione, G.L.
Monroe, Conn. : Animal Rights Network; 1990 Sep.
The Animals' agenda v. 10 (7): p. 44-47. ill; 1990 Sep.
Includes references.

Language: English

Descriptors: Laboratory animals; Animal welfare; Committees;
Access; Information

85 NAL Call. No.: SF428.I57 1991
Improved healthcare in kennels and catteries proceedings of a
symposium held by the BSAVA at the University of Loughborough
on June 9th 1991.. Proceeding of a symposium on improved
healthcare in kennels and catteries Beynon, Peter H.
British Small Animal Veterinary Association
Symposium on Improved Healthcare in Kennels and Catteries 1991
: University of Loughborough.
Cheltenham : British Small Animal Veterinary Association,;
1991. 63 p. : ill. ; 30 cm. Cover title: Proceedings of a
Symposium on 'Improved Healthcare in Kennels and Catteries'
held at University of Loughborough - 9th June 1991. Includes
bibliographical references.

Language: English

Descriptors: Kennels; Pets; Pet boarding facilities

86 NAL Call. No.: HV4764.I58 1992
Institutional Animal Care and Use Committee guidebook.
National Institutes of Health (U.S.)
Bethesda, Md. : U.S. Dept. of Health and Human Services,
Public Health Service, National Institutes of Health ;
[Washington, D.C. : Supt. of Docs, U.S. G.P.O., distributor,
1992-]; 1992-9999; HE 20.3008:An 5/5. 1 v. (loose-leaf) ; 28
cm. (NIH publication ; no. 92-3415). Includes bibliographical

references.

Language: English; English

Descriptors: Laboratory animals; Animal experimentation;
Animal welfare

87 NAL Call. No.: S494.5.D3C652
An integrated computer instructional approach to improve dairy
cattle estrus detection.
Johnson, P.J.; Oltenacu, P.A.; Ferguson, J.D.
Amsterdam : Elsevier Science Publishers, B.V.; 1992 Apr.
Computers and electronics in agriculture v. 7 (1): p. 61-70;
1992 Apr. Includes references.

Language: English

Descriptors: Dairy cattle; Estrus; Computer simulation;
Computer assisted instruction; Learning ability; Computer
software; Flow charts; Animal husbandry; Farm management

88 NAL Call. No.: SF780.3.I57 1991
Interlaboratory Bacteriology Workshop Regional Veterinary
Laboratory, Orange, June 4th and 5th 1991.
Carrigan, Mark
Regional Veterinary Laboratory, Orange, NSW Agriculture,
Veterinary Laboratory Service
Interlaboratory Bacteriology Workshop 1991 : Regional
Veterinary Laboratory, Orange.
Orange, N.S.W.? : The Laboratory?, 1991?; 1991.
iv, 78 leaves : ill. ; 30 cm. "New South Wales Agriculture,
Veterinary Laboratory Service"--Prelim. Spiral bound volume.
Includes bibliographical references.

Language: English

Descriptors: Veterinary bacteriology; Veterinary laboratories;
Veterinary clinical pathology

89 NAL Call. No.: QL364.2.A27 1990
Invertebrate learning a laboratory manual and source book.
Abramson, Charles I.
Washington, D.C. : American Psychological Association,; 1990.
viii, 100 p. : ill. ; 28 cm. Includes bibliographical
references (p. 93-100).

Language: English

Descriptors: Invertebrates; Learning in animals

90 NAL Call. No.: QL55.A1I43
IRAC recommendation on LD50 testing.
Washington, Institute of Laboratory Animal Resources, National
Research Council; 1993.
ILAR news v. 35 (3/4): p. 56-58; 1993. Includes references.

Language: English

Descriptors: Laboratory animals; Lethal dose; Testing;
Committees; Guidelines; Policy; International organizations

91 NAL Call. No.: SF428.M25 1994
Kennels and kenneling a guide for professionals and hobbyists.
McMains, Joel M.
New York : Howell Book House ; Toronto : Maxwell Macmillan
Canada ; New York : Maxwell Macmillan International,; 1994.
xv, 205 p. : ill. ; 25 cm. Includes index.

Language: English

Descriptors: Kennels; Kennel management

92 NAL Call. No.: SF406.L33 1993
Lab animal care and use handbook.
University of Tennessee, Memphis, Dept. of Comparative
Medicine Memphis, Tenn. : The Dept., [1993?]; 1993.
1 v. (loose-leaf) ; 30 cm. Includes index.

Language: English

Descriptors: Laboratory animals

93 NAL Call. No.: QL813.L3M3 1990
Laboratory anatomy of the rabbit., 3rd ed..
McLaughlin, Charles Albert,; Chiasson, Robert B.
Dubuque, Iowa : Wm. C. Brown,; 1990.
ix, 112 p. : ill. (some col.) ; 28 cm. (Laboratory anatomy
series). Includes bibliographical references and index.

Language: English

Descriptors: Rabbits; Anatomy; Laboratory manuals; Dissection;
Mammals; Anatomy; Laboratory manuals

94 NAL Call. No.: QL55.A1L33
Laboratory animal science in Italy: legislation, education,
and training programs.
Guitani, A.
New York, N.Y. : Nature Publishing Company; 1992 Sep.
Lab animal v. 21 (8): p. 39-40, 42, 44; 1992 Sep. Includes
references.

Language: English

Descriptors: Italy; Animal experiments; Legislation;
Educational programs

95 NAL Call. No.: SF406.N92 1994
Laboratory animal welfare a guide to reference tools, legal
materials, organizations, federal agencies.
Nyberg, Cheryl; Porta, Maria A.; Boast, Carol
Twin Falls, ID : BN Books,; 1994.
xii, 389 p. ; 29 cm. "... partially supported by the U.S.
Department of Agriculture, National Agricultural Library,
Agreement No. 58-32U4-7-031, and by the University of Illinois
at Urbana-Champaign"--T.p. verso. Includes index.

Language: English

Descriptors: Laboratory animals; Animal welfare; Animal
experimentation

96 NAL Call. No.: QL55.A1L3
Laboratory animals: buyers' guide 1993.
London : Royal Society of Medicine Services; 1993.
Laboratory animals. 88 p.; 1993.

Language: English

Descriptors: Laboratory animals; Buyers' guides; Laboratory equipment

97 NAL Call. No.: 472 N42
The laboratory rat's guide to Europe.
MacKenzie, D.
London, Eng. : New Science Publications; 1992 May16.
New scientist v. 134 (1821): p. 29-31; 1992 May16.

Language: English

Descriptors: Europe; Animal experiments; Regulations; Animal welfare; European communities; Animal testing alternatives

98 NAL Call. No.: QL55.A1L3
LASA recommendations on education and training for licence holders under the UK Animals (Scientific Procedures) Act 1986-FELASA Categories B and C. Report of a committee accepted by LASA Council June 1992.
O'Donoghue, P.N.; Bunyan, J.; Buckwell, A.C.; Gregory, J.A.; Griffiths, P.H.M.; Howard, B.R.; Jones, H.; Millican, K.G.; Wilson, M.S.; Brouwer, G. London : Royal Society of Medicine Services; 1993 Jul.
Laboratory animals v. 27 (3): p. 189-205; 1993 Jul.

Language: English

Descriptors: Uk; Laboratory animals; Animal welfare; Guidelines

99 NAL Call. No.: 44.8 J822
LEARNREPRO: a computer-assisted training program for teaching dairy reproduction management.
Johnson, P.J.; Oltenacu, P.A.; Blake, R.W.
Champaign, Ill. : American Dairy Science Association; 1992
Aug. Journal of dairy science v. 75 (8): p. 2288-2293; 1992
Aug. Includes references.

Language: English

Descriptors: Dairy herds; Dairy education; Reproductive performance; Records; Computer assisted instruction

Abstract: LEARNREPRO consists of three computer software packages that were developed to improve dairy reproductive problem-solving skills by college students, professionals, and farmers. Tutorial drill and practice, and simulation approaches are utilized. The module REPRO-MEASURES covers six common DHI measures of herd reproductive performance. The USE-OF-RECORDS module integrates information from the previous module while presenting additional problem-solving strategies needed to analyze DHI reproductive records. The ESTRUS-DETECTION module addresses effective estrus detection

strategies. User surveys have demonstrated the need for more use of this instructional approach. Educators are encouraged to use these modules and also to develop additional computer teaching programs to facilitate the development of problem-solving skills.

100 NAL Call. No.: 41.8 V641
Legal cases involving birds: the role of the veterinary surgeon. Cooper, J.E.; Cooper, M.E.
London : The Association; 1991 Dec07.
The Veterinary record : journal of the British Veterinary Association v. 129 (23): p. 505-507; 1991 Dec07. Includes references.

Language: English

Descriptors: Uk; Wild birds; Veterinarians; Law; Guidelines; Clinical examination; Postmortem examinations

101 NAL Call. No.: 1 AG84PRO
Licensing and registration under the animal welfare act: guidelines for dealers, exhibitors, transporters, and researchers.
Washington, D.C. : The Department; 1992 Apr.
Program aid PA - U.S. Department of Agriculture v.): 20 p.; 1992 Apr.

Language: English

Descriptors: U.S.A.; Animal welfare; Law; Licenses; Usda; Regulation; Laboratory animals; Zoo animals

102 NAL Call. No.: SF89.G73 1992
Livestock trucking guide livestock management practices that reduce injuries to livestock during transport.
Grandin, Temple
Livestock Conservation Institute
Madison, WI : Livestock Conservation Institute; 1992.
16 p. : ill. ; 23 x 10 cm. Cover title. "By Temple Grandin"-
-P. 3. Includes bibliographical references (p. 16).

Language: English

Descriptors: Livestock; Swine; Cattle; Sheep

103 NAL Call. No.: 275.29 G29L
Management guide for the backyard flock.
Sander, J.E.; Lacy, M.P.
Athens, Ga. : The Service; 1991 Aug.
Leaflet - Cooperative Extension Service, University of Georgia (429): 12 p. ill; 1991 Aug.

Language: English

Descriptors: Georgia; Chicken meat; Poultry housing; Poultry diseases; Poultry feeding; Residential areas

104 NAL Call. No.: SF408.M362 1992
Management guidelines for bears and raccoons.
Partridge, John

Association of British Wild Animal Keepers
Eastville, Bristol U.K. : Association of British Wild Animal
Keepers,; 1992. 174 p. : ill. ; 21 cm. Editor: John
Partridge. Includes bibliographical references (p. 170-171)
and index.

Language: English

Descriptors: Bears; Raccoons; Zoo animals

105 NAL Call. No.: SF408.M36 1991
Management guidelines for exotic cats.
Partridge, John
Association of British Wild Animal Keepers
Eastville, Bristol, UK : Association of British Wild Animal
Keepers,; 1991. 153 p. : ill. ; 21 cm. Editor: John
Partridge. Bibliography: p. 150.

Language: English

Descriptors: Felidae; Zoo animals

106 NAL Call. No.: SF1.F64 no.104
The Management of global animal genetic resources proceedings
of an FAO expert consultation, Rome, Italy, April 1992..
Global animal genetic resources Hodges, John
Rome : Food and Agriculture Organization of the United
Nations,; 1992. vi, 309 p. : ill. ; 30 cm. (FAO animal
production and health paper ; 104). Includes bibliographical
references.

Language: English

Descriptors: Germplasm resources, Animal; Livestock; Animal
genetics

107 NAL Call. No.: SF895.P76
Management of spinal cord trauma.
Rucker, N.C.
Washington, D.C. : Fidia Research Foundation; 1990.
Progress in veterinary neurology v. 1 (4): p. 397-412; 1990.
Includes references.

Language: English

Descriptors: Spinal cord; Trauma; Clinical examination; Drug
therapy; Medical treatment; Professional continuing education;
Prognosis; Physiopathology; Surgery

108 NAL Call. No.: SF401.E3R66 1994
Managing elephants an introduction to the training and
management of elephants.
Roocroft, Alan; Zoll, Donald Atwell
Ramona, CA : Fever Tree Press,; 1994.
198 p. : ill. ; 23 cm.

Language: English

Descriptors: Elephants

109 NAL Call. No.: HV4708.056 1992
A manual of standard operating procedures for animal facilities. Olson, Merle E.; Morck, Douglas W.; Nabrotzky, Viola C. A. Calgary, Alta. : Dept. of Animal Care Services, University of Calgary,; 1992. 1 computer disk ; 3 1/2 in. + 1 sheet. Title from disk label.

Language: English

Descriptors: Animal welfare; Veterinary surgery; Laboratory animals

110 NAL Call. No.: KKH3122.V36 1990
Manuale di polizia veterinaria e igiene degli alimenti con prontuario sanzionatorio e modulistica aggiornati in base alla legge di depenalizzazione [A manual of veterinary policy and food hygiene]., 4. ed., aggiornata ed ampliata.. Vannucci, Velio; Silvestri, A. Rimini : Maggioli,; 1990. 479 p. : forms ; 24 cm. (Pratica professionale ; 5). Includes index.

Language: Italian

Descriptors: Veterinarians; Legal status, laws, etc; Italy; Veterinary hygiene; Law and legislation; Italy

111 NAL Call. No.: 275.9 N213
Meeting general education requirements for computing skills by revamping a science-based dairy management course. Kazmer, G.W. Urbana, Ill. : National Association of Colleges and Teachers of Agriculture; 1991 Dec. NACTA journal v. 35 (4): p. 41-43; 1991 Dec. Includes references.

Language: English

Descriptors: Connecticut; Dairy education; Dairy science; Educational courses; Computer assisted instruction

112 NAL Call. No.: SF745.M4 1991
The Merck veterinary manual a handbook of diagnosis, therapy, and disease prevention and control for the veterinarian., 7th ed.. Fraser, Clarence M. Rahway, N.J. : Merck & Co.,; 1991. xxxii, 1832 p. ; 19 cm. Includes index.

Language: English

Descriptors: Veterinary medicine

113 NAL Call. No.: SF781.C365 1993
Microbial diseases a veterinarian's guide to laboratory diagnosis., 1st ed.. Carter, G. R.; Chengappa, M. M. Ames, Iowa : Iowa State University Press,; 1993. xiv, 304 p. ; 22 cm. Includes index.

Language: English; English

Descriptors: Communicable diseases in animals; Veterinary clinical pathology

114 NAL Call. No.: HV4765.M4M7 1991
MSPCA canister caretaker volunteer training manual., Rev. 5/91.. Massachusetts Society for the Prevention of Cruelty to Animals Boston, Mass. : Massachusetts Society for the Prevention of Cruelty to Animals,; 1991.
1 v. (unpaged) : ill. ; 30 cm. Accompanied by 4 sheets and 2 journal articles.

Language: English

Descriptors: Volunteers

115 NAL Call. No.: 41.8 Am3
New technique and management guidelines for percutaneous nonendoscopic tube gastrostomy.
Mauterer, J.V. Jr; Adood, S.K.; Buffington, C.A.; Smeak, D.D. Schaumburg, Ill. : The Association; 1994 Aug15.
Journal of the American Veterinary Medical Association v. 205 (4): p. 574-579; 1994 Aug15. Includes references.

Language: English

Descriptors: Cats; Dogs; Tube feeding; Methodology; Veterinary equipment; Surgical operations; Guidelines; Postoperative complications

116 NAL Call. No.: SF401.C2053 1992
The One-humped camel (*Camelus dromedarius*) in eastern Africa a pictorial guide to diseases, health care and management.
Schwartz, H. J.; Dioli, M. Weikersheim, FR Germany : J. Margraf,; 1992.
282 p. : ill. (some col.) ; 31 cm. Includes bibliographical references and index.

Language: English; English

Descriptors: Camels; Camels

117 NAL Call. No.: 275.29 G29B
Ostrich management guide.
Bastien, R.W. Athens, Ga. : The Service; 1991 Feb.
Bulletin - Cooperative Extension Service, University of Georgia, College of Agriculture (1048): 8 p. ill; 1991 Feb. Includes references.

Language: English

Descriptors: Ostriches; Animal breeding; Incubation; Animal feeding

118 NAL Call. No.: 41.8 AM3
An overview of new guidelines on the use and dispensing of veterinary drugs. Sterner, K.E. Schaumburg, Ill. : The Association; 1991 Mar01.
Journal of the American Veterinary Medical Association v. 198 (5): p. 825-826; 1991 Mar01. Paper presented at the

"Symposium on Prevention of Unwanted Drug Residues," 1989,
Orlando, Florida.

Language: English

Descriptors: Drugs; Guidelines; Veterinarians

119 NAL Call. No.: aSF601.U5
Peace Corps veterinarians in Morocco.
Prouty, C.
Hyattsville, Md. : The Programs; 1991.
Foreign animal disease report - U.S. Department of
Agriculture, Animal and Plant Health Inspection Service,
Veterinary Services, Emergency Programs (19-1): p. 7-8; 1991.

Language: English

Descriptors: Morocco; U.S.A.; Animal diseases; Disease
control; Educational programs; Public agencies; Volunteers;
Veterinarians; Federal programs; Technical aid; Cooperative
activities; Veterinary services

120 NAL Call. No.: SF459.S9W35 1992
Pet pigs advice on management, training and health care.
Walton, J. R.,; Carr, John; Duran, Oliver
Liverpool : Liverpool University Press,; 1992.
viii, 30 p. : ill. ; 24 cm. Includes bibliographical
references (p. 27) and index.

Language: English

Descriptors: Swine; Pets

121 NAL Call. No.: SF395.B42
Pigs a guide to management.
Beynon, Neville
Wiltshire : Crowood,; 1990.
175 p. : ill. ; 22 cm. Includes bibliographical references
(p. 167-168) and index.

Language: English

Descriptors: Swine

122 NAL Call. No.: SF493.M54 1992
Poultry breeders directory a resource guide for backyard
poultry keepers and pure breed fanciers., 2nd ed..
Miller, Megg
Euroa, Vic. : Night Owl Publishers,; 1992.
72 p. : ill. ; 21 cm.

Language: English

Descriptors: Poultry

123 NAL Call. No.: SF995.84.P76 1992
Proceedings American Association of Zoo Veterinarians and
American Association of Wildlife Veterinarians, joint
conference November 15-19, 1992, [Oakland, California]..
Joint conference American Association of Zoo Veterinarians and

American Association of Wildlife Veterinarians AAZV/AAWV
annual proceedings 1992

Junge, Randall E.

American Association of Zoo Veterinarians, American
Association of Wildlife Veterinarians

S.l. : s.n.,; 1992.

404 p. : ill. ; 28 cm. Cover title: Proceedings joint
conference American Association of Zoo Veterinarians and the
American Association of Wildlife Veterinarians. Spine title:
AAZV/AAWV annual proceedings 1992. Includes bibliographies
and index.

Language: English

Descriptors: Zoo animals; Veterinary medicine; Wildlife
diseases

124 NAL Call. No.: SF771.P76 1990

Proceedings of commercial diagnostic technology in animal
health monitoring May 3-4, 1990, Scheman Building, Iowa State
University, Ames, Iowa. Bunn, Thomas; Hoffman, Lorraine
Iowa State University, Veterinary Diagnostic Laboratory,
National Veterinary Services Laboratories (U.S.)

Ames, Iowa : Iowa State University,; 1990.

iv, 241 p. : ill. ; 28 cm. Prepared by Mary Holz-Clause,
Kerry Gibson and Valerie King and assisted by Teri Manley and
Michelle Gaertner. Includes bibliographical references.

Language: English

Descriptors: Veterinary medicine; Animal health technology

125 NAL Call. No.: SF994.A87 1990

Proceedings of the 1990 Annual Conference of the Association
of Avian Veterinarians Phoenix, Arizona, September 10-15,
1990.

Association of Avian Veterinarians. Conference (1990 :
Phoenix, Ariz.) Lake Worth, FL : The Association,; 1990.

538 p. : ill. ; 28 cm. Includes bibliographical references
and index.

Language: English

Descriptors: Birds; Cage birds

126 NAL Call. No.: 41.8 Am3

Putting "essence" into veterinary continuing education:
facilitation skills for continuing education program
presenters to accommodate adult learning styles.

Fassig, S.M.

Schaumburg, Ill. : The Association; 1994 May01.

Journal of the American Veterinary Medical Association v. 209
(9): p. 1326-1328; 1994 May01. Includes references.

Language: English

Descriptors: Veterinary education; Continuing education; Adult
learning; Teaching skills

127 NAL Call. No.: 41.8 Am3

Putting "essence" into veterinary continuing education: making

a presentation session a positive learning experience for the facilitator. Fassig, S.M.

Schaumburg, Ill. : The Association; 1994 May15.

Journal of the American Veterinary Medical Association v. 204 (10): p. 1548-1550; 1994 May15. Includes references.

Language: English

Descriptors: Veterinary education; Continuing education; Learning experiences; Teachers

128 NAL Call. No.: Z7994.L3A5

Reduction of animal experiments in education in the Netherlands. Nab, J.

Nottingham : Fund for the Replacement of Animals in Medical Experiments; 1990 Nov.

Alternatives to laboratory animals : ATLA v. 18: p. 57-63; 1990 Nov. Includes references.

Language: English

Descriptors: Netherlands; Cabt; Laboratory animals; Education

Abstract: From an academic point of view the use of animals in education is primarily as tools to achieve learning objectives. The introduction of alternatives in education requires an appreciation of both the learning objectives of these animal experiments and the possibilities and limitations of alternatives. In the Netherlands, a government-funded project is in progress, with the aim of developing the use of alternatives to animal experiments in education. The numbers of animals used for educational purposes was reduced by 40%, in the period 1978-1988. This paper presents an overview of the objectives of the use of animals for experiments in education and of the alternatives currently available to academia.

129 NAL Call. No.: QL55.R44 1993

Refinement and reduction in animal testing proceedings of a conference held in Philadelphia, Pennsylvania, September 17-18, 1992.

Niemi, Steven M.; Willson, John E.

Scientists Center for Animal Welfare (Bethesda, Md.)

Bethesda, Md. : Scientists Center for Animal Welfare; 1993.

iv, 138 p. : ill. ; 23 cm. June 1993. Cover title:

Proceedings of a conference held by the Scientists Center for Animal Welfare on September 17-18, 1992 in Philadelphia, Pennsylvania. Page 109 omitted from original published volume, distributed later as erratum. Includes bibliographical references.

Language: English

Descriptors: Laboratory animals; Animal welfare

130 NAL Call. No.: QL55.H8

Replacement of laboratory animals in an introductory-level psychology laboratory.

Cohen, P.S.; Block, M.

Washington Grove, MD : Psychologists for the Ethical Treatment of Animals; 1991.

Humane innovations and alternatives v. 5: p. 221-225; 1991.

Includes references.

Language: English

Descriptors: Laboratory animals; Animal testing alternatives;
Teaching materials; Psychology; Educational courses

131 NAL Call. No.: SF407.P7R86 1992
Research protocol & technician's manual a guide to the care,
feeding, & evaluation of infant monkeys.. Research protocol
and technician's manual, 2nd ed..
Ruppenthal, Gerald C.; Sackett, Gene P.
University of Washington, Infant Primate Research Laboratory
Seattle, Wash. : Infant Primate Research Laboratory at the
University of Washington,; 1992.
83, [60] p. : ill. ; 28 cm. Includes bibliographical
references.

Language: English

Descriptors: Primates; Primates as laboratory animals

132 NAL Call. No.: 41.8 AM3
Research training for veterinarians and graduate education in
veterinary medical colleges.
Cornelius, C.E.; Biery, D.N.; Easterday, B.C.; McGuire, T.C.
Jr; Pedersen, N.C.; Phemister, R.D.; Pritchard, W.R.
Schaumburg, Ill. : The Association; 1993 May01.
Journal of the American Veterinary Medical Association v. 202
(9): p. 1368-1372; 1993 May01. Includes references.

Language: English

Descriptors: U.S.A.; Veterinary education; Animal experiments;
Veterinarians; Graduate study; Veterinary schools

133 NAL Call. No.: HV4933.T4U5
Responsible care and use of animals in research and training
institutional animal care training program.. Institutional
animal care training program University of Texas Health
Science Center at San Antonio
San Antonio, Tex. : University of Texas Health Science Center
at San Antonio, [1990?]; 1990.
36 p. : ill. ; 30 cm.

Language: English

Descriptors: Laboratory animals; Animal welfare; Animal models
in research; Bioethics

134 NAL Call. No.: SF407.R6R63 1994
Rodents and rabbits current research issues : proceedings of a
conference sponsored by SCAW and WARDS held in Washington,
D.C. on May 21, 1993. Niemi, Steven M.; Venable, Joseph S.;
Guttman, Helene N.
Scientists Center for Animal Welfare, Working with Animals
Used in Research, Drugs, and Surgery
Greenbelt, MD (7833 Walker Dr., Suite 340, Greenbelt 20770) :
Scientists Center for Animal Welfare ; Washington, DC (1660 L
St. N.W., #612, Washington 20036) : WARDS,; 1994.
iii, 81 p. : ill. ; 28 cm. Includes bibliographical

references.

Language: English

Descriptors: Rodents as laboratory animals; Rabbits as laboratory animals; Animal experimentation; Animal welfare

135 NAL Call. No.: SF601.J62

Strategic positioning of the veterinary profession for the needs of the 1990s and beyond.

Pritchard, W.R.

Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1991.

Journal of veterinary medical education v. 18 (1): p. 6-10; 1991. Includes references.

Language: English

Descriptors: Veterinary profession; Veterinary medicine; Veterinarians; Veterinary education; Veterinary schools; Research

136 NAL Call. No.: HV4704.S85 1990

Summary proceedings of a workshop on the care and husbandry of captive chimpanzees.

Rowan, Andrew N.; Moore, Deborah E.

Tufts University, Center for Animals and Public Policy
N. Grafton, MA : Tufts Center for Animals and Public Policy, Tufts School of Veterinary Medicine; 1990.

v, 40 p. ; 28 cm. (Report (Tufts University. Center for Animals and Public Policy) ; no. 6). May 1990. Cover title. Workshop held at Tufts University School of Veterinary Medicine on May 10 and 11, 1989. Includes bibliographical references.

Language: English

Descriptors: Chimpanzees as laboratory animals

137 NAL Call. No.: SF601.J62

Survey of the surgical curricula of veterinary colleges.

Hartmann, E.P.

Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1990.

Journal of veterinary medical education v. 17 (1): p. 8-10; 1990. Includes references.

Language: English

Descriptors: U.S.A.; Veterinary education; Surgery; College curriculum; Surveys; Laboratory animals; Teaching methods; Animal testing alternatives; Animal welfare

138 NAL Call. No.: SF601.J62

Survival vs. terminal animal laboratories to teach small animal surgery. Bauer, M.S.; Glickman, N.; Salisbury, S.K.; Toombs, J.P.; Prostedny, J.M. Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1992.

Journal of veterinary medical education v. 19 (2): p. 54-58; 1992. Includes references.

Language: English

Descriptors: Dogs; Cats; Surgery; Teaching methods; Animal experiments; Cadavers; Euthanasia; Survival; Veterinary education; College students; Attitudes; Beliefs; Learning experiences; Academic achievement; Animal welfare

139 NAL Call. No.: QL55.I5

The symbiosis of legislation and of voluntary control--the Canadian experience.

Rowse, H.C.

Sussex : The Institute; 1991 Apr.

Animal technology : journal of the Institute of Animal Technology v. 42 (1): p. 1-10; 1991 Apr. Includes references.

Language: English

Descriptors: Canada; Animal experiments; Laboratory animals; Teaching; Training; Testing; Legislation; Regulations; Animal welfare

140 NAL Call. No.: SF604.P82 no.132

Symposium on Tuberculosis Palmerston North, April 1991.

Jackson, Ron

New Zealand Veterinary Association, Foundation for Continuing Education, New Zealand Veterinary Association, Epidemiology and Animal Health Management Branch, New Zealand Veterinary Association, State Veterinarians Branch Symposium on Tuberculosis 1991 : Palmerston North, N.Z.

Palmerston North [N.Z.] : Veterinary Continuing Education, Massey University, [1991?]; 1991.

293 p. : ill., maps ; 29 cm. (Publication (Massey University. Veterinary Continuing Education) ; no. 132.). Includes bibliographical references and index.

Language: English

Descriptors: Tuberculosis in animals

141 NAL Call. No.: QL55.I5

Technicians and the use of animals for teaching purposes.

Close, B.S.

Sussex : The Institute; 1990 Dec.

Animal technology : journal of the Institute of Animal Technology v. 41 (3): p. 223-228; 1990 Dec. Includes references.

Language: English

Descriptors: Technicians; European communities; Education; Animals; Animal welfare

142 NAL Call. No.: DISS F1992272

Die tierärztliche Ausbildung im Urteil von Examenskandidaten (1984/1985) und approbierten Tierärzten (1990) eine vergleichende Untersuchung bei Absolventen der Tierärztlichen Hochschule Hannover vor dem Hintergrund der Entwicklung des tierärztlichen Berufes und der Ausbildung [An assessment of veterinary medical training based on doctoral candidates (1984/1985) and licensed veterinarians (1990)].

Witthoft, Sibylle

Hannover : [s.n.],; 1992.
285 p. : ill. ; 21 cm. Summary in English. Includes
bibliographical references (p. 230-250).

Language: German

143 NAL Call. No.: SF601.V523
Trainers and chokers: how dog trainers affect behavior
problems in dogs. Myles, S.
Philadelphia, Pa. : W.B. Saunders Company; 1991 Mar.
The Veterinary clinics of North America : Small animal
practice v. 21 (2): p. 239-246; 1991 Mar. In the series
analytic: Advances in companion animal behavior / edited by
A.R. Marder and V. Voith.

Language: English

Descriptors: Dogs; Behavior problems; Training of animals;
Training officers; Veterinarians

144 NAL Call. No.: QL55.A1L33
Training by microchip in the animal facility.
Miller, L.
New York, N.Y. : Nature Publishing Company; 1992 Feb.
Lab animal v. 21 (2): p. 37-41; 1992 Feb.

Language: English

Descriptors: Technicians; Training; Computer techniques

145 NAL Call. No.: Videocassette no.1315
Training corral-living rhesus monkeys for fecal and blood
sample collection Jeff Falkenstein Productions ; M.R. Clarke
... [et al].
Clarke, M. R.
Delta Regional Primate Research Center, Jeff Falkenstein
Productions Covington, LA : Falkenstein Productions : Delta
Regional Primate Research Center,; 1990.
1 videocassette (27 min.) : sd., col. ; 1/2 in. + 1 article
reprint (3 p.)..

Language: English

Descriptors: Blood; Feces; Rhesus monkey; Animal welfare;
Laboratory animals; Primates

Abstract: This videotape shows the acclimation techniques to
reduce stress for corral-living rhesus monkeys (*Macaca
mulatta*) when collecting fecal and blood samples. The monkeys
are given food rewards in return for defecation in single
holding cages. They also are trained to extend their leg
through a modified squeeze cage for unanesthetized bleeding
from the saphenous vein. Once the acclimation is completed,
the animals are shown to be relaxed during the procedure. One
adult female continued to nurse her neonate infant through the
venipuncture. This behavior modification is intended to reduce
stress and increase safety for the animals and the
technicians. This tape also provides a look at the corral
facility at the Delta Regional Primate Research Center at
Tulane University.

146 NAL Call. No.: QL55.I5
Training in laboratory animal medicine and science: the Canadian situation. McLaughlin, S.
Sussex : The Institute; 1990 Dec.
Animal technology : journal of the Institute of Animal Technology v. 41 (3): p. 181-190; 1990 Dec. Includes references.

Language: English

Descriptors: Canada; Technical training; Veterinary education; Technicians; Veterinarians; Research workers; Laboratory animals

Abstract: Education of technicians, investigators and laboratory animal veterinarians is a matter of increasing concern in Canada. Three basic training models exist for technicians: full-time college programs, in-house courses and a cooperative venture involving a community college (St. Lawrence, Kingston) and participating laboratory animal facilities coast-to-coast across Canada. CALAS/ACTAL maintains a technician registry. Training of investigators is all done currently in-house. In some universities, this training is mandatory. The CCAC syllabus provides guidelines for such training courses. Currently there is not a registry for investigators. There are limited opportunities in Canada for postdoctoral training in laboratory animal medicine for veterinarians. The situation is under review by CALAM which is conducting a needs assessment. Canadian laboratory animal veterinarians seeking recognition for specialised training must do so currently by writing to the Board examination of the American College of Laboratory Animal Medicine (ACLAM).

147 NAL Call. No.: aZ5071.N3
Training material for animal facility personnel, January 1989-January 1994. Allen, T.
Beltsville, Md., National Agricultural Library; 1994 Mar.
Quick bibliography series - National Agricultural Library (94-17): 60 p.; 1994 Mar. Updates QB 91-107.07.

Language: English

Descriptors: Animals; Laboratories; Research; Careproviders; Workers; Training; Teaching materials; Bibliographies

148 NAL Call. No.: aZ5071.N3
Training materials for animal facility--personnel January 1979 - August 1990. Clingerman, K.J.
Beltsville, Md. : The Library; 1990 Oct.
Quick bibliography series - U.S. Department of Agriculture, National Agricultural Library (U.S.). (91-07): 18 p.; 1990 Oct. Bibliography.

Language: English

Descriptors: Animal husbandry; Farm workers

149 NAL Call. No.: SF914.A53 1990
Training of animal care and use personnel: principles and program implementation.
Anderson, L.C.; Brown, M.J.
Columbia, Md. : American College of Laboratory Animal

Medicine, 1990? :.; 1990.

Anesthesia and analgesia in laboratory animals : proceedings -
- 1990 Forum, American College of Laboratory Animal Medicine,
Columbia Inn, Columbia, Maryland, May 3-6, 1990. p. 113-115;
1990.

Language: English

Descriptors: Training; Technicians; Animal husbandry

150 NAL Call. No.: SF407.M37B68

The UFAW handbook on the care and management of cephalopods in
the laboratory.. Care and management of cephalopods in the
laboratory Care & management of cephalopods in the laboratory
Boyle, P. R.

Universities Federation for Animal Welfare

Potters Bar, Herts. [England] : Universities Federation for
Animal Welfare,; 1991.

63 p. : ill. ; 25 cm. Includes bibliographical references (p.
53-58).

Language: English

Descriptors: Marine invertebrates as laboratory animals;
Cephalopoda

151 NAL Call. No.: HV4959.N45U83 1990

The Use and welfare of experimental animals proceedings of the
symposium held at the Royal Society of New Zealand, May 1989.
Royal Society of New Zealand

Wellington, N.Z. : The Society,; 1990.

85 p. : 1 ill. ; 30 cm. (Miscellaneous series (Royal Society
of New Zealand) ; 22.). Includes bibliographical references.

Language: English

Descriptors: Animal experimentation; Laboratory animals

152 NAL Call. No.: SF406.U84

The Use of animals at Cornell University a policies and
procedures manual. Cornell University, Center for Research
Animal Resources

Ithaca, N.Y.? : Cornell University, [1990?]-; 1990-9999.

1 v. (loose-leaf) : ill. ; 30 cm. "Center for Research Animal
Resources is responsible for developing this manual, updating
and supplementing it as necessary, ... "--P. [5]. Includes
bibliographical references and index.

Language: English

Descriptors: Laboratory animals; Animal experimentation;
Animal welfare; Animal models in research

153 NAL Call. No.: Z7994.L3A5

The use of animals in behavioural science education in the
USA: finding alternatives that address personal concerns and
ethical dilemmas. Cohen, P.S.; Block, M.L.

Nottingham : Fund for the Replacement of Animals in Medical
Experiments; 1990 Nov.

Alternatives to laboratory animals : ATLA v. 18: p. 51-56;
1990 Nov. Includes references.

Language: English

Descriptors: U.S.A.; Cabt; Laboratory animals; Bioethics;
Science education

Abstract: In this paper, we describe our efforts to develop a humanitarian approach to the teaching of behavioural science using animals. Reduction, replacement and refinement of animal use in education are most useful if they help reconnect students and teachers with their underlying feelings, attitudes and ethical values related to animal usage. In order to initiate this reconnection process, we established the Northeastern University Center for Science Education (NUCASE) to encourage the dissemination of information and the development of projects that address ethical issues in college science curricula. Two directions that NUCASE has piloted using a humanitarian approach are outlined: an alternative to the traditional animal laboratory course in learning that uses student-run field experiments with feral pigeons in a park; and a conference designed to promote open interchange about personal concerns and ethical dilemmas in the use of animals in education.

154 NAL Call. No.: SF601.J62
Use of the laboratory rabbit in the small animal student surgery laboratory. Boothe, H.W.; Hartsfield, S.M. Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1990.
Journal of veterinary medical education v. 17 (1): p. 16-18; 1990. Includes references.

Language: English

Descriptors: Veterinary education; Surgery; Rabbits; Anesthesia; Surgical operations; Learning experiences; Animal anatomy; Animal testing alternatives

155 NAL Call. No.: SF601.V523
A user's guide to veterinary surgical pathology laboratories or, why do I still get a diagnosis of chronic dermatitis even when I take a perfect biopsy?. Dunstan, R.W. Philadelphia, Pa. : W.B. Saunders Company; 1990 Nov.
The Veterinary clinics of North America : Small animal practice v. 20 (6): p. 1397-1417; 1990 Nov. In the series analytic: Advances in Clinical dermatology / edited by D.J. DeBoer. Includes references.

Language: English

Descriptors: Small animal practice; Dogs; Dermatology; Pathology; Skin; Biopsy; Laboratory methods; Skin diseases; Diagnosis; Tissues; Animal tissues; Histopathology; Fixation; History

156 NAL Call. No.: HV4928.U84 1992
Using animals in intramural research guidelines for investigators. NIH Animal Care and Use Committee, NIH Training Center (U.S.) Bethesda, Md. : NIH Animal Care and Use Committee : NIH Training Center; 1992; HE 20.3008:AN 5/3/92. 1 v. (various pagings) : ill. ; 28 cm. Cover title. Shipping list no.: 92-0682-P. Includes bibliographical references.

Language: English; English

Descriptors: Laboratory animals; Animal experimentation;
Animal welfare

157 NAL Call. No.: 41.8 Am3
Veterinarians as animal advocates during disasters: The
California Veterinary Medical Association's disaster response
program.
Marshall, K.; Norman, B.B.; Schumacher, R.; Sahara, R.;
Robertson, V. Schaumburg, Ill. : The Association; 1993 Oct01.
Journal of the American Veterinary Medical Association v. 203
(7): p. 1002-1005; 1993 Oct01. Paper presented at the
"Symposium on Disaster Medicine", Minneapolis, Minnesota.
Includes references.

Language: English

Descriptors: California; Cabt; Veterinarians; Disasters;
Fires; Planning; Guidelines

158 NAL Call. No.: 41.8 Am3
The veterinarian's role in the AIDS crisis.
Gill, D.M.; Stone, D.M.
Schaumburg, Ill. : The Association; 1992 Dec01.
Journal of the American Veterinary Medical Association v. 201
(11): p. 1683-1684; 1992 Dec01. Includes references.

Language: English

Descriptors: Pets; Zoonoses; Acquired immune deficiency
syndrome; Disease prevention; Guidelines; Veterinarians

159 NAL Call. No.: 41.8 R3224
A veterinarians's guide to the correction of dominance
aggression. Landsberg, G.
Ottawa : Canadian Veterinary Medical Association; 1990 Feb.
The Canadian veterinary journal v. 31 (2): p. 121-124. ill;
1990 Feb. Includes references.

Language: English

Descriptors: Dogs; Aggressive behavior; Social dominance;
Behavior modification; Guidelines; Behavior problems

160 NAL Call. No.: SF1.F64 no.81
Veterinary diagnostic bacteriology a manual of laboratory
procedures for selected diseases of livestock.
Alton, G. G.
Food and Agriculture Organization of the United Nations
Rome : Food and Agriculture Organization of the United
Nations,; 1990. ix, 200 p. ; 21 cm. (FAO animal production and
health paper ; 81). Includes bibliographical references.

Language: English

Descriptors: Veterinary medicine; Veterinary clinical
pathology; Livestock

161 NAL Call. No.: 41.8 AM3
The veterinary medical/health sciences library as a continuing education opportunity for veterinarians.
Lee, T.P.
Schaumburg, Ill. : The Association; 1993 Feb01.
Journal of the American Veterinary Medical Association v. 202 (3): p. 381-383; 1993 Feb01. Includes references.

Language: English

Descriptors: Veterinary education; Continuing education

162 NAL Call. No.: 41.8 J8292
Veterinary pathology, the benefits and the cost.
Kelly, D.F.
London : British Veterinary Association; 1994 Feb.
The Journal of small animal practice v. 35 (2): p. 65-67; 1994 Feb.

Language: English

Descriptors: Veterinary medicine; Pathology; Training; Veterinarians

163 NAL Call. No.: HV4704.W38 1990
The Well-being of agricultural animals in biomedical and agricultural research proceedings from a SCAW-sponsored conference, Agricultural Animals in Research, held September 6-7, 1990 in Washington, D.C., with additional material provided by the authors.. Well being of agricultural animals in biomedical and agricultural research
Mench, Joy A.; Mayer, Stephen J.; Krulisch, Lee
Scientists Center for Animal Welfare (Washington, D.C.), Animal Welfare Information Center (U.S.)
Bethesda, MD : Scientists Center for Animal Welfare,; 1992. viii, 112 p. : ill. ; 28 cm. February 1992. The National Agricultural Library's Animal Welfare Information Center through Specific Cooperative agreement no. 58-32U4-0-36 helped make this publication possible. Includes bibliographical references and index.

Language: English

Descriptors: Laboratory animals; Livestock; Animal experimentation; Animal welfare

164 NAL Call. No.: 41.8 AM3
What industry needs: a broad, problem-solving education in animal health. Welser, J.R.
Schaumburg, Ill. : The Association; 1992 Feb01.
Journal of the American Veterinary Medical Association v. 200 (3): p. 298-301; 1992 Feb01. Paper presented at the " Public and Corporate Veterinary Practice Symposium, Sept. 15-17, 1991, College Park, Maryland. Includes references.

Language: English

Descriptors: Veterinary education; Veterinary profession; Veterinarians; Animal health

165 NAL Call. No.: SF601.J62

The Wisconsin senior rotation in ambulatory service: a new approach to on-farm instruction in large animal medicine, surgery, and herd health management. MacWilliams, P.S.; Easterday, B.C.; McGuirk, S.M. Blacksburg, Va. : The Association of American Veterinary Medical Colleges; 1992. Journal of veterinary medical education v. 19 (1): p. 15-18; 1992. Includes references.

Language: English

Descriptors: Wisconsin; Veterinary education; On-farm training; Veterinary medicine; College curriculum; Large animal practice; Clinical experience; Practical education; Livestock; Teaching methods

166 NAL Call. No.: 41.8 V643
Working within the law: guidelines for veterinary surgeons and wildlife rehabilitators on the rehabilitation of wild mammals. Harris, S.; Jefferies, D.J. London : Bailliere Tindall; 1991 Jan. British veterinary journal v. 47 (1): p. 1-17; 1991 Jan. Includes references.

Language: English

Descriptors: Uk; Wild animals; Wildlife management; Rehabilitation; Veterinary jurisprudence

Abstract: In recent years there has been a considerable increase in the numbers of both veterinary surgeons and wildlife rehabilitators involved in the care and rescue of wildlife. Several publications are available offering practical advice on what to do, but many of the people working in this field are unclear as to which laws apply to wildlife rehabilitation. This paper provides a summary of the legal position as it relates to the rehabilitation of wild mammals in Britain. The present review updates and summarizes current information on the sources, solubility and toxicity of lead and its compounds, their concentration in blood, milk and various tissues and organs of the body and finally their excretion. Areas requiring further studies are also identified.

167 NAL Call. No.: SF406.3.W67 1993
Workshop proceedings approaches to the design and development of cost-effective laboratory animal facilities : a workshop sponsored by the Canadian Council on Animal Care, Ottawa, Ontario, June 9-11, 1993.. Approaches to the design and development of cost-effective laboratory animal facilities McKay, Donald G.; Neil, David H. Canadian Council on Animal Care Ottawa, Ont. : Canadian Council on Animal Care, [1993?]; 1993. xvi, 274, [31] p. : ill. ; 28 cm. Includes bibliographical references.

Language: English

Descriptors: Laboratory animals

Author Index

Abramson, Charles I. 89
Adams, M. 63
Adood, S.K. 115
Adsit, K.I. 59
Albin, R. C. 23
Allen, T. 147
Alton, G. G. 160
American Association of Swine Practitioners 19
American Association of Zoo Veterinarians, American
Association of Wildlife Veterinarians 123
American Association of Zoo Veterinarians. Veterinary
Standards Committee 74
American College of Laboratory Animal Medicine, Abbott
Laboratories 2
American College of Laboratory Animal Medicine. Forum (1990 :
Columbia, Md.) 2
American Professional Pet Distributors, Inc 83
Anderson, L.C. 149
Association for the Study of Animal Behaviour, Animal Behavior
Society 58
Association of Avian Veterinarians. Conference (1990 :
Phoenix, Ariz.) 125
Association of British Wild Animal Keepers 104, 105
Australian Association of Cattle Veterinarians, University of
Sydney, Post-Graduate Committee in Veterinary Science 48
Bader, J.D. 10
Barnes, Charles D., 40
Barnes, Charles D.,_1935- 40
Bastien, R.W. 117
Bauer, M.S. 138
Beasley, V. 44
Becker, H. Neil 19
Beckett, S.D. 27
Bennett, B. T. 57
Bennett, P.M. 72
Berg, J. 9
Beynon, Neville 121
Beynon, Peter H. 85
Biery, D.N. 132
Blake, R.W. 99
Block, M. 130
Block, M.L. 153
Bloomsith, M.A. 70
Boast, Carol 95
Bonnett, B. 47
Boothe, H.W. 154
Borchard, Ronald E. 40
Boyle, P. R. 150
Branch, C.E. 27
Brent, L.Y. 70
British Small Animal Veterinary Association 85
Brouwer, G. 98
Brown, M. J. 57
Brown, M.J. 69, 149
Brown, Robert D. 14
Buckwell, A.C. 98
Buffington, C.A. 115
Bundesinstitut fur Berufsbildung 56
Bunn, Thomas 124
Bunyan, J. 75, 98

Canadian Council on Animal Care 67, 167
Carr, John 120
Carrigan, Mark 88
Carter, G. R. 113
Chengappa, M. M. 113
Chiasson, Robert B. 93
Clarke, M. R. 145
Clifton, M. 37
Clingerman, K.J. 148
Close, B.S. 141
Cohen, P.S. 130, 153
Cooper, J.E. 100
Cooper, M.E. 100
Cornelius, C.E. 132
Cornell University, Center for Research Animal Resources 152
Cross, Brenda M. 67
Curtis, John L. 22
Davidson, C.J. 54
Dawkins, Marian Stamp 58
Delta Regional Primate Research Center, Jeff Falkenstein
Productions 145
Dioli, M. 116
Dowling, Kim 15
Dunstan, R.W. 155
Duran, Oliver 120
Dye, L. 29
Dyer, K.R. 8
Easterday, B.C. 132, 165
Edwards, N. Joel 43
Eller, A.L. Jr 11
Eltherington, L. G. 40
Environmental Research Laboratory (Athens, Ga.) 61
Fassig, S.M. 126, 127
Fawver, A.L. 27
Ferguson, J.D. 87
Fitzgerald, A.L. 36
Food and Agriculture Organization of the United Nations 160
Francione, G.L. 84
Fraser, Clarence M. 112
Frye, Fredric L. 18
Gascoyne, S.C. 72
Gill, D.M. 158
Glickman, N. 138
Gloyd, J.S. 41
Gosling, Morris 58
Grandin, Temple 102
Gray, K.N. 59
Green, Margaret C. 80
Greene, S.A. 32
Gregory, J.A. 98
Griffiths, P.H.M. 98
Gwaitani, A. 94
Guttman, Helene N. 73, 134
Harris, S. 166
Harris, T. 29
Hartmann, E.P. 137
Hartsfield, S.M. 154
Hau, Jann 78
Hawkey, C.M. 72
Hedrich, Hans J. 63
Herrick, J.B. 21
Hibburt, Chris 48
Hodges, John 106
Hoffman, Lorraine 124
Hoover, T.S. 54

Howard, B.R. 98
Hughes, K.L. 42
Institute of Biology 75
Institute of Laboratory Animal Resources (U.S.), Committee on
Care and Use of Laboratory Animals 65
Institute of Laboratory Animal Resources (U.S.), Committee on
Educational Programs in Laboratory Animal Science 46
Institute of Laboratory Animal Resources (U.S.), Committee on
Infectious Diseases of Mice and Rats 26
International Council for Laboratory Animal Science 63
Iowa State University, Veterinary Diagnostic Laboratory,
National Veterinary Services Laboratories (U.S.) 124
Jackson Laboratory (Bar Harbor, Me.) 80
Jackson, Ron 140
Jefferies, D.J. 166
Jenkins, W.L. 45
Jevring, C. 39
Johns Hopkins University, School of Hygiene and Public Health
3
Johnson, P.J. 87, 99
Jones, H. 98
Jones, William Elvin 25
Junge, Randall E. 123
Kazmer, G.W. 111
Kelly, D.F. 162
Kiley-Worthington, M. 12
Kirkwood, J.K. 72
Knapp, D. 9
Kosanke, S.D. 28
Krulisch, Lee 163
Laboratory Animal Training Association 31
Lacy, M.P. 103
Landsberg, G. 159
LeBlanc, Michelle 55
Lee, T.P. 161
Lesile, K. 35
Livestock Conservation Institute 102
Lloyd, Maggie 77
MacKenzie, D. 97
MacWilliams, P.S. 165
Maikel, R.P. 36
Marshall, K. 16, 157
Marshall, Rob 66
Massachusetts Society for the Prevention of Cruelty to Animals
114

Massey University, New Zealand Veterinary Association, State
Veterinarians Branch, New Zealand Veterinary Association,
Foundation for Continuing Education 7
Mastromarino, A.J. 59
Mauterer, J.V. Jr 115
Maxie, G. 47
Mayer, Stephen J. 163
McGuire, T.C. Jr 132
McGuirk, S.M. 165
McKay, Donald G. 167
McKinnon, A. O. 55
McLaughlin, Charles Albert, 93
McLaughlin, S. 146
McMains, Joel M. 91
McWilliam, A. Ann 67
Mench, Joy A. 163
Meuten, D.J. 34
Miller, L. 144
Miller, Megg 122

Millican, K.G. 98
Milne, I. 42
Mississippi State University, Dept. of Wildlife and Fisheries
14
Monroe, A.C. 60
Moore, Deborah E. 136
Morck, Douglas W. 109
Myles, S. 143
Nab, J. 128
Nabrotzky, Viola C. A. 109
National Agricultural Library (U.S.), University of Illinois
at Chicago 57
National Buffalo Association 15
National Institutes of Health (U.S.) 86
Neil, David H. 167
New Zealand Veterinary Association, Foundation for Continuing
Education, New Zealand Veterinary Association, Epidemiology
and Animal Health Management Branch, New Zealand Veterinary
Association, State Veterinarians Branch 140
Niekraz, M.A. 28
Niemi, Steven M. 129, 134
NIH Animal Care and Use Committee, NIH Training Center (U.S.)
156
Nolt, B.H. 54
Norman, B. 16
Norman, B.B. 157
Nyberg, Cheryl 95
O'Donoghue, P.N. 98
O'Neil, E.H. 10
Olfert, Ernest D. 67
Olson, Merle E. 109
Oltenu, P.A. 87, 99
Orlans, F.B. 81
Partridge, John 104, 105
Pavletic, M.M. 9
Pearson, P.T. 69
Pedersen, N.C. 132
Perry, M.A. 28
Petersen, Gunner V. 7
Phatak, A.P. 64
Phemister, R.D. 132
Plumb, D.C. 38
PMI Feeds, Inc 5
Porta, Maria A. 95
Porter, R.I. 33
Pritchard, W.R. 132, 135
Prostredny, J.M. 138
Prouty, C. 119
Public Responsibility in Medicine and Research (Association),
Tufts University, School of Medicine, Tufts University, School
of Veterinary Medicine 4
Randolph, M.M. 28
Ray, C.M. 29
Reeves, David E. 19
Regional Veterinary Laboratory, Orange, NSW Agriculture,
Veterinary Laboratory Service 88
Robertson, B.T. 27
Robertson, V. 157
Rohrbach, B.W. 60
Rollin, B.E. 24
Rocroft, Alan 108
Rosenzweig, Lionel J. 1
Rottmann, R.W. 82
Rowan, Andrew N. 136
Rowell, H.C. 17, 62, 139

Royal Society of New Zealand 151
Rucker, N.C. 107
Ruppenthal, Gerald C. 131
Ruys, Theodorus, 76
Ryans, Robert C. 61
Sackett, Gene P. 131
Sahara, R. 16, 157
Salisbury, S.K. 138
Sammut, John 66
Samuels, J. 16
Sander, J.E. 103
Schapiro, S.J. 70
Schofield, J. C. 57
Schoonover, C. O. 13
Schumacher, R. 16, 157
Schwartz, A. 9
Schwartz, H. J. 116
Scientists Center for Animal Welfare (Bethesda, Md.) 129
Scientists Center for Animal Welfare (Washington, D.C.) 73
Scientists Center for Animal Welfare (Washington, D.C.),
Animal Welfare Information Center (U.S.) 163
Scientists Center for Animal Welfare, Working with Animals
Used in Research, Drugs, and Surgery 134
Shell, L.G. 8
Shireman, J.V. 82
Short, Charles E. 6
Shugars, D.A. 10
Silvestri, A. 110
Simpson, R.M. 34
Smallwood, James E. 68
Smeak, D.D. 115
Sternner, K.E. 118
Stone, D.M. 158
Stone, E.A. 10
Stowe, J. 47
Sundberg, John P. 79
Svendsen, Per 78
Thompson, G. B. 23
Tomasovic, S.P. 59
Tomson, F.N. 69
Toombs, J.P. 138
Trentham, L. 27
Tufts University, Center for Animals and Public Policy 136
United States, Armed Forces Pest Management Board 30
United States, Food Safety and Inspection Service 20
Universities Federation for Animal Welfare 150
University of Sydney, Post Graduate Committee in Veterinary
Science 53, 55
University of Tennessee, Memphis, Dept. of Comparative
Medicine 92

University of Texas Health Science Center at San Antonio 133
University of Washington, Infant Primate Research Laboratory
131
University of Wyoming, Cooperative Extension Service 13
Van Poznak, Allan 6
Vannucci, Velio 110
Venable, Joseph S. 134
Waldhalm, S. 29
Walton, J. R., 120
Warner, S. 60
Weigel, J.P. 60
Welser, J.R. 164
Wheaton, L.G. 32
White, G.L. 28

White, K.K. 32
Whitmore, H.L. 64
Willson, John E. 129
Wilson, M.S. 98
Wise, J.K. 49, 50, 51
Witham, Barbara A. 80
Witthoft, Sibylle 142
Wolfensohn, Sarah 77
Yang, J.J. 51
Zoll, Donald Atwell 108

Go to: [Author Index](#) | [Subject Index](#) | [Top of Document](#)

Subject Index

Academic achievement 138
Access 84
Acquired immune deficiency syndrome 158
Adult learning 126
Aggressive behavior 159
Anatomy 1, 93, 93
Anesthesia 69, 154
Animal anatomy 154
Animal behavior 12
Animal breeding 117
Animal diseases 119
Animal experimentation 4, 57, 58, 77, 78, 86, 95, 134, 151, 152, 156, 163
Animal experiments 17, 24, 36, 62, 69, 94, 97, 132, 138, 139
Animal feeding 117
Animal genetics 106
Animal health 164
Animal health technicians 56
Animal health technology 124
Animal husbandry 28, 87, 148, 149
Animal models 17
Animal models in research 78, 133, 152
Animal physiology 27
Animal testing alternatives 9, 24, 32, 97, 130, 137, 154
Animal tissues 155
Animal welfare 3, 4
Animal Welfare 7
Animal welfare 12, 17, 24, 31, 32, 46, 57, 62, 69, 70, 73, 77, 84, 86, 95, 97, 98, 101, 109, 129, 133, 134, 137, 138, 139, 141, 145, 152, 156, 163
Animals 141, 147
Animals, laboratory 4
Anticonvulsants 8
Aquaculture 82
Artificial insemination 64
Attitudes 10, 29, 138
Bears 104
Beef cattle 11, 13
Beef herds 11
Behavior modification 159
Behavior problems 12, 143, 159
Beliefs 138
Bibliographies 147
Bioethics 133, 153
Biopsy 155

Birds 72, 125
Bison, American 15, 15
Blood 145
Blood chemistry 72
Breeding programs 64
Buyers' guides 96
Cabt 9, 29, 52, 128, 153, 157
Cadavers 138
Cage birds 125
California 16, 157
Camels 116, 116
Canada 47, 54, 139, 146
Captive wild animals 18
Careproviders 147
Cats 1, 8, 53, 115, 138
Cattle 22, 23, 48, 102
Cattle diseases 21
Cattle husbandry 11
Cephalopoda 150
Chicken meat 103
Chimpanzees as laboratory animals 136
Clinical examination 100, 107
Clinical experience 165
College curriculum 32, 137, 165
College students 138
Committees 84, 90
Communicable diseases in animals 113
Computer assisted instruction 27, 87, 99, 111
Computer hardware 29
Computer simulation 87
Computer software 29, 87
Computer techniques 144
Computers 29
Congresses 48, 61, 61, 61, 61, 73, 73
Connecticut 111
Continuing education 35, 47, 126, 127, 161
Convulsions 8
Cooperative activities 119
Costs 70
Cyprinidae 82
Cytology 34
Dairy cattle 35, 64, 87
Dairy education 99, 111
Dairy herds 99
Dairy science 111
Debt 49, 50, 51, 52
Deer 14
Deer farming 14
Dermatology 155
Detection 64
Diagnosis 155
Diffusion of information 47
Disasters 157
Disease control 119
Disease prevention 21, 158
Diseases 25
Dissection 1, 93
Dogs 8, 53, 115, 138, 143, 155, 159
Drug combinations 38
Drug effects 8
Drug formulations 38
Drug therapy 8, 107
Drugs 40, 41, 45, 118
Ecosystems 44
Education 33, 54, 62, 128, 141

Educational courses 111, 130
Educational objectives 32
Educational programs 9, 28, 44, 64, 94, 119
Educational reform 32
Effect of water pollution on 61
Effect of water quality on 61
Elephants 108
Embryos 48
Emergencies 16
Employment 50, 51, 52
Employment opportunities 49
Enrichment 70
Environment 70
Environmental impact 44
Equipment 69
Estrus 64, 87
Ethics 24
Europe 97
European communities 97, 141
Euthanasia 138
Evaluation 60
Farm equipment 82
Farm management 87
Farm workers 148
Feces 145
Federal programs 119
Feeding behavior 12
Felidae 105
Fine needle aspiration 34
Fires 157
Fish culture 82
Fish farming 82
Fish farms 82
Fish ponds 82
Fishery management 82
Fishes 61, 61, 61, 61
Fixation 155
Florida 82
Flow charts 87
Georgia 103
Germlasm resources, Animal 106
Gouldian finch 66
Government organizations 45
Graduate study 132
Graduates 49, 50, 51, 52, 60
Great Britain 33
Group interaction 12
Growth 61
Guidelines 11, 41, 69, 70, 90, 98, 100, 115, 118, 157, 158,
159
Hair 79
Handicapped persons 54
Histopathology 155
History 42, 155
Hormones 82
Horse riding 54
Horses 12, 25, 54, 55
Inbreeding 63, 80
Incubation 117
Indiana 36
Information 84
Insecticides 30
Interactions 8
International organizations 90
Invertebrates 89

Invertebrates as laboratory animals 18
Invertebrates as pets 18
Italy 94, 110, 110
Job performance 60
Kennel management 83, 91
Kennels 83, 85, 91
Laboratories 147
Laboratory animal technicians 31
Laboratory animals 3, 4, 5, 6, 17, 24, 26, 27, 28, 31, 32, 36,
37, 40, 46, 57, 58, 59, 62, 65, 67, 68, 69, 71, 75, 76, 77,
78, 81, 84, 86, 90, 92, 95, 96, 98, 101, 109, 128, 129, 130,
133, 137, 139, 145, 146, 151, 152, 153, 156, 163, 167
Laboratory equipment 96
Laboratory manuals 1, 1, 93, 93
Laboratory methods 155
Large animal practice 165
Law 100, 101
Law and legislation 110
Learning ability 87
Learning experiences 127, 138, 154
Learning in animals 89
Legal status, laws, etc 110
Legislation 62, 94, 139
Lethal dose 90
Licenses 101
Livestock 102, 106, 160, 163, 165
Mammals 72, 93
Marine invertebrates as laboratory animals 150
Massachusetts 9
Mating behavior 12
Meat and livestock industry 21
Medical treatment 8, 107
Methodology 115
Mice 26, 79
Mice as laboratory animals 26, 79, 80
Mice, Inbred Strains 80
Miniature pigs 19
Miniature pigs as pets 19
Moral values 24
Morocco 119
Netherlands 128
On-farm training 165
Organizations 16
Orthopedics 60
Ostriches 117
Pain 17, 62
Pain in animals 6
Pathology 155, 162
Personnel 29, 39, 69
Personnel management 39
Pests 30
Pet boarding facilities 85
Pets 83, 85, 120, 158
Pharmacology, Experimental 40
Physical laboratories 76
Physiology 61
Physiopathology 107
Plan implementation and evaluation 70
Planning 16, 157
Policy 90
Postmortem examinations 100
Postoperative care 69
Postoperative complications 115
Poultry 122
Poultry diseases 103

Poultry feeding 103
Poultry housing 103
Practical education 165
Pregnancy rate 64
Preoperative care 69
Prescriptions 45
Primates 70, 131, 145
Primates as laboratory animals 131
Professional continuing education 107
Prognosis 107
Program evaluation 59
Psychology 130
Public agencies 119
Rabbits 93, 154
Rabbits as laboratory animals 134
Raccoons 104
Rats 26, 63
Rats as laboratory animals 26, 63
Record keeping 70
Records 99
Regulation 101
Regulations 45, 97, 139
Rehabilitation 166
Reproductive performance 99
Research 62, 135, 147
Research workers 146
Residential areas 103
Resource management 21
Rhesus monkey 145
Rodents as laboratory animals 73, 134
Salaries 49, 50, 51, 52
Science education 37, 81, 153
Sheep 102
Skills 60
Skin 79, 155
Skin diseases 155
Small animal practice 155
Social dominance 159
Spawning 82
Spinal cord 107
Sport 54
Surgery 32, 60, 69, 107, 137, 138, 154
Surgical operations 115, 154
Surveys 9, 29, 60, 137
Survival 138
Swine 102, 120, 121
Teachers 127
Teaching 62, 139
Teaching materials 34, 69, 130, 147
Teaching methods 24, 27, 32, 137, 138, 165
Teaching skills 126
Technical aid 119
Technical training 146
Technicians 33, 36, 141, 144, 146, 149
Telecommunications 47
Tennessee 60
Testing 90, 139
Therapy 54
Time allocation 12
Tissues 155
Toxicology 44
Tractability 12
Training 29, 33, 39, 59, 60, 139, 144, 147, 149, 162
Training courses 36
Training of animals 143

Training officers 143
Transplantation 48
Transport of animals 71
Trauma 107
Tube feeding 115
Tuberculosis in animals 140
U.S.A. 24, 29, 41, 45, 49, 50, 52, 54, 101, 119, 132, 137, 153
Uk 98, 100, 166
United States 25, 25, 25
Universities 9, 36
Usda 101
Veterinarians 10, 16, 20, 25, 29, 38, 41, 42, 47, 49, 50, 51,
52, 60, 64, 100, 110, 118, 119, 132, 135, 143, 146, 157, 158,
162, 164 Veterinary anatomy 68
Veterinary anesthesia 2
Veterinary bacteriology 88
Veterinary clinical pathology 88, 113, 160
Veterinary dissection 68
Veterinary education 9, 10, 24, 32, 34, 35, 42, 44, 45, 49,
60, 126, 127, 132, 135, 137, 138, 146, 154, 161, 164, 165
Veterinary electrocardiography 43
Veterinary endocrinology 53
Veterinary equipment 115
Veterinary gynecology 55
Veterinary hygiene 110
Veterinary jurisprudence 166
Veterinary laboratories 88
Veterinary medicine 10, 25, 56, 67, 112, 123, 124, 135, 160,
162, 165
Veterinary obstetrics 55
Veterinary practice 29, 39, 47
Veterinary profession 17, 49, 135, 164
Veterinary schools 42, 132, 135
Veterinary services 39, 119
Veterinary surgery 109
Vices 12
Victoria 42
Videodiscs 27
Volunteers 114, 119
Washington 32
Water supply 82
Wild animals 166
Wild birds 100
Wildlife diseases 123
Wildlife management 14, 166
Wisconsin 165
Workers 147
Zoo animals 101, 104, 105, 123
Zoonoses 158

Go to: [Author Index](#) | [Subject Index](#) | [Top of Document](#)

Return to:

Animal Welfare Information Center
National Agricultural Library
