



Date: 06-Aug-2010

United States
Department of
Agriculture

Animal and Plant
Health Inspection
Service

Animal Care
Western Region

2150 Centre Ave.
Building B
Mail Stop # 3W11
Ft. Collins, CO 80526
Phone: 970/494-7478
Fax: 970/494-7461

Enforcement Operations – IES HQ

OGC

IES Western Region

IES Investigator

**Additional information for Investigation of Alleged
Violations Regarding the Animal Welfare Act, Regulations,
and/or Standards**

Please add the following documentation to case #: NE10010

VIOLATOR NAME: UNIVERSITY OF NEBRASKA MEDICAL CENTER

ADDITIONAL INFORMATION:

Application documents

Licensing documents

Renewal documents

Cancellation documents

Inspection report dated Jul-20-2010

Inspection report dated _____ including CD

Inspection report dated _____ with photos, including CD

Inspection report dated _____ with photos

Correspondence

Other _____

If further information is needed, please let me know.

Robert M. Gibbens
Director, Western Region
USDA, APHIS, Animal Care



Safeguarding American Agriculture
APHIS is an agency of USDA's Marketing and Regulatory Programs

An Equal Opportunity Provider and Employer



8

Inspection Report

UNIVERSITY OF NEBRASKA MEDICAL CENTER

Customer ID: 1551

Certificate: 47-R-0018

Site: 001

NEBRASKA MEDICAL CENTER

985810 NEBRASKA MEDICAL CENTER

Type: ROUTINE INSPECTION

OMAHA, NE 68198

Date: Jul-20-2010

2.33 (b) (2)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:
(2) The use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries, and the availability of emergency, weekend, and holiday care;

During review of medical notes, inspectors noticed that a nonhuman primate (Animal # R061101) had at least twelve witnessed seizures over a period of six months. Daily health record notes include the following, "found having another seizure, lying dorsal, vocalizing, 2 minutes", "vocal and violent shimmers", and "exhibiting tonic-clonic seizure, duration approximately one minute, appeared sleepy/tired during post-ictal phase, mild ataxia and difficulty grasping food treat." The animal was evaluated by an attending veterinarian who performed blood work to evaluate the seizures, and diagnosed suspected epilepsy. This animal did not receive treatment for what appears to be significant and repeated seizure activity. If left untreated, seizures can become more frequent and severe, and can lead to injury. The registrant must provide all animals with adequate veterinary care, including treatment, and must be able to provide inspectors documentation of adequate veterinary care upon request.

To be corrected from this date forward.

2.33 (b) (3)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include:
(3) Daily observation of all animals to assess their health and well-being; Provided, however, That daily observation of animals may be accomplished by someone other than the attending veterinarian; and Provided, further, That a mechanism of direct and frequent communication is required so that timely and accurate information on problems of animal health, behavior, and well-being is conveyed to the attending veterinarian;

There were at least four hamsters with injuries that had not been observed or treated at the time of inspection. Three hamsters in the same enclosure had wounds consistent with fighting. One hamster had a wound over the eye with dried blood and exudate present. One hamster had what appeared to be a puncture wound on the left hind foot. The

Prepared By:

NATALIE COOPER, D.V.M. USDA, APHIS, Animal Care

Date:

Title: VETERINARY MEDICAL OFFICER Inspector 6016

Jul-29-2010

Received By:

(b)(6), (b)(7)(c)

Date:

Title: REPORT SENT VIA ELECTRONIC MAIL

Jul-30-2010



Inspection Report

foot was swollen approximately twice normal size and had dried blood and exudate around the wound. This hamster also had a wound on the dorsal surface at the base of the tail, with dried blood and exudate present. One hamster had scratches along the ventral abdomen and back. In a separate enclosure, one hamster was observed with a red, swollen wound with dried blood and exudate present. According to facility representatives, facility policy dictates that the animals are to be observed twice daily; however, there was no documentation present that addressed these injuries or indicated that the attending veterinarian had been contacted at the time of inspection. All animals must be observed daily and any veterinary care issues must be timely and accurately relayed to the attending veterinarian. The facility must insure that a program is place to insure that all injured animals receive prompt and adequate veterinary care.

To be corrected from this date forward.

3.81 (c) (2)

ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

(c) Special considerations. Certain nonhuman primates must be provided special attention regarding enhancement of their environment, based on the needs of the individual species and in accordance with the instructions of the attending veterinarian. Nonhuman primates requiring special attention are the following: (2) Those that show signs of being in psychological distress through behavior or appearance;

At least one singly housed, nonhuman primate (Animal #70193) was observed to somersault at least six times, then rock back and forth numerous times, then somersault at least six times during the inspection. These stereotypical behaviors are indicative of psychological distress, and therefore the facility must provide this animal with special attention regarding environmental enhancement. According to the facility's Nonhuman Primate Behavior Management Program, primates showing signs of psychological distress will be placed on "special enrichment protocols" which will provide "increased positive social interaction with human caretakers on a daily basis, and increased environmental stimulation and variation." The facility was unable to present documentation that this animal was receiving additional environmental enhancement. The registrant must develop and follow a plan to ensure that those nonhuman primates that show signs of being in psychological distress through behavior or appearance receive special considerations with regard to enhancement of their environment, in order to protect the health and welfare of the animals.

To be corrected by 14 August 2010.

The inspection was conducted with Natalie R. Cooper, VMO, Jeff Baker, VMO and facility representatives. A thorough exit interview was conducted with Natalie R. Cooper, VMO, Jeff Baker, VMO and facility representatives at the conclusion of the inspection.

Prepared By:

NATALIE COOPER, D.V.M. USDA, APHIS, Animal Care

Date:

Title: VETERINARY MEDICAL OFFICER Inspector 6016

Jul-29-2010

Received By:

(b)(6), (b)(7)(c)

Date:

Title: REPORT SENT VIA ELECTRONIC MAIL

Jul-30-2010

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 47-R-0018	CUSTOMER NO. 1551	FORM APPROVED OMB NO. 0579-0036
----------------------------------	----------------------	------------------------------------

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
UNIVERSITY OF NEBRASKA MEDICAL CENTER 985810 NEBRASKA MEDICAL CENTER OMAHA, NE 68198 (402) 559-4034

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

See Attachment 1

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			20		20
5. Cats			0		0
6. Guinea Pigs			0		0
7. Hamsters	537		82		619
8. Rabbits			242		242
9. Non-Human Primates			42		42
10. Sheep			0		0
11. Pigs			94		94
12. Other Farm Animals			0		0
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

NOV 16 2007

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

(b)(6), (b)(7)(c)

DATE SIGNED

11/08/07

Attachment 1

Locations Where Animals Are Housed or Used (Item 3 APHIS Form 7023)

1. Wittson Hall (b)(7)(F)
2. Eppley Hall of Science (b)(7)(F)
3. Durham Research Center (b)(7)(F)
4. Lied Transplant Center (b)(7)(F)
5. College of Dentistry, Lincoln, Nebraska

NOV 16 2007



United States
Department of
Agriculture

Animal and Plant
Health Inspection
Service

Animal Care
Western Region

2150 Centre Ave.
Building B
Mail Stop # 3W11
Ft. Collins, CO 80526
Phone: 970/494-7478

University Of Nebraska Medical Center
985810 Nebraska Medical Center
Omaha, NE 68198

September 13, 2007
Customer No: 1551
Certificate No: 47-R-0018
RE: ANNUAL REPORT

Dear Registrant:

Under the Animal Welfare Act (AWA) regulations, all active or inactive research facilities, or those cancelled during the fiscal year must file an Annual Report of Research Facility (APHIS Form 7023 and 7023A) with the Animal Care Regional Office documenting their activities and animal usage for the Federal fiscal year (October 1 through September 30) by December 1 of that year. Research facilities, whose registrations were terminated during the fiscal year, must also fulfill this requirement. Failure to do so constitutes a violation of the AWA and its regulations.

We offer two methods for submission of the Annual Report (APHIS Form 7023); regular mail or electronic submissions via the Internet. The electronic submission can be accessed at the Animal Care web site (http://www.aphis.usda.gov/animal_welfare) and the website provides instructions for Password Application and access to submit via the Internet. Please note: You must apply for a new password yearly.

If you elect to submit via regular mail, please complete the enclosed APHIS Form 7023 and return the original to the address listed to the left. Detailed instructions are provided on the enclosed Annual Report Checklist. All research facilities should complete Items 4 through 13 if applicable. Negative reports are required. Also required is the Date, Signature and Title of the Chief Executive Officer or other legally responsible official who attests to the accuracy of the report and to the assurance statements. We appreciate your prompt attention to this matter.

We appreciate your efforts in complying with the Animal Welfare Act. Contact this office at 970-494-7478 if you have any questions regarding this letter or the Animal Welfare Act.

Sincerely,

Robert M. Gibbens
Regional Director - Animal Care
Western Region

cc: Katheryn Ziegerer, VMO
cc: Ruth Bakker, VMO



Safeguarding American Agriculture
APHIS is an agency of USDA's Marketing and Regulatory Programs

An Equal Opportunity Provider and Employer

Every research facility, exhibitor, carrier, and intermediate handler not required to be licensed under Section 3 of the Animal Welfare Act, shall register with the USDA (7 USC 2136). This application provides information for such registration.

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
APPLICATION FOR REGISTRATION
(TYPE OR PRINT)

USDA USE ONLY

Applicant should send completed form to this address.
USDA APHIS ANIMAL CARE
Western Region
2150 Centre Ave.
Building B, Mailstop 3W11
Fort Collins, CO 80526-8117
(970) 494-7478

REGISTRATION UPDATE

CERTIFICATE NO./CUST NO: 47-R-0018 1551	RENEWAL DATE 10-Feb-2010
--	--

1. **REGISTRANT** (Name and permanent mailing address, including Zip Code)

UNIVERSITY OF NEBRASKA MEDICAL CENTER
985810 Nebraska Medical Center
Omaha, NE 68198

COUNTY: DOUGLAS TELEPHONE (402) - 559 - 4034

2. **LOCATION (S) OF BUSINESS, EXHIBITION STIE(S), OR RESEARCH FACILITIES**
(Use additional sheets if necessary)

40th & Holdrege Street
Lincoln, NE 68583
County: LANCASTER

3. (A) **PREVIOUS USDA REGISTRATION NUMBER (IF ANY)**

NA

4. (B) **ACTIVE USDA CERTIFICATE NUMBER(S) IN WHICH YOU HAVE AN INTEREST:**

NA

5. **ARE YOU USING FEDERAL FUNDS TO CARRY OUT RESEARCH, TESTS, OR EXPERIMENTS**

Yes No

6. **TYPE OF REGISTRATION:**

Class E - Exhibitor Class H - Intermediate Handler
 Class R - Research Facility Class T - Carrier

7. **FEDERAL FUND TYPES:**

Award Contract Grant Loan

8. **TYPE OF ORGANIZATION:**

Partnership Corporation Individual
 Other (Specify) University Medical Center

9. **IF INDIVIDUAL IDENTIFY EACH OWNER, IF PARTNERSHIP IDENTIFY EACH PARTNER OR OFFICER, IF CORPORATION, IDENTIFY PRINCIPAL OFFICERS FOR RESEARCH FACILITIES INCLUDE THE INSTITUTIONAL OFFICIAL (Use separate sheet if needed)**

A. NAME	B. TITLE	C. ADDRESS (full address, including ZIP Code)
(b)(6), (b)(7)(c)		987878 Nebraska Medical Center Omaha, NE 68198-7878

CERTIFICATION

I hereby register as a Research Facility, Exhibitor, Carrier, or Intermediate Handler under the Animal Welfare Act, 7 U.S.C. 2131 et seq, and I certify that the information provided herein is true and correct to the best of my knowledge. I hereby acknowledge receipt of and agree to comply with all the regulations and standards contained in 9 CFR, Subpart A, parts 1, 2 and 3. I certify that all listed persons are 18 years of age or older.

(b)(6), (b)(7)(c)

12. **DATE SIGNED**
2/1/10



**United States
Department of
Agriculture**

**Marketing and
Regulatory
Programs**

**Animal and
Plant Health
Inspection
Service**

Animal Care

EXPIRATION DATE: FEBRUARY 10, 2010

This is to certify that

UNIVERSITY OF NEBRASKA MEDICAL CENTER

is a registered
under the

CLASS R RESEARCH FACILITY

Animal Welfare Act

(7 U.S.C. 2131 et seq.)

Certificate No. 47-R-0018

Customer No. 1551

A handwritten signature in cursive script that reads "Charles A. Gibson".

Deputy Administrator

**U.S DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
APPLICATION FOR REGISTRATION
(TYPE OR PRINT)**

REGISTRATION UPDATE

DO NOT USE THIS SPACE - OFFICIAL USE ONLY

SEND THE COMPLETED FORM TO: 2150 Centre Ave, Building B
Mailstop # 3w11
Fort Collins, CO 80526 8117
Telephone: (970) 494-7478

CERTIFICATE / CUSTOMER NO.	REGISTRATION UPDATE
CERTIFICATE: 47-R-0018 CUSTOMER: 1551	10-FEB-2007

1. NAME(S) OF REGISTRANT(S) AND MAILING ADDRESS

University Of Nebraska Medical Center
985810 Nebraska Medical Center
Omaha, NE 68198 5810

Telephone: (402) 559-4034

2. ALL BUSINESS LOCATIONS HOUSING ANIMALS; INCLUDE DIRECTIONS TO EACH LOCATION (P.O. Box not acceptable)

^{#001}
985810 Nebraska Medical Center
Omaha, NE 68198 6385
County: Douglas

Telephone: (402) 559-4034

^{#003}
College Of Dentistry
40th & Holdredge St.
Lincoln, NE 68583-0740
County: Lancaster
Telephone: (402) 559-4034

3. (A) PREVIOUS USDA REGISTRATION NUMBER (if any)

4. (B) ACTIVE USDA CERTIFICATE NUMBER(S) IN WHICH YOU HAVE AN INTEREST:

NA

5. ARE YOU USING FEDERAL FUNDS TO CARRY OUT RESEARCH, TESTS, OR EXPERIMENTS (if yes, go to Item 6)

Yes No

6. TYPE OF REGISTRATION:

Class E - Exhibitor Class H - Intermediate Handler
 Class R - Research Facility Class T - Carrier

7. FEDERAL FUND TYPE(S):

Award Contract Grant Loan

8. TYPE OF ORGANIZATION:

Individual Corporation Partnership

Other (Specify) University Medical Center

9. IF INDIVIDUAL, IDENTIFY EACH OWNER, IF PARTNERSHIP IDENTIFY EACH PARTNER OR OFFICER, IF CORPORATION, IDENTIFY PRINCIPAL OFFICERS FOR RESEARCH FACILITIES INCLUDE THE INSTITUTIONAL OFFICIAL (Use separate sheet if needed)

A. NAME	B. TITLE	C. ADDRESS (Full Address, including Zip Code)
(b)(6), (b)(7)(c)		987878 Nebraska Medical Center Omaha, NE 68198-7878

CERTIFICATION

hereby register as a Research Facility, Exhibitor, Carrier, or Intermediate Handler under the Animal Welfare Act 7 U.S.C. 2131 et seq. I certify that the information provided herein is true and correct to the best of my knowledge. I hereby acknowledge receipt of and agree to comply with all the regulations and standards in 9 CFR, Subpart A, Parts 1, 2 and 3. I certify that all listed persons are 18 years of age or older.

(b)(6), (b)(7)(c)	12. SOCIAL SECURITY OR TAX IDENTIFICATION NUMBER (b)(6)(b)	13. DATE 1-5-07
-------------------	--	-------------------------------

U.S. DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES

USDA USE ONLY

APPLICATION FOR REGISTRATION

(Defined in 9 CFR, Subchapter A)

- Research Facility (Complete items 1, 2 and Sections A, B, and C)
 Exhibitor (Complete items 1, 2 and Sections B and C)
 Carrier (Complete items 1, 2 and Section C)
 Intermediate Handler (Complete Items 1, 2 and Section C)

Applicant should send four (4) completed copies to this address:

USDA, APHIS, REAC, Animal Care
North Central Sector
100 N. Sixth St., Suite 625B
Minneapolis, MN 55403-1588

REGISTRATION NO.

47-R-018

DATE REGISTERED

04-11-91

1. REGISTRANT (Name and permanent mailing address, including Zip Code)

UNIVERSITY OF NEBRASKA MEDICAL CENTER

(b)(6), (b)(7)(c)

600 South 42nd Street
Omaha, NE 68198-6385

2. LOCATION(S) OF BUSINESS, EXHIBITION SITE(S), OR RESEARCH FACILITIES (Use additional sheets if necessary)

See attached.

3. DO YOU USE OR INTEND TO USE DOGS OR CATS OR OTHER ANIMALS COVERED BY THE ANIMAL WELFARE ACT

Yes No

4. DO YOU PURCHASE OR TRANSPORT DOGS OR CATS OR OTHER ANIMALS AS DEFINED IN THE ANIMAL WELFARE ACT

Yes No

5. ARE YOU USING FEDERAL FUNDS TO CARRY OUT RESEARCH, TESTS, OR EXPERIMENTS

Yes No

6. IF "YES" IN ITEM 5, CHECK (✓) OR SPECIFY

Grant Award Loan Contract

Other (Specify):

7. NAME OF FEDERAL AGENCY(S) SUPPLYING FUNDS

NIH, NSF, ADAMHA, FDA

8. NAME AND LOCATION OF EACH RESEARCH REPORTING FACILITY (see 9 CFR, Section 2.28) WHERE TEACHING, RESEARCH, TESTS, OR EXPERIMENTS ARE CONDUCTED WITH ANIMALS WHICH ARE COVERED BY THIS REGISTRATION (use reverse or attach additional sheets)

See attached.

BEST COPY AVAILABLE

9. NO. ANIMALS USED OR EXHIBITED ANNUALLY (Attach additional sheets if needed)

A. Dogs 152	B. Cats 8	C. Primates 7	D. Guinea Pigs 112	H. Other (Specify and give No.) swine 32 miniswine 24
E. Hamsters 519	F. Rabbits 170	G. Zoo Animals none		

10. NATURE OR ORGANIZATION OR BUSINESS (Check one)

- Private Commercial
 State, County or Municipal
 Federal

11. TYPE OF OPERATION (Check each applicable operation)

- College or University Hospital Exhibitor
 Carrier Intermediate Handler Air Rail Marine
 Truck

12. TYPE OF ORGANIZATION

- Partnership Corporation
 Individual Association

Other (Specify):

13. STATE WHERE INCORPORATED

14. DATE INCORPORATED

15. IF PARTNERSHIP, IDENTIFY EACH PARTNER OR OFFICER
IF CORPORATION OR ORGANIZATION, IDENTIFY PRINCIPAL OFFICERS (Use reverse, if needed)

NAME A	TITLE B	ADDRESS (full address, including zip code) C
(b)(6), (b)(7)(c)		600 South 42nd St., Omaha, NE 68198-6605
(b)(6), (b)(7)(c)		600 South 42nd St., Omaha, NE 68198-6810
(b)(6), (b)(7)(c)		600 South 42nd St., Omaha, NE 68198-6810
(b)(6), (b)(7)(c)		600 South 42nd St., Omaha, NE 68198-6385

CERTIFICATION

I hereby register as a Research Facility, Exhibitor, Carrier, or Intermediate Handler under the Animal Welfare Act, 7 U.S.C 2131 et seq. and I certify that the information provided herein is true and correct to the best of my knowledge and belief.

17. TITLE

(b)(6), (b)(7)(c)

18. DATE SIGNED

4-2-91

ACKNOWLEDGEMENT OF

(b)(6), (b)(7)(c)

Chapter A.

21. DATE SIGNED

4-4-91

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control
No. 0180-DOA-AN

Fiscal Year: 2009

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NUMBER: 47-R-0018

Customer Number: 1551

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code)

University Of Nebraska Medical Center
985810 Nebraska Medical Center
Omaha, NE 68198

Telephone: (402) 559 4034

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites) See Attached Listing

See Attachment 1

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4. Dogs			5		5
5. Cats			0		0
6. Guinea Pigs			0		0
7. Hamsters		125	219		344
8. Rabbits			148		148
9. Non-human Primates			56		56
10. Sheep			0		0
11. Pigs			73		73
12. Other Farm Animals			0		0
13. Other Animals					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (L.R.O.))

(b)(6), (b)(7)(c)

DATE SIGNED

11/03/09

Attachment 1

Locations Where Animals Are Housed or Used
(Item 3 APHIS form 7023)

1. Wittson Hall (b)(7)(F)
2. Eppley Hall of Science (b)(7)(F)
3. Durham Research Center (b)(7)(F)
4. Lied Transplant Center (b)(7)(F)
5. College of Dentistry
40th Holdredge Street
Lincoln, NE 68583-0740
County, Lancaster

Addition:

6. Durham Research Center (b)(7)(F)

Deletion:

Midwest Veterinary Services
1443 Hwy 77
Oakland, NE 68045



Inspection Report

UNIVERSITY OF NEBRASKA MEDICAL CENTER

Customer ID: 1551

Certificate: 47-R-0018

Site: 001

985810 NEBRASKA MEDICAL CENTER

NEBRASKA MEDICAL CENTER

Type: ROUTINE INSPECTION

OMAHA, NE 68198

Date: Sep-22-2009

No non-compliances seen on this inspection.

Inspection of the animals and facilities was performed on Monday, September 21, 2009, and the records were reviewed on Tuesday, September 22, 2009.

Prepared By:

David Kaminsky
DAVID KAMINSKY, V.M.O. USDA, APHIS, Animal Care

Date:
Sep-22-2009

Title:

Received By:

(b)(6), (b)(7)(c)

Date: OCT 05 2009
Sep-22-2009

Title:



United States Department of Agriculture
Animal and Plant Health Inspection Service

INSPECTION REPORT

Customer #: 1551
Certificate #: 47R0018

Site #: 003

University of Nebraska Medical Center

985810 Nebraska Medical Center
Omaha, NE 68198 5810

INSPECTION
Routine inspection
Date: 02-17-2009

NARRATIVE

There were no items documented.

Prepared by: Ruth Bakker

Date: 02-17-2009

Title: VMO

(b)(6), (b)(7)(c)

Inspector ID: 4029

Received by:

Date: 02-17-2009

Title:

[Redacted]

FACILITY UNMC LIC/REG # 47R0018 Site #003 DATE 02-17-2009

ANIMAL TYPE	# INSPECTED
None	0
Adult Dog	
Puppy	
Adult Cat	
Kitten	
Guinea Pig	
Hamster	
Rabbit	
Group 1 Nonhuman Primate(Marmoset, Tamarin)	
Group 2 Nonhuman Primate(Capuchin, Squirrel Monkey)	
Group 3 Nonhuman Primate(Macaque, African Species)	
Group 4 Nonhuman Primate(Male Macaque, Large African Species)	
Group 5 Nonhuman Primate(Baboon)	
Group 6 Nonhuman Primate(Great Ape)	
Group 1 Cetacean(Beluga Whale, Killer Whale, Bottlenose Dolphin)	
Group 2 Cetacean(Common dolphin, White Sided Dolphin)	
Group 1 Pinniped(Fur Seal, Walrus, Harbor Seal, Sea Lion)	
Group 2 Pinniped(Bearded Seal, Ringed Seal, Hooded Seal)	
Polar Bear	
Sea Otter	
Sirenian	
Bear(Other Than Polar Bear)	
Elephant	
Large Wild/Exotic Felid(Lion, Tiger, Leopard, Cheetah, Mountain Lion)	
Small Wild/Exotic Felid(Bobcat, Lynx, Ocelot, Caracul)	
Large Wild/Exotic Canid(Wolf)	
Small Wild/Exotic Canid(Fox, Jackal, Dingo, Coyote, Hyena)	
Pocket Pet(Hedgehog, Sugar Glider)	
Wild/Exotic Hoofed Animal(Tapir, Rhino, Hippo, Giraffe, Antelope)	
Wild/Exotic Other Animal(Kangaroo, Opossum, Bat, Porcupine, Weasel)	
Farm Animal	
Total # of animals	0



INSPECTION REPORT

1551 cust_id
338120 insp_id
13396 site_id

**UNIVERSITY OF NEBRASKA
MEDICAL CENTER**

**Customer ID: 1551
Certificate: 47-R-0018**

Site: 001

UNIVERSITY OF NEBRASKA

**985810 NEBRASKA MEDICAL CENTER
OMAHA, NE 68198 5810**

**Inspection
Type: ROUTINE INSPECTION
Date: SEP-03-2008**

No non-compliant items were identified during this routine inspection.

This inspection was conducted by Katheryn Ziegerer, VMO, and facility representatives. An exit conference was conducted at the time of the inspection.

Prepared By:

Title:

Received By:

Title:



Date:
SEP-03-2008

SEP 8 2008

Date:
SEP-03-2008



INSPECTION REPORT

1551 cust_id
173782 insp_id
46348 site_id

**UNIVERSITY OF NEBRASKA
MEDICAL CENTER**

**Customer ID: 1551
Certificate: 47-R-0018**

985810 NEBRASKA MEDICAL CENTER
OMAHA, NE 68198 5810

**Site: 003
UNIVERSITY OF NEBRASKA**

**Inspection
Type: ROUTINE INSPECTION
Date: FEB-19-2008**

There were no items documented at the time of this inspection.

Prepared By:

R. Bakker, DVM
RUTH BAKKER, V.M.O. USDA APHIS Animal Care

Title:

Received By:

Title:

(b)(6), (b)(7)(c)

Date:

FEB-19-2008

Date:

FEB-19-2008



INSPECTION REPORT

**UNIVERSITY OF NEBRASKA
MEDICAL CENTER**

**Customer ID: 1551
Certificate: 47-R-0018**

Site: 001

UNIVERSITY OF NEBRASKA

**985810 NEBRASKA MEDICAL CENTER
OMAHA, NE 68198 5810**

**Inspection
Type: ROUTINE INSPECTION
Date: JUL-26-2007**

**2.33 (b)(2) REPEAT NCI
ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.**

Section 2.33(b)(2) - Veterinary Care. Each research facility shall establish and maintain programs of adequate veterinary care that include the use of appropriate methods to prevent, control, diagnose, and treat diseases and injuries.

- There was one bottle of Ketamine that was past the expiration date. The expiration date was May 2007 and was located in a lockbox in room A003. This bottle was intermingled with other pharmaceuticals that are currently being used in the facility and is therefore ready for use. The practice of using out-of-date medication may adversely affect the health and well-being of the animals and is not considered adequate veterinary care. The licensee must ensure that all medications used on covered animals in the facility are not expired. The bottle was disposed of during the inspection.

**3.81 (e)
ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.**

Section 3.81(e) - Exemptions. The attending veterinarian may exempt an individual animal from participation in the environment enhancement plan because of its health or condition, or in consideration of its well-being. The basis of the exemption must be recorded by the attending veterinarian for each exempted animal or included in the study proposal and approved by the IACUC. Unless the basis for the exemption is a permanent condition, the exemption must be reviewed at least every 30 days by the attending veterinarian. Records of any exemptions must be maintained by the facility and made available to USDA officials upon request.

- There were eight animals, assigned to protocol 07-037, divided into two rooms that were housed individually but with visual contact with the others in the rooms. These animals are on a study that requires them to be housed in this manner. There was no documentation exempting these animals from the group housing paragraph of the facility's Environment Enhancement Plan and the requirements of the Animal Welfare Act. The reasoning to exempt any animal from participation in the environmental enhancement plan must be documented and available for review by USDA officials. Correct by the next IACUC meeting.

Prepared By:


JEFFREY BAKER, V.M.O. , USDA, APHIS, Animal Care

Title:

VETERINARY MEDICAL OFFICER, CUSTOMER ID: 1551

Received By:


(b)(6), (b)(7)(c)

Title:

AUG - 7 2007

Date:

JUL-26-2007

Date:

JUL-26-2007



United States
Department of
Agriculture

Animal and Plant
Health Inspection
Service

Animal Care
Western Region

2150 Centre Ave.
Building B
Mail Stop # 3W11
Ft. Collins, CO 80526
Phone: 970-494-7478
Fax: 970/494-7461

RE: ACKNOWLEDGEMENT OF UPDATE
Certificate Number: 47-R-0018
Anniversary Date: 02/10/2013

March 11, 2010
Customer ID Number: 1551

(b)(6), (b)(7)(c)

University Of Nebraska Medical Center
985810 Nebraska Medical Center
Omaha, NE 68198

Dear Registrant:

Thank you for submitting your USDA Registration renewal form. Enclosed for your files is a copy of your APHIS Form 7011 (Application for Registration) and Registration Certificate showing that your registration under the Animal Welfare Act has been renewed for another 3 years.

This Application for Registration is to be filed every 3 years on or before your renewal date. You will receive a renewal notice approximately 60 days before your renewal date. You may discontinue your registration under the Animal Welfare Act any time you desire by submitting a written request for cancellation of your registration to this office.

You are reminded that your records must be kept current. They are subject to review by the Animal Care personnel when they visit your premises. Record-keeping forms may be ordered from this office at no charge.

The law requires you to notify this office, in writing, of any changes in the name, address, location, management, control or ownership of your business within 10 days after such a change has been made.

We appreciate your efforts in complying with the Animal Welfare Act. Contact this office at (970) 494-7478 if you have any questions regarding this letter or the Animal Welfare Act.

Sincerely,

Robert M. Gibbens, D V M
Regional Director – Animal Care
Western Region

cc: Ruth Bakker, D.V.M.
cc: Natalie Cooper, D.V.M.

Enclosures



Safeguarding American Agriculture
APHIS is an agency of USDA's Marketing and Regulatory Programs

An Equal Opportunity Provider and Employer



COPY

EXPIRATION DATE: FEBRUARY 10, 2013

**United States
Department of
Agriculture**

**Marketing and
Regulatory
Programs**

**Animal and
Plant Health
Inspection
Service**

Animal Care

This is to certify that

UNIVERSITY OF NEBRASKA MEDICAL CENTER

is a registered

under the

CLASS R RESEARCH FACILITY

Animal Welfare Act

(7 U.S.C. 2131 et seq.)

Certificate No. 47-R-0018

Customer No. 1551

A handwritten signature in cursive script that reads "Charles A. Gibson".

Deputy Administrator



Inspection Report

UNIVERSITY OF NEBRASKA MEDICAL CENTER

Customer ID: 1551

Certificate: 47-R-0018

Site: 001

985810 NEBRASKA MEDICAL CENTER

NEBRASKA MEDICAL CENTER

Type: ROUTINE INSPECTION

OMAHA, NE 68198

Date: Feb-03-2010

2.31 (c) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(3) Prepare reports of its evaluations conducted as required by paragraphs (c)(1) and (2) of this section, and submit the reports to the Institutional Official of the research facility. . . If program or facility deficiencies are noted, the reports must contain a reasonable and specific plan and schedule with dates for correcting each deficiency. . .

The past two reports concerning semi-annual program review and facility inspection were examined. In both reports provided to the Institutional Official the IACUC failed to include a plan for correcting each deficiency that was identified. A reasonable and specific plan and schedule with dates for correcting each deficiency is required in order to ensure that the facility and program stays in compliance with the regulations. The IACUC must ensure that all reports to the Institutional Official concerning semi-annual program review and facility inspections contain a reasonable and specific plan and schedule with dates for correcting each deficiency identified.

TO BE CORRECTED from this date forward

2.31 (d) (1) (iii)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(d) IACUC review of activities involving animals. (iii) The principal investigator has provided written assurance that the activities do not unnecessarily duplicate previous experiments;

Protocol 00-0004 does not contain a written assurance that the activities do not unnecessarily duplicate previous experiments. Assurances that activities do not unnecessarily duplicate previous experiments are required in order to prevent the unnecessary use of animals. The IACUC must ensure that all principal investigators provide written assurances that the activities do not unnecessarily duplicate previous experiments.

TO BE CORRECTED BY: March 15, 2010

Prepared By: Katheryn Ziegerer, D.V.M., V.M.S.
KATHERYN ZIEGERER, D.V.M. USDA, APHIS, Animal Care

Date:
Feb-05-2010

Title:

Received By: (b)(6), (b)(7)(c)

Date:
Feb-05-2010

Title:



Inspection Report

2.31 (d) (1) (x) (A)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(d) IACUC review of activities involving animals. (1) In order to approve proposed activities or proposed significant changes in ongoing activities, the IACUC shall conduct a review of those components of the activities related to the care and use of animals and determine that the proposed activities are in accordance with this subchapter unless acceptable justification for a departure is presented in writing; Provided, however, That field studies as defined in part 1 of this subchapter are exempt from this requirement. Further, the IACUC shall determine that the proposed activities or significant changes in ongoing activities meet the following requirements: (x) No animal will be used in more than one major operative procedure from which it is allowed to recover, unless: (A) Justified for scientific reasons by the principal investigator, in writing;

Some animals on protocol 08-123 undergo up to three major survival operative procedures. Some animals on protocol 97-032 undergo more than one major survival operative procedures. Neither of these protocols include a written, scientific justification from the principal investigator for requiring the animals to undergo more than one major survival operative procedure. A written scientific justification for an animal to undergo more than one major operative procedure from which it is allowed to recover is required in order to protect the health and well-being of the animals. The IACUC must ensure that all protocols that require animals to undergo more than one major operative procedure from which they are allowed to recover are justified for scientific reasons by the principal investigator in writing.

TO BE CORRECTED BY: March 15, 2010

2.31 (d) (1) (x) (C)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(x) No animal will be used in more than one major operative procedure from which it is allowed to recover, unless: (A) Justified for scientific reasons by the principal investigator, in writing; (B) Required as routine veterinary procedure or to protect the health or well-being of the animal as determined by the attending veterinarian; or (C) In other special circumstances as determined by the Administrator on an individual basis. Written requests and supporting data should be sent to the Animal and Plant Health Inspection Service, Animal Care, 4700 River Road, Unit 84, Riverdale, Maryland 20737-1234;

Three dogs (ID# 630233, 654591, & 651001) underwent a major survival operative procedure on protocol 05-013. These dogs were then transferred to protocol 02-001 where they each underwent a second major survival operative procedure. The research facility did not request approval from the Administrator to allow these dogs to under multiple major procedures from which they are allowed to recover on two different protocols. Approval to allow a dog to be used in more than one protocol involving major survival operative procedures is required in order to protect the health and well-being of the animals. The research facility must ensure that animals are not used in more than one protocol involving major operative procedures from which they are allowed to recover unless approval has been obtained from

Prepared By:

Kathryn Ziegler, DVM, VMD
KATHERYN ZIEGERER DVM USDA APHIS Animal Care

Title:

Date:

Feb-05-2010

Received By:

(b)(6), (b)(7)(c)

Date:

Feb-05-2010

Title:



Inspection Report

the Administrator by submitting a written request and supporting data to the Animal and Plant Health Inspection Service, Animal Care, 4700 River Road, Unit 84, Riverdale, Maryland 20737-1234.

TO BE CORRECTED from this date forward

2.31 (e) (3)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(e) A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain the following: (3) A complete description of the proposed use of the animals;

During a terminal teaching lab (protocol 05-013), two procedures were demonstrated on two dogs (ID# 753149 & 756326) that were not included in the IACUC approved protocol. Proposals to conduct activities involving animals must contain a complete description of the proposed use of the animals so that the IACUC can ensure that activities are in compliance with the Animal Welfare Act standards and regulations. The IACUC must ensure that all proposals to conduct animal activities contain a complete description of the proposed use of the animals.

This item has been corrected.

2.31 (e) (5)

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC).

(e) A proposal to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, must contain the following: (5) A description of any euthanasia method to be used.

Protocol 98-0241 states that animals will be euthanized with an overdose pentobarbital. On 9/2/2009, a rabbit was given pentobarbital for euthanasia by a post doc, which did not successfully euthanize the animal. The post doc then administered "30 cc of air i.v." to euthanize the animal. Proposals to conduct an activity involving animals must contain a description of any euthanasia method to be used so that the IACUC can ensure that an appropriate method is being utilized. The IACUC must ensure that all proposals to conduct an activity involving animals, or to make a significant change in an ongoing activity involving animals, contains a description of any euthanasia method to be used.

This item has been corrected.

2.33 (b) (5)

ATTENDING VETERINARIAN AND ADEQUATE VETERINARY CARE.

(b) Each research facility shall establish and maintain programs of adequate veterinary care that include: (5) Adequate pre-procedural and post-procedural care in accordance with current established veterinary medical and nursing procedures.

Prepared By:

Katheryn Ziegerer, D.V.M.
KATHERYN ZIEGERER, D.V.M., USDA, APHIS, Animal Care

Title:

Date:

Feb-05-2010

Received By:

(b)(6), (b)(7)(c)

Date:

Feb-05-2010

Title:



Inspection Report

On 9/2/2009 a rabbit on protocol 98-0241 was injected with pentobarbital for euthanasia. The protocol states that "the rabbits will be monitored for cessation of respiration and heart beats for 5 min" after euthanasia. The post doctoral student did not verify death prior to giving the animal to another individual for postmortem sampling. This individual then discovered that that the animal was not deceased, but instead was anesthetized and was continuing to breathe. Confirmation of death after euthanasia is part of standard veterinary care and is done in order to protect the welfare of the animals. The research facility must ensure that death is confirmed after all euthanasias

This item has been corrected.

2.36 (b) (3)

ANNUAL REPORT.

(b) The annual report shall: (3) Assure that the facility is adhering to the standards and regulations under the Act, and that it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the IACUC. A summary of all such exceptions must be attached to the facility's annual report. In addition to identifying the IACUC-approved exceptions, this summary must include a brief explanation of the exceptions, as well as the species and number of animals affected;

During the last three fiscal years a total of 13 pigs on protocols 03-076 and 00-004 were fasted for 48 hours. None of the annual reports covering these time periods included notification that the IACUC had approved any exceptions to the standards and regulations under the Act. Registrants must include notification of all exceptions to the standards and regulations that are approved in protocols along with the annual report in order to facilitate enforcement of the Animal Welfare Act. The registrant must amend the annual reports to include a summary of any exceptions granted by the IACUC during the respective reporting periods and ensure that all annual reports assure that the facility is adhering to the standards and regulations under the Act and, if the IACUC approved any exception in protocols, include a summary of the exceptions including a brief explanation of the exceptions as well as the species and number of animals affected.

TO BE CORRECTED BY: March 15, 2010

2.36 (b) (8)

ANNUAL REPORT.

(b) The annual report shall: (8) State the common names and the numbers of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.

Protocol 95-052 is a hamster breeding study. During the last two fiscal years, hamster pups have been born during the protocol that were euthanized and not used for experimental purposes. None of these animals were reported on the annual reports covering these time periods. Annual reports must accurately disclose the number of animals used in order to facilitate enforcement of the Animal Welfare Act. The registrant must amend the annual reports to include all animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery during the respective reporting periods and ensure that all annual reports accurately disclose the required information.

Prepared By:

Katherine M. Ziegerer, DVM, YMO
KATHERINE M. ZIEGERER, DVM, YMO, USDA APHIS, AVIS-10

Title:



Received By:

(b)(6), (b)(7)(c)

Title:

Date:

Feb-05-2010

Date:

Feb-05-2010



Inspection Report

TO BE CORRECTED BY: March 15, 2010

3.125 (a)

FACILITIES, GENERAL.

(a) Structural strength. The facility must be constructed of such material and of such strength as appropriate for the animals involved. The indoor and outdoor housing facilities shall be structurally sound and shall be maintained in good repair to protect the animals from injury and to contain the animals.

A room used to house 3 pigs has a nonfunctional heater on the wall that has exposed, sharp point underneath within reach of the animals. During the inspection, at least one pig was observed touching the underside of the heater with its snout. The sharp edges could injure the animals. The research facility must ensure that all animal facilities are kept in good repair to protect the animals from injury at all times.

TO BE CORRECTED BY: February 15, 2010

This routine inspection was conducted by Katheryn Ziegerer, VMO, Natalie Cooper, VMO, and facility representatives on February 3 and 4, 2010. An exit conference was conducted on February 5, 2010.

Prepared By:

Katheryn Ziegerer, VMO, VMO
KATHERYN ZIEGERER, V.M.O. USDA APHIS Animal Care

Title:

Date:
Feb-05-2010

Received By:

(b)(6)

Date:
Feb-05-2010

Title:

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control
No. 0180-DOA-AN

Fiscal Year: 2010

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NUMBER: 47-R-0018

Customer Number: 1551

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code)

University Of Nebraska Medical Center
985810 Nebraska Medical Center
Omaha, NE 68198

Telephone: (402) 559 4034

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites) See Attached Listing

See Attachments

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4. Dogs			3		3
5. Cats			0		0
6. Guinea Pigs			29		29
7. Hamsters	319	62	405		786 467
8. Rabbits			152		152
9. Non-human Primates		14	46		60
10. Sheep			0		0
11. Pigs			136		136
12. Other Farm Animals			0		0
13. Other Animals					

ASSURANCE STATEMENTS

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(b)(6), (b)(7)(c)

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (L.O.))
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

(b)(7)(c), (b)(6)

DATE SIGNED
11/15/10

Attachment 1

47-R-0018

Locations Where Animals Were Housed or Used
(Item 3, APHIS Form 7023)

1. Wittson Hall (b)(7)(F)
2. Eppley Hall of Science (b)(7)(F)
3. Durham Research Center (b)(7)(F)
4. Durham Research Center II (b)(7)(F)
5. Lied Transplant Center (b)(7)(F)
6. College of Dentistry
40th Holdrege Street
Lincoln, NE 68585-0740
County: Lancaster

Effective October 26, 2010, the following facilities are no longer in use.

1. Eppley Hall of Science (b)(7)(F)
2. Eppley Hall of Science (b)(7)(F)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control
No. 0180-DOA-AN

Fiscal Year: 2009

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NUMBER: 47-R-0018

Customer Number: 1551

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code)

University Of Nebraska Medical Center
985810 Nebraska Medical Center
Omaha, NE 68198

Telephone: (402) 559 4034

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites) See Attached Listing

See Attachment 1

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4. Dogs			5		5
5. Cats			0		0
6. Guinea Pigs			0		0
7. Hamsters		125	219		344
8. Rabbits			148		148
9. Non-human Primates			56		56
10. Sheep			0		0
11. Pigs			73		73
12. Other Farm Animals			0		0
13. Other Animals					

ASSURANCE STATEMENTS

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(b)(6), (b)(7)(c)

DATE SIGNED

11/03/09

Attachment 1

Locations Where Animals Are Housed or Used
(Item 3 APHIS form 7023)

1. Wittson Hall (b)(7)(F)
2. Eppley Hall of Science (b)(7)(F)
3. Durham Research Center (b)(7)(F)
4. Lied Transplant Center (b)(7)(F)
5. College of Dentistry
40th Holdredge Street
Lincoln, NE 68583-0740
County, Lancaster

Addition:

6. Durham Research Center (b)(7)(F)

Deletion:

Midwest Veterinary Services
1443 Hwy 77
Oakland, NE 68045

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 47-R-0018
CUSTOMER NUMBER: 1551

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Nebraska Medical Center
985810 Nebraska Medical Center
Omaha, NE 68198

Telephone: (402) -559-4034

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

See Attachment 1

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			29		29
5. Cats			0		0
6. Guinea Pigs			43		43
7. Hamsters		278	48		326
8. Rabbits			200		200
9. Non-human Primates			36		36
0. Sheep			0		0
1. Pigs			134		134
2. Other Farm Animals			0		0
3. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

(b)(6), (b)(7)(c)

DATE SIGNED

11/06/08

Attachment 1

Locations Where Animals Are Housed or Used (Item 3 APHIS Form 7023)

1. Wittson Hall (b)(7)(F)
2. Eppley Hall of Science (b)(7)(F)
3. Durham Research Center (b)(7)(F)
4. Lied Transplant Center (b)(7)(F)
5. College of Denistry
40th Holdrege Street
Lincoln, NE 68583-0740
County: Lancaster

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.
47-R-0018

CUSTOMER NO.
1551

FORM APPROVED
OIA# NO. 0579-0035

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
UNIVERSITY OF NEBRASKA MEDICAL CENTER
985810 NEBRASKA MEDICAL CENTER
OMAHA, NE 68198
(402) 559-4034

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS/sites

See Attached Listing

See Attachment 1

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			20		20
5. Cats			0		0
6. Guinea Pigs			0		0
7. Hamsters	537		82		619
8. Rabbits			242		242
9. Non-Human Primates			42		42
10. Sheep			0		0
11. Pigs			94		94
12. Other Farm Animals			0		0
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

(b)(6), (b)(7)(c)

11/08/07



Date: 06-Aug-2010

United States
Department of
Agriculture

Animal and Plant
Health Inspection
Service

Animal Care
Western Region

2150 Centre Ave.
Building B
Mail Stop # 3W11
Ft. Collins, CO 80526
Phone: 970/494-7478
Fax: 970/494-7461

Enforcement Operations – IES HQ

OGC

IES Western Region

IES Investigator



**Additional information for Investigation of Alleged
Violations Regarding the Animal Welfare Act, Regulations,
and/or Standards**

Please add the following documentation to case #: NE10010

VIOLATOR NAME: UNIVERSITY OF NEBRASKA MEDICAL CENTER

ADDITIONAL INFORMATION:

Application documents

Licensing documents

Renewal documents

Cancellation documents

Inspection report dated Jul-20-2010

Inspection report dated _____ including CD

Inspection report dated _____ with photos, including CD

Inspection report dated _____ with photos

Correspondence

Other _____

If further information is needed, please let me know.

Robert M. Gibbens
Director, Western Region
USDA, APHIS, Animal Care



Safeguarding American Agriculture
APHIS is an agency of USDA's Marketing and Regulatory Programs

An Equal Opportunity Provider and Employer



Inspection Report

foot was swollen approximately twice normal size and had dried blood and exudate around the wound. This hamster also had a wound on the dorsal surface at the base of the tail, with dried blood and exudate present. One hamster had scratches along the ventral abdomen and back. In a separate enclosure, one hamster was observed with a red, swollen wound with dried blood and exudate present. According to facility representatives, facility policy dictates that the animals are to be observed twice daily; however, there was no documentation present that addressed these injuries or indicated that the attending veterinarian had been contacted at the time of inspection. All animals must be observed daily and any veterinary care issues must be timely and accurately relayed to the attending veterinarian. The facility must insure that a program is place to insure that all injured animals receive prompt and adequate veterinary care.

To be corrected from this date forward.

3.81 (c) (2)

ENVIRONMENT ENHANCEMENT TO PROMOTE PSYCHOLOGICAL WELL-BEING.

(c) Special considerations. Certain nonhuman primates must be provided special attention regarding enhancement of their environment, based on the needs of the individual species and in accordance with the instructions of the attending veterinarian. Nonhuman primates requiring special attention are the following: (2) Those that show signs of being in psychological distress through behavior or appearance;

At least one singly housed, nonhuman primate (Animal #70193) was observed to somersault at least six times, then rock back and forth numerous times, then somersault at least six times during the inspection. These stereotypical behaviors are indicative of psychological distress, and therefore the facility must provide this animal with special attention regarding environmental enhancement. According to the facility's Nonhuman Primate Behavior Management Program, primates showing signs of psychological distress will be placed on "special enrichment protocols" which will provide "increased positive social interaction with human caretakers on a daily basis, and increased environmental stimulation and variation." The facility was unable to present documentation that this animal was receiving additional environmental enhancement. The registrant must develop and follow a plan to ensure that those nonhuman primates that show signs of being in psychological distress through behavior or appearance receive special considerations with regard to enhancement of their environment, in order to protect the health and welfare of the animals.

To be corrected by 14 August 2010.

The inspection was conducted with Natalie R. Cooper, VMO, Jeff Baker, VMO and facility representatives. A thorough exit interview was conducted with Natalie R. Cooper, VMO, Jeff Baker, VMO and facility representatives at the conclusion of the inspection.

Prepared By:

NATALIE COOPER, D.V.M. USDA, APHIS, Animal Care

Date:

Title: VETERINARY MEDICAL OFFICER Inspector 6016

Jul-29-2010

Received By:

(b)(6), (b)(7)c

Date:

Title: REPORT SENT VIA ELECTRONIC MAIL

Jul-30-2010