Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-F-0004 CUSTOMER NO. 1262

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

USDA - FORESTRY AND RANGE SCIENCES LAB 1401 GEKELER LANE LA GRANDE, OR 97850 (541) 963-7122

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

Starkey Experimental Forest and Range

Union County, Oregon

PEPOPT OF ANMALS USED B	-	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A )	··· <del>·</del>
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					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals			·		
13. Other Animals					
Tame elk	24	30			
Wild elk		339			
Wild deer		93			
ASSURANCE STATEMENTS				se of anesthetic analogsic and tranquilizing drugs, prior to.	

- 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.

aspects with animal care and use.			
	BY HEADQUARTERS RESEARCH 'e Officer or Legally Responsible I 9 above is true, correct, and complete (7 U	Institutional official)	
		TITUTIONAL OFFICIAL (Type or Print)	10/31/06
	which is obsolete	PART 1	- HEADQUARTERS

(AUG 91)



#### UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS)



Instructions	Checklist	Submit Form 7023

#### FY2006 APHIS FORM 7023 Submission

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

See below for

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF **AGRICULTURE** ANIMAL AND PLANT HEALTH INSPECTION **SERVICE** 

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. Registration No: 92-R-0001 / 1046

FORM APPROVED OMB NO. 0579-0036

2. Headquarters Research Facility (Name and Address, as registered with USDA, include Zip Code): **OREGON HEALTH & SCIENCES UNIVERSITY** 3181 SW SAM JACKSON PARK RD., #L335 PORTLAND, OR 97201 T: (503) 494-4460

3. Reporting Facility (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Please verify that all Sites are listed below. To list additional Sites, select the link below.)

## **FACILITY LOCATIONS (sites) List Additional Sites**

- 3a. OREGON HEALTH & SCIENCES UNIV. 3181 SW SAM JACKSON PARK ROAD 3181 SW SAM JACKSON PARK RD., #L335 PORTLAND, OR 97201
- 3b. OREGON HEALTH & SCIENCES UNIV./WEST **CAMPUS** 3181 SW SAM JACKSON PARK ROAD/WEST **CAMPUS** PORTLAND, OR 97201

3d. 3c.

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY View Column Definitions						
Α	В	С	D	E	F	
4. Dogs		0	0	0	0	
5. Cats	0	0	9	0	9	
6. Guinea Pigs	0	0	764	0	764	
7. Hamsters	0	0	194	0	194	
8. Rabbits	0	0	251	0	251	
9. Non-Human Prima <b>t</b> es	2283	989	1013	0	2002	
10. Sheep	0	0	247	0	247	
11 Pins		0	152	0	152	

APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete) (AUG 91)

https://web01.aphis.usda.gov/AC/APHISACWeb2.nsf/AC/APHISACWeb2.nsf/Review/0... 11/30/2006



#### UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS)



#### **Instructions**

#### Submit Form 7023A

#### FY2006 APHIS FORM 7023A Submission

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties additional information.

See below for

Interagency Report Control No

0180-DOA-AN

as provided for in Section 2150. UNITED STATES DEPARTMENT OF **AGRICULTURE** 

ANIMAL AND PLANT HEALTH INSPECTION **SERVICE** 

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. Registration No: 92-R-0001 / 1046

FORM APPROVED OMB NO. 0579-0036

2. Headquarters Research Facility (Name and Address, as registered with USDA, include Zip Code): OREGON HEALTH & SCIENCES UNIVERSITY 3181 SW SAM JACKSON PARK RD., #L335 PORTLAND, OR 97201

T: (503) 494-4460

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INTER OR I OF AMINIMATO COLD D.		-
Definitions		

Definitions						
A	В	С	D	E	F	
12. Other Farm Animals	0	0	4	0	4	

APHIS FORM 7023A (Replaces VS FORM 18-23 (OCT 88), which is obsolete) (AUG 91)

Back

#### Back to Column Entry

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY Column Definitions

#### Column Definition

- Animals Covered By The Animal Welfare Regulations Α
- Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, В or surgery but not yet used for such purposes
- Number of animals upon which teaching, research, experiments, or tests were conducted involving no C pain, distress, or use of pain-relieving drugs.
- Number of animals upon which experiments, teaching, research, surgery, or tests were conducted D involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.

DEC - 5 2006



#### UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS)



# FY2006 APHIS Form 7023 Submission Assurance Statements and Signature Submission

	UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE					
	ANNU	AL REPORT OF RESEARCH FACILITY				
Regi	stration No:	92-R-0001 / 1046				
Head	OREGON HEALTH & SCIENCES UNIVERSITY 3181 SW SAM JACKSON PARK RD., #L335 PORTLAND, OR 97201 T: (503) 494-4460					
	Professionally acceptable standards govern and tranquilizing drugs, prior to, during, and research facility.	ing the care, treatment, and use of animals, including appropriate u following actual research, teaching, testing, surgery, or experiment	se of anesthetic, analgesic, ation were followed by this			
2)	Each principal investigator has considered a	alternatives to painful procedures.	!			
3)						
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)						
Sign Offic	gnature of C.E.O. or Institutional Name & Title of C.E.O. or Institutional Date Signed:					

**Back** 

### Annual Report of Research Facility Reference: APHIS Form 7023

Oregon Health Sciences University Main Campus 3180 SW Sam Jackson Park Road Portland, OR 97239

Certificate Number: 92-R-0001

The OHSU main-campus IACUC has approved the following exceptions (10/1/2005-9/30/2006):

Twenty-three protocols were approved allowing investigators to withhold food from sheep or goats for 24 hours prior to surgery. The IACUC accepted scientific justification that ruminants have fewer intra operative complications when fasted for 24 hours. 8 goats and 368 sheep were affected by this exception.

Seven protocols were approved allowing the housing of sheep for up to three weeks in stanchions that do not allow them to turn around. The sheep are allowed free access to food and water and are able to stand or lie down. The IACUC accepted scientific justification that this restraint is required to allow withdrawal and infusion of fluids through implanted catheters, continuous monitoring of coronary blood flow, and to prevent the sheep from nibbling at the catheters. 63 sheep were affected by this exception.

One protocol was approved allowing microswine to be housed for 48 hours in metabolic cages that do not provide the square footage of floor area recommended by the Guide. The metabolic cages are 3 ft by 4 ft and allow the pigs to lie down. The pigs are provided food and water and the cages are cleaned daily. The IACUC accepted justification that the pigs need to be housed in the metabolic cages to allow for collection of urine to determine urinary sodium excretion, metabolic sodium and water balance in a microswine model of hypertension following intrauterine growth retardation. No pigs were affects by this exception.

One protocol was approved allowing microswine to be restrained in panepinto slings for up to 4 hours. The IACUC accepted justification that the pigs need to be restrained to allow for access to ear vein catheters for rapid infusion of test drugs and blood sampling in a microswine model of hypertension following intrauterine growth retardation. 13 pigs were affects by this exception

Two protocols were approved allowing multiple major survival surgery in rabbits. The rabbits undergo a laporatomy to implant catheters in the abdominal aorta and vena cava. The rabbits are then allowed to recover for two weeks before a thoracotomy is performed to place an ascending aortic flow probe to measure cardiac output. The IACUC accepted justification that the multiple surgeries were necessary to improve survival rates for the complicated surgeries. No rabbits were affected by this exception.

One protocol was approved allowing the withholding of analgesia to hamsters being used in a LD50 study of *Burkholderia psuedomallei*. The IACUC accepted scientific justification that the study was necessary to determine the virulence of the study organism. 55 hamsters were affected by this exception.

One protocol was approved allowing the withholding of analgesics to guinea pigs undergoing ovariectomies. The IACUC accepted scientific justification that the use of analgesics would interfere with the study of the development of new selective estrogen receptor modulators. 65 guinea pigs were affected by this exception.

# Oregon Health and Science University Oregon Regional Primate Research Center APHIS Form 7023

Summary of exceptions to the AWA standards and regulations approved by the IACUC October 1, 2005 through September 30, 2006.

- 1. The IACUC granted exception to the AWA standard that nonhuman primates be housed so that they are able to see conspecifics for 3 specific projects. Introduction of new animals to a room can cause stress and alter experimental results. To allow for a smoother introduction period, if a new animal displays consistent signs of stress it is positioned in a way that disallows visual contact with conspecifics, but allows for vocalization. Two adult female rhesus macaques were involved with this exception during the report period. The duration of visual blockage is reduced to as minimal of period as possible, typically 1-5 days. These animals are monitored for signs of abnormal behavior by the Center's Psychological Well-Being staff, and are provided with positive interaction by the project research staff and animal care staff daily.
- The IACUC granted an exception to allow rhesus macaques to be briefly housed in a 2. location that did not allow immediate direct visualization of conspecifics. Due to the lack of opposing cages involving five cage rows in one non-human primate room, some animals were occasionally without the ability to view conspecifics. Only animals that are pair caged were housed in these rows alleviating the need for opposing cages that house conspecifics. These rows do offer the ability to house certain animals together that tend to be easily intimidated by more aggressive animals. A compatible pairing with another timid animal produces a dramatic increase in confidence in each partner. If a monkey, who lost its compatible cage mate were to be immediately moved into a location where it could see other unfamiliar animals, it would suffer two negative psychological impacts simultaneously: 1) having lost its compatible cage mate, a recognized stress factor, and 2) being suddenly faced with strange monkeys, some of whom may present hostile and aggressive signals to the newcomer. Adequate time is necessary to identify a new potential cage partner and appropriately introduce and socialize the new pair to each other. Thus for a short duration of usually less then 3 days these monkeys were without a cage pair. These animals received continued environmental enrichment, are monitored for signs of abnormal behavior by the Center's Psychological Well-Being staff, and are provided with positive interaction with animal care staff daily.
- 3. The IACUC granted an exception to the AWA standard that nonhuman primates be housed in specific cage sizes. This exception request involved 26 juvenile rhesus macaques housed in a nursery group cage at different time points where the surface dimension is under size but is taller than the standard height. Up to 6 animals are housed together for 3 6 weeks at a time and are representative of the larger end size of group 1 weight category (between 0.1 1.0 Kg) and smaller end size of group 2 weight category (between 1 3 Kg). The cage is 14.25 sq. ft. at the base, 67 inches in height and has an interior volume of 79.5 cubic ft. The standard size required for 6 animals of group 2 weight category is 18 sq. ft. and 30 inches tall which yields an interior volume of 45 cubic ft. The cage base reduction is deemed mitigated by the positive environmental enrichment provided and the expanded vertical movement capability. The grouping of young animals provides for better socialization. Furnishing the upper portions of the

cage with dendritic branches, suspended perches and hanging toys improves opportunity for exercise. The nursery is staffed more intensively than other alternate areas for which the young animals of concern could be caged allowing for a closer monitoring of their condition.

- 4. The IACUC granted a project an exception to the AWA standard for cage size to allow pairing of an adult rhesus macaque in group 4 weight category (between 10 15 Kg) with an adult rhesus macaque in group 3 weight category (between 3 10 Kg) in 4.3 sq. ft. tandem cages. Throughout this report period, a total of five group 4 weight category monkeys were pair housed in this fashion. All monkeys were in stable pairs affording positive social interaction between members which helped the animals assimilate natural behavior important for their health and psychological well-being. Alternatively these pair caged monkeys would be housed in single caging that would disallow the positive social environment of pair caged housing. Health monitoring was performed several times daily by members of the Animal Husbandry, Clinical and Psychological Well-Being staff. In August of 2006 the Institute was informed during a USDA Inspection that this cage size exemption was not valid for reasons based on facilitating compatible social housing alone. Actions have been put in place to remedy this cage size exception to the AWA standard.
- 5. The IACUC granted three projects exception to the AWA standard that nonhuman primates be housed in specific cage sizes. These involved the reduction of cage space from 4.3 sq. ft. to 4.0 sq. ft. for twenty group 3 weight category adult female rhesus macaques (between 3 10 Kg) for periods ranging 1-3 months. The monkeys involved, were instrumented by tethered vascular catheters and/or leads. The animals are fitted and adapted to vests, allowed full range of motion and able to stand up, lie down and move about the cage. The reduction in cage size is deemed necessary to protect the chronic capability of sampling from the animal and to preserve and protect the integrity of the instrumentation which when combined ultimately avails improved data for scientific research. The animals are monitored by animal care providers, project staff and by the Center's Psychological Well-Being staff. The alternative to continuous sampling by tethered instrumentation would entail frequent anesthesia that could have negative impact on the animal's condition as well as the quality of the data itself.
- 6. The IACUC granted an exception to the AWA standard for cage size to allow pairing of adult rhesus macaques in group 4 weight category (between 10 -15 Kg) in 4.3 sq. ft. tandem cages. Throughout the past year, a total of seventeen monkeys were pair housed in this fashion until a time in which larger cages became available. All monkeys were in stable pairs affording positive social interaction between members which helped the animals assimilate natural behavior important for their health and psychological well-being. Alternatively these pair caged monkeys would be housed in single caging that would disallow the positive social environment of pair caged housing. Health monitoring is performed several times daily by members of the Animal Husbandry, Clinical and Psychological Well-Being staff. This social housing technique will not be continued.
- 7. The IACUC granted a project an exception to the AWA standards regarding feeding so that 8 adult rhesus macaques were fed a 30% caloric reduced diet. This regime and most of the monkeys assigned to it were part of an ongoing caloric restricted study that originated over a decade ago at the National Institute of Aging facility in Poolsville, Maryland. Newly assigned monkeys to the 30% caloric reduced diet had their diet calorie content gradually reduced over a 2 month period. This diet had the same composition of protein, carbohydrates and fat as standard monkey chow but in order to insure adequate administration of vitamins and minerals with a reduced volume fed, the vitamins and

minerals had been enriched. Treats and food motivators consisting of but not limited to fruit, vegetables, unsalted crackers and frozen treats were given daily. All monkeys were monitored 3 times daily for behavioral deviations, defecation and for the quantity of fcod consumed. If monkeys spontaneously decreased their food intake or body weight by more than 30% of their initial baseline levels, veterinary services were summoned. In addition to possible veterinary prescribed procedures, diet alterations included the feeding of a highly palatable caloric rich substance or supplementation by enteral administration. This project was concluded in March 2006.

- 8. The IACUC granted a project an exception to the AWA standards regarding feeding so that 7 adult cynomolgus macaques could be fed a 20% caloric reduced diet for a period of 2 months. Vitamin and minerals are supplemented to normal levels. Monitoring by measurement of daily food intake, weekly weighing and weekly blood sampling to check hematocrit levels is accomplished to quantify the animal's condition. The animals are further monitored by animal care providers, clinical care staff, project staff and by the Center's Psychological Well-Being staff. Through the 2 month reduced caloric diet period all animals maintained their weight and normal blood hematocrit levels.
- 9. The IACUC granted and the USDA approved the Time Mated Breeding program an exception to the AWA standards for allowed number of research directed major, multiple survival surgeries for adult female rhesus macaques. Availability of rhesus macaques that cycle well and provide consistent pregnancies is extremely limited at NIH supported research facilities. Allowance for the increase to a total of 4 major survival surgeries (hysterotomies) on up to 2 different projects will expand the capability of reproductive studies and refine the efficient use of this limited nonhuman primate resource. Within the reporting period, 5 animals were tangential to the exception. Within the current 3 year exception period granted by Chester A. Gipson, Acting Deputy Administer, Animal Care, USDA that extends to April 4, 2008 for up to 100 animals, a total of 7 animals are tangential. The exception carries the following requirements:
  - 1) All animals under this exemption must be permanently identified.
  - 2) Complete health records must be maintained on each animal. These must include the name of any medication administered, as well as the dose, route and frequency/time of administration and a description of any complications that may arise. Health records must accompany the animals used in this study to any future studies.
  - 3) This exemption must be included on the research facility's Annual Report (APHIS Form 7023).
  - 4) The time between hysterotomies for catheter/electrode placement and fetus/tissue collection must be maximized to the extent permitted by the experimental design. The time between sets of hysterotomies will be no less then 6 months.
  - 5) Appropriate post-operative analgesia is described; it is suggested that consideration be given to intra-operative or other pre-emptive analgesic administration.
  - 6) An annual IACUC evaluation of this exemption is required; including an assessment of the animals as well as the effectiveness and soundness of the methods and procedures used on them. Particular attention should be paid to the procedures used to minimize pain and distress. This information must be included in the IACUC reports required under Section 2.35(a)(1).
  - 7) The subject animals must not undergo any other major survival surgery unless justified in accordance with 9 CFR, Part 2, Section 2.31(d)(x)(C).

This report is required by law (7 USC 2143).	Failure to report according to the regulations can
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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0002

CUSTOMER NO. 1047

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LEGACY HEALTH SYSTEMS - RES. ADMIN. P. O. BOX 3950 PORTLAND, OR 97208 (503) 413-1690

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.)

See Attached Listing

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					0
5. Cats			8		8
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits			3		3
9. Non-Human Primates	10	•••	30		40
10. Sheep			3		; <b>3</b>
11. Pigs			241		241
12. Other Farm Animals					
13. Other Animals					· · · · · · · · · · · · · · · · · · ·
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- 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.
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- 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

aspects of	animar care and use.			
	(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNATURE O	F C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type	•	DATE SIGNED
O. 1112 I VINE	LUGA IDROIGES VA FURM 18-23 (Oct 88) W	hich	DADT4 UE	ADOLLABTEDS

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See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0005 CUSTOMER NO. 1048

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, Include Zip Code)

OREGON STATE UNIVERSITY

312 KERR ADMINISTRATION BUILDING RESEARCH OFFICE CORVALLIS, OR 97331 (541) 737-9526

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

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4. Dogs		6_			6
5. Cats		·			
6. Guinea Pigs	30	5			5
7. Hamsters					
8. Rabbits		•			
9. Non-Human Primates				•	
10. Sheep	395	100	51		151
11. Pigs	6	9	.60		69
12. Other Farm Animals					
Horses	70	16	21		37
13. Other Animals					

- 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.
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- 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.

(Chief Executi	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) he above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS F(		1-HEADQUARTERS

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See reverse side for

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NO. 1. REGISTRATION NO.

FORM APPROVED OMB NO. ()579-0036

#### CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

92-R-0005 1048

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

Oregon State University-Research Office 312 Kerr Administration Building Corvallis, OR 97331 (541)737-9526

A	Anima⊧s Covered By The Animal Velfare 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.	F RESEARCH FACILITY  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 tranquillizing 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)
0th	er Farm Ani	mals:				ļ
Cow	<u> </u>	1107	250	27		277
Cam	elids		35	12		47
Pon	ies			15		15
				,		

- 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.

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL  fficer or Legally Responsible Institutional official) ve is true, correct, and complete (7 U.S.C. Section 2143)	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)  NICH IS OBSOL  PART 1 - H	DATE SIGNED

Interagency Report Control No 0180-DOA-AN

ANIMA AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0007

CUSTOMER NO. 1050

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

("YPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) PORTLAND STATE UNIVERSITY - OGSR

P. O. BOX 751 PORTLAND, OR 97207 (503) 725-3423

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						
		1					

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary 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	0	0	0	Ø	0
5. Cats	0	0	0	0	
6. Guinea Pigs	0	0	.0	0	0
7. Hamsters	3	0	10	0	1210
8. Rabbits			8	0	8
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS					<u> </u>

- 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.

aspects of animal care and use.		
CERTIFICATION	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	ve Officer or Legally Responsible Institutional official) ne 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 Pri	nt) DATE SIGNED
		11/30/06
	which is obsolete	PART THEADQUARTERS

interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0008 CUSTOMER NO. 1052 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) - 9/30/0/0 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF OREGON 1258 UNIVERSITY OF OREGON EUGENE, OR 97403 (503) 346-4958

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.)

See Attached Listing

FACILITY LOCATIONS(sites)

Streisinger Hall

A		B. Number of	C. Number of	(Attach additional sheets if necessity)  D. Number of animals upon	E. Number of animals upon which teaching,	F.
~		animals being	animals upon	which experiments,	experiments, research, surgery or tests were	<sup>r.</sup>
Animals	Covered	bred,	which teaching.	teaching, research,	conducted involving accompanying pain or distress	TOTAL NO.
	Animal	conditioned, or	research,	surgery, or tests were	to the animals and for which the use of appropriate	OF ANIMALS
Welfare I	Regulations	held for use in	experiments, or	conducted involving	anesthetic, analgesic, or tranquilizing drugs would	
		teaching, testing,	tests were	accompanying pain or	have adversely affected the procedures, results, or	(Cols. C+
		experiments,	conducted	distress to the animals	interpretation of the teaching, research,	D + E)
		research, or	involving no	and for which appropriate	experiments, surgery, or tests. (An explanation of	
		surgery but not vet used for such	pain, distress, or	anesthetic, analgesic, or	the procedures producing pain or distress in these animals and the reasons such drugs were not used	
		purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	must be attached to this report)	
4. Dogs						
5. Cats						
6. Guinea Pig	<u> </u>					
7. Hamsters						
8. Rabbits		1 2		24		24
				17		7
9. Non-Humai	Primates			<b>X</b>		<u> </u>
10. Sheep						
11. Pigs						
12. Other Farm	Animals					
13. Other Anim						
IS. Sulei Allili	<u> </u>					
				1		1

- 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

BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
e Officer or Legally Responsible Institutional official)	
e above is true, correct, and complete (7 U.S.C. Section 2143)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	12/21/01
	10/31/06
	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  Ve Officer or Legally Responsible Institutional official)  ie above is true, correct, and complete (7 U.S.C. Section 2143)  INAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PARI 1 - HEADQUARTERS

NOV 6 2006

This rep required by law (7 USC 2143). Failure to report according to the regulations can result in a order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0019

CUSTOMER NO. 1054

FORM APPROVED OMB NO. 0579-0036

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 ANIMAL FOUNDATION, INC.

621 RIVER AVE. EUGENE, OR 97404 (541) 689-9394

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 L	isting						
	,						

A. Animals By The Welfare Re	Animal	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 ANIMAL! (Cols. C + D + E)
4. Dogs		pd .	0	Ø	Ø	8
5. Cats			Ø	Ø	o o	Ø
6. Guinea Pigs		ø	Ø	0	Q	Ø
7. Hamsters		Ø	Ø	Ø	Ø	Ø
8. Rabbits	,	Ø	Ø	0	Ø	0
9. Non-Human	Primates	Ø	Ø	Ø	Ø	Б
10. Sheep		Ø	0	Ø	Ø	Ø
11. Pigs		Ø	Ø	Ø	ĺ Ø	Ø
12. Other Farm A	\nimals	Ø	g	Ø	Ø	0
13. Other Anima	is		0	Q	Ø.	Ø

<sup>1)</sup> 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.

OCT - 5 2006

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			

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

**PART 1 - HEADQUARTERS** 

<sup>3)</sup> 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.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0020

CUSTOMER NO. 8222

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)

> LINFIELD COLLEGE 900 SOUTH EAST BAKER MCMINNVILLE, OR 97128

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

FACILITY LOCATIONS(sites) LINFIELD COLLEGE

MCMINNVILLE, OR 97128

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	0	0	O	0	0
5. Cats	U	D	D	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	O	O	0	Ò	0
3. Rabbits	0	0	O	0	0
9. Non-Human Primates	0	D	0	0	0
10. Sheep	D	D	Q	$\circ$	0
11. Pigs	0	0	0	. 0	$\mathcal{O}$
12. Other Farm Animals	D	Ò	0	0	O
13. Other Animals	D	D	0	0	0

- 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.

	(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL  Ifficer or Legally Responsible Institutional official)  ove is true, correct, and complete (7 U.S.C. Section 2143)		
		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of	or Print)	DATE SIGNED
		1/11/	67	11/14/2006
·	:t 88), whi		PART 1 - HE	<b>ADQUARTERS</b>
(AUG 91)		<b>A</b>		

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This report is required by law (7 USC 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

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0022 CUSTOMER NO. 1055

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) PORTLAND COMMUNITY COLLEGE

PORTLAND COMMUNITY COLLEGE

PORTLAND COMMUNITY COLLEGE

PO BOX 19000/12000 SW 49TH AVE PORTLAND, OR 97219 (503) 614-7330 (Acting Chair)

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.)

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FACILITY LOCATIONS(sites)

See Attached Listing Rock Creek Campus, 17705 NW Springville Road. Portland Oregon 97229, Washington County

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.	Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of enimels upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the enimels and for which the use of appropriate anesthetic, enelgesic, or tranquitizing drugs would have adversely effected 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	0	17	9	0	26
5. Cats	0	12	9	0	21
6. Guinea Pigs	0	2	0	0	2
7. Hamsters	0	1	0	0	1
8. Rabbits	0	3	0	0	3
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Horse	0	1	0	0	1
13. Other Animals	>				

<sup>1)</sup> 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.

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

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<b>HEADQUARTERS</b>
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<sup>2)</sup> Each principal investigator has considered alternatives to painful procedures.

<sup>3)</sup> 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.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0031 CUSTOMER NO. 1057 FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

GEORGE FOX UNIVERSITY 414 N. MERIDIAN STREET NEWBERG, OR 97132 (503) 538-8383

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					
						,
						Calles
REPORT OF AN	MALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A )	
By T	is Covered he Animal 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, rusuits, 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						
5. Cats						
6. Guinea Pi	s					
7. Hamsters						
8. Rabbits				4		4
9. Non-Huma	in Primates					
10. Sheep						
11. Pigs						
12. Other Fam	n Animals					
13. Other Anir	nals					
ASSLIDANCE	TATEMENTO					

- 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.

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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY	OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutions	il official)
!	ify that the above is true, correct, and complete (7 U.S.C. Section	1 2143)
	IAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL	OFFICIAL (Type or Print) DATE SIGNED
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		1/-17-16
		1/1/1/20
	23 (Oct 88) which is obsolete	PART 1 - HEADQUARTERS

This report is required by law (7 USC 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.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-R-0037 CUSTOMER NO. 1820

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 SOUTHERN OREGON UNIVERSITY

1250 SISKIYOU BLVD. ASHLAND, OR 97520 (541) 552-6319

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)

REPORT OF AN	MALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
By Th	s Covered e Animal 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 (Cois. C + D + E)
4. Dogs						
5. Cats						
6. Guinea Pig	<b>S</b>					
7. Hamsters						
8. Rabbits						
9. Non-Huma	n Primates					
10. Sheep						
11. Pigs						
12. Other Farm	Animals					
13. Other Anim	als					
LAB	MICE	ONLY				54
ASSLIBANCE ST	TATEMENTO					

- 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.

aspects of	animai care and use.			
	(Chief Exe	cutive C	/ HEADQUARTERS RESEARCH FACILITY OFFICIAL  Officer or Legally Responsible Institutional official)  ove is true, correct, and complete (7 U.S.C. Section 2143)	
CICNATURE O	E C E Ó OD INICTITUDIAL OFFICIAL		THAMP O THE PAPARA AR INSTRUMENTAL APPRIATE AT THE PARAMETER APPRIATE AT THE PAPARAMETER AT THE PAPARAMETER APPRIATE AT THE PAPARAMETER APPRIA	DATE SIGNED
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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 92-V-0001

CUSTOMER NO. 1321

FORM APPROVED OMB NO. 0579-0036

## **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VA MEDICAL CENTER (648)

VA MEDICAL CENTER (648) 3710 SW US VETERAN HOSPITAL PORTLAND, OR 97201

3. REPORTINS 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)

VA MEDICAL CENTER (648) PORTLAND, OR 97201

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					*****
5. Cats					
6. Guinea Plgs					
7. Hamsters					
8. Rabbits			4		4
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Fann Animals					
13. Other Animals					
voles	199		18		18

- 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.

aspects of annual care and use.	en de la companya de	
(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  e Officer or Legally Responsible Institutional official)  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
		11/07/2006

APHIS FORM 7023 (AUG 91)

**ASSURANCE STATEMENTS** 

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS