

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	1. CERTIFICATE NUMBER: 33-R-0018 CUSTOMER NUMBER: 599	FORM APPROVED OMB NO. 0579-0036
University Of Illinois At Chicago (b)(2)High, (b)(7)f 1840 W. Taylor St, (b)(2)High, (b)(7)f Chicago, IL 60612 Telephone: (312) -996-7040		

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)

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 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		30	234		264
5. Cats					
6. Guinea Pigs	8	577	66		643
7. Hamsters					
8. Rabbits	4	253	186		439
9. Non-human Primates	63	60	357	6	423
10. Sheep					
11. Pigs			76		76
12. Other Farm Animals					
Cows	1		13		13
13. Other Animals					
Chinchillas		5			5
Naked Mole Rat	30	108	8		116
Voies	54	777	44		821

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 rest 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 ap 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 inc 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)	
SIGN: (b)(6), (b)(7)c	DATE SIGNED: <i>11/25/08</i>

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**University of Illinois-Chicago
USDA Annual Report 2008
Column E Explanation**

1. Registration Number: 33-R-0018
2. Project 1:
 - a. **Number of animals used in this study:** 77 of which 6 are reported in category E. It should be noted that these 6 animals were also reported as part of a group of 27 category E animals in the 2007 USDA Annual Report. The reporting of these 6 animals in the 2007 and 2008 annual reports reflects the fact that the animals were on study as of September 30th and October 1st 2007.
 - b. **Species (common name) of animals used in this study:** Rhesus monkeys
 - c. **Explain the procedure for producing pain and/or distress:** This project, which supported a NIH-NIAID-DAIT RFP, was conducted to establish a second academic center in the United States to determine recovery and survival rates associated with the delivery of baseline standard of care one would expect to be given to humans clinically after a [REDACTED]. A key component of the project was to establish a [REDACTED] and [REDACTED] prior to studying the potential benefit of agents with [REDACTED]. As part of this study, nonhuman primates received [REDACTED]. Post exposure animals were [REDACTED]. Monitoring included the [REDACTED].
[REDACTED] Animals on study received extensive supportive care including antibiotics, fluids, transfusions, and nutritional support. At the conclusion of the [REDACTED] animals that had not died or been euthanatized were either euthanatized and [REDACTED] or transferred to another institution where the [REDACTED] would be monitored.
 - d. **Provide scientific justification why pain/and/or distress could not be relieved. State methods or means used to determine that pain and/or distress would interfere with test results:** The use of analgesics was not precluded from the study design and a portion of animals reported in column E did receive buprenorphine; however, it was the consensus of the veterinary staff that due to the nature of the study that those animals, which met humane endpoint criteria or were found dead, be reported in column E of the USDA Annual Report.

Summary of Exceptions
University of Illinois – Chicago
33-R-0018

The Institutional Animal Care and Use Committee of the University of Illinois – Chicago has approved an exception to the minimum space requirements in **Subpart D Section 3.80 Primary Enclosures** of the Standards promulgated to implement the Animal Welfare Act for the temporary housing of male and female baboons (*Papio sp.*). The exception granted was that the male cage does not have to provide twice the minimal area required to house one animal during periods of breeding. This exception is for the period or time that a female baboon is placed in the male's cage for the purpose of breeding. This period generally does not exceed five days and the male cage contains 15 sq. ft. The exception was granted because the housing is only temporary in nature, and it is generally accepted practice for many species that the female is taken to the male's cage for breeding. It is the consensus of the veterinary staff that the current system provides adequate space for animals to engage in species specific interactive behaviors. During the last year, 6 animals were temporarily housed under this exception.

The Institutional Animal Care and Use Committee of the University of Illinois – Chicago has approved an exception for the requirements in **Subpart D Section 3.84 Cleaning, Sanitation, Housekeeping, and Pest Control** of the Standards promulgated to implement the Animal Welfare Act for cleaning/sanitation of primary cages. The exception granted was that cages used to house nonhuman primates maintained in a BSL-3 facility would be changed every thirty days instead of every 2 weeks. The exception was granted to minimize potential staff exposure to infectious agents as well as minimize potential macro-environment contamination of the BSL-3 facility during the cage changing process. Cages were spot cleaned on an as needed basis during the 30 day period between cage sanitation. Sixty-eight nonhuman primates (cynomolgus and rhesus monkeys) were maintained under this exception for periods of 60-90 days. The health and husbandry of the animals maintained under this exception was monitored by the veterinary and husbandry staff during the course of the project. No health or husbandry problems related to the exception were noted.

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