it displays a valid OMB cor collection is estimated to a	trol number. The valid OM		nation collection is	s 0579-0036.	The time required to c	collection of information unless omplete this information tering and maintaining the data	<b>OMB APPROVED</b> 0579-0036
	aw (7 U.S.C. 2143). Failure ies as provided for in Sectio	to report according to the regunn 2150.	llations can result	in an order to	cease and desist	Interagency Report Control No. 0180-DOA-AN	Fiscal Year: 2019
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE				REGISTRATION NUMBER: 42-R-0004 Customer Number: 1576			
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code) UNIVERSITY OF IOWA Office of Animal Resources, Office of the IACUC L350 P B D B 169 NEWTON ROAD IOWA CITY, IA 52242 Telephone: (319) 335-7985			
REPORT OF ANIMALS U	SED BY OR UNDER CONT	ROL OF RESEARCH FACILI	TY (Attach addition	onal sheets if I	necessary or use APH	IS 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 a upon which exp teaching, resea surgery, or test conducted invo accompanying distress to the a for which appro anesthetic, ana tranquilizing dru used.	periments, arch, s were lving pain or animals and opriate Igesic, or	experiments, researc conducted involving to the animals and fo anesthetic, analgesic have adversely affec interpretation of the t experiments, surgery the procedures produ	, or tests. (An explanation of ucing pain or distress on these cons such drugs were not used	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4 Dogs	0	0	8		0		8
5 Cats	0	0	0		0		0
6 Guinea Pigs	0	0	0		0		0
7 Hamsters	0	0	10		0		10
8 Rabbits	12	0	234		0		234
9 Non-Human Primates	0	0	0		0		0
10 Sheep	0	0	21		0		21
11 Pigs	5	0	706		0		706
12 Other Animals	605	1,480	375		0		1,855
Domestic Ferret	605	1,480	375		0		1,855
			1				1

## 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.		
(Chief Exect Institut	FICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL <i>tive Officer (C.E.O.) or Legally Responsible</i> <i>tional Official (I.O.)</i> ) I certify that the above is true, and complete (7 U.S.C. Section 2143).	
		DATE SIGNED
		21-OCT-2019