### ANNUAL REPORT OF RESEARCH FACILITY

#### FUNDING AGENCY
Trustees Of Dartmouth College
Office Of Grants & Contracts
204 Parkhurst Hb 8004
Hanover, NH 03755

#### CERTIFICATE NUMBER:
12-R-0001

#### CUSTOMER NUMBER:
166

#### NOV 17 2004

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

<table>
<thead>
<tr>
<th>A. Animals Covered by The Animal Welfare Regulations</th>
<th>B. Number of Animals Used in Research, Testing, or Experimentation</th>
<th>C. Number of Animals Upon Which Experiments, Research, Surgery, or Tests Were Conducted Involving No Pain, Distress, or Use of Pain-Relieving Drugs</th>
<th>D. Number of Animals Upon Which Experiments, Research, Surgery, or Tests Were Conducted Involving Pain or Distress to the Animals and for Which Appropriate Anesthetic, Analgesic, or Tranquilizing Drugs Were Used</th>
<th>E. Number of Animals Upon Which Experiments, Research, Surgery, or Tests Were Conducted Involving Accompanying Pain or Distress to the Animals and for Which Appropriate Anesthetic, Analgesic, or Tranquilizing Drugs Would Have Adversely Affected the Procedures, Interpretation of the Results, or Use of the Results</th>
<th>F. Total Number of Animals (Columns C + D + E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Dogs</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td>5. Cats</td>
<td>20</td>
<td>20</td>
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<td></td>
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</tr>
<tr>
<td>6. Guinea Pigs</td>
<td></td>
<td>146</td>
<td>146</td>
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<tr>
<td>7. Hamsters</td>
<td>1</td>
<td>1</td>
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<tr>
<td>8. Rabbits</td>
<td>10</td>
<td>10</td>
<td>10</td>
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<td></td>
</tr>
<tr>
<td>9. Non-human Primates</td>
<td>13</td>
<td>13</td>
<td>13</td>
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<tr>
<td>10. Sheep</td>
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<tr>
<td>11. Pigs</td>
<td>241</td>
<td>241</td>
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<tr>
<td>12. Other Farm Animals</td>
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<tr>
<td>13. Other Animals</td>
<td>2</td>
<td>2</td>
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<tr>
<td><strong>Total</strong></td>
<td>356</td>
<td>356</td>
<td>356</td>
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</tbody>
</table>

### 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, testing, 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 requested 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 for 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)

#### DATE SIGNED

[Signature]

[Date]
Dartmouth College – Animal Facilities

Animal Resources Center
Borwell Building
One Medical Center Drive
7150 Borwell
Level 3
Lebanon, NH 03756

Animal Resources Center
Vail Building
30B Vail Building
Hanover, NH 03755

Animal Resources Center
Moore Building
Moore Loading Dock
Hanover, NH 03755

Telephone: (603) 650-7592 (main number)
### Annual Report of Research Facility

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.

**United States Department of Agriculture**

**Animal and Plant Health Inspection Service**

**Annual Report of Research Facility**

**Type or Print**

<table>
<thead>
<tr>
<th>A. Animals Covered</th>
<th>B. Number of Animals Being Treated, Conditioned, or Held for Use in Teaching, Testing, Research, or Surgery but Not Yet Used for Such Purposes</th>
<th>C. Number of Animals Upon Which Teaching, Research, Experiments, or Tests Were Conducted Involving No Pain, Distress, or Use of Pain-Relieving Drugs</th>
<th>D. Number of Animals Upon Which Teaching, Research, Experiments, or Tests Were Conducted Involving Accompanying Pain or Distress to the Animals and for Which Appropriate Anesthetic, Analgesic, or Tranquilizing Drugs Were Used</th>
<th>E. Number of Animals Upon Which Teaching, Research, Experiments, 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 Procedure, Result, 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)</th>
<th>F. Total No. of Animals (Cols. C + D + E)</th>
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<tbody>
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<td>4. Dogs</td>
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**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**

11/19/2004

**APHS Form 7023**

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

**Part 1 - Headquarters**