



HLC Accreditation 2016-2017

## **Evidence Document**

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Research and Technology Transfer

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### **Animal Welfare Assurance: Number A3824-01**

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**Additional information:**

**Wichita State University**  
A3824-01  
**ANIMAL WELFARE ASSURANCE**  
**in accordance with the PHS Policy for**  
**Humane Care and Use of Laboratory Animals**

I, Dr. John Tomblin, as named Institutional Official for animal care and use at Wichita State University, provide assurance that this Institution will comply with the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy).

**I. APPLICABILITY OF ASSURANCE**

This Assurance applies whenever this Institution conducts the following activities: all research, research training, experimentation, biological testing, and related activities involving live vertebrate animals supported by the PHS. This Assurance covers only those facilities and components listed below.

- A. The following are branches and components over which this Institution has legal authority, included are those that operate under a different name:

"Institution" includes the following branches and major components of Wichita State University: All Colleges, Schools, Departments, etc. that are physically located on the University's Main Campus in Wichita, Kansas. Also included are the University's (3) biological field stations:

1. Gerber Reserve (near Waterloo, KS) – Located approximately 45 miles west of campus. This reserve consists of about 157 acres of land that may be used for research, preservation, and maintenance of the Kansas prairie.
2. Ninnescah Reserve (near Viola, KS) - Located approximately 25 miles southwest of campus. This reserve consists of about 330 acres of native and restored prairie and riparian woodland along a mile reach of the Ninnescah River. This unique habitat offers opportunities for studying restoration and river ecology and general wildlife biology. There is a building on this site.
3. Sellers Reserve (N. of the Ninnescah Reserve) - Located approximately 25 miles southwest of campus. This reserve consists of about 20 acres of land that may be used for research, preservation, and maintenance of the Kansas prairie.

- B. The following are other institutions, or branches and components of another institution:

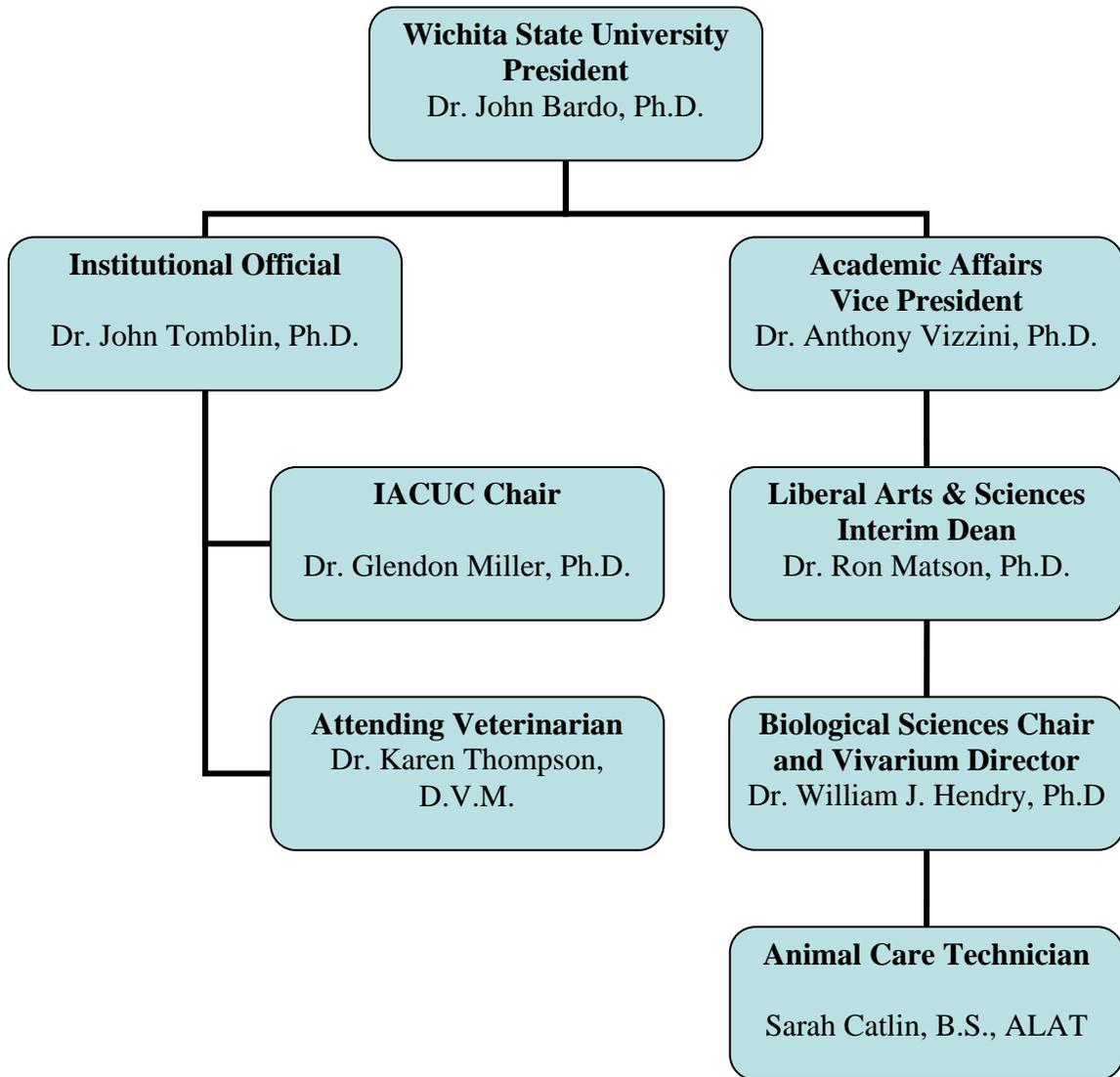
This includes any institution that is subawarding or subcontracting a PHS-conducted or -supported activity by this Institution.

## II. INSTITUTIONAL COMMITMENT

- A. This Institution will comply with all applicable provisions of the [Animal Welfare Act](#) and other Federal statutes and regulations relating to animals.
- B. This Institution is guided by the "U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training."
- C. This Institution acknowledges and accepts responsibility for the care and use of animals involved in activities covered by this Assurance. As partial fulfillment of this responsibility, this Institution will ensure that all individuals involved in the care and use of laboratory animals understand their individual and collective responsibilities for compliance with this Assurance, and other applicable laws and regulations pertaining to animal care and use.
- D. This Institution has established and will maintain a program for activities involving animals according to the *Guide for the Care and Use of Laboratory Animals* ([Guide](#)).
- E. This Institution agrees to ensure that all performance sites engaged in activities involving live vertebrate animals under consortium (subaward) or subcontract agreements have an Animal Welfare Assurance and that the activities have Institutional Animal Care and Use Committee (IACUC) approval.

### III. INSTITUTIONAL PROGRAM FOR ANIMAL CARE AND USE

A. The lines of authority and responsibility for administering the program and ensuring compliance with the PHS Policy are as follows:



As depicted in the organizational chart above, there are direct and open lines of communication between the IACUC and the Institutional Official (IO) and between the Attending Veterinarian and the IO.

- B. The qualifications, authority, and percent of time contributed by the veterinarian(s) who will participate in the program are as follows:

Name: Karen Thompson

Qualifications:

- Degrees: B.S. (Agriculture), Kansas State University; D.V.M., Kansas State University (KSU).
- Training and/or experience in laboratory animal medicine: While in veterinary school, Dr. Thompson worked with Dr. Krukenberg at the laboratory animal facility at KSU and had exotic animal rotation, 1994-1996. Now she has over 17 years of private veterinary practice experience with an emphasis in small and exotic animals. Also, she has served as the WSU part-time Attending Veterinarian. In 2012, she attended the PRIM&R conference in Boston.

Authority: Dr. Thompson has direct program authority and responsibility for the Institution's animal care and use program including the authority access to all animals.

Time Contributed to Program: Dr. Thompson is available by phone, text, or e-mail daily. She visits the campus facility every 30 days or more frequently, as needed. She also participates in each semi-annual review of the program and facilities, attends monthly IACUC meetings, and is present during the AAALAC International Site Visits. Dr. Thompson is present at the Institution typically five (5) hours a month and 100% of this time is contributed to the animal care and use program.

Provisions for Back-up Part-Time Attending Veterinarian: Dr. Amy Ekerberg, DVM, is our back-up part-time attending veterinarian. She has 19 years as a veterinary medical practitioner and 9 years in veterinary zoological medicine. She is also the Co-Owner and Operator of Northridge Veterinary Hospital and Rehabilitation.

- C. The IACUC at this Institution is properly appointed according to PHS Policy IV.A.3.a. and is qualified through the experience and expertise of its members to oversee the Institution's animal care and use program and facilities. The IACUC consists of at least 5 members, and its membership meets the composition requirements of PHS Policy IV.A.3.b. Attached is a list of the chairperson and members of the IACUC and their names, degrees, profession, titles or specialties, and institutional affiliations.

- D. The IACUC will:

- 1) Review at least once every 6 months the Institution's program for humane care and use of animals, using the *Guide* as a basis for evaluation. The IACUC procedures for conducting semiannual program reviews are as follows:

At least once every six months the IACUC will designate two or more members of the IACUC to review the Institution's Program for Humane Care and Use of Animals. The IACUC uses the *Guide* and other pertinent resources, e.g., the PHS Policy, the Code of Federal Regulations (Animal Welfare) as a basis for the review. To facilitate the review, the IACUC will use the sample Semiannual Program and Facility Review Checklist from the OLAW website. The evaluation will include, but not necessarily be limited to, a review of the following: a) IACUC Membership and Functions; b) IACUC Records and Reporting Requirements; c) Husbandry and Veterinary Care (all aspects); d) Personnel Qualifications (Experience and Training); and d) Occupational Health and Safety. In addition, the evaluation will include a review of the Institution's PHS Assurance. If program deficiencies are noted during the review, they will be categorized as significant or minor and the IACUC will develop a reasonable and specific plan and schedule for correcting each deficiency. A significant deficiency is one that is or may be a threat to the health and safety of the animals or personnel. No member will be involuntarily excluded from participating in any portion of the reviews.

- 2) Inspect at least once every 6 months all of the Institution's animal facilities, including satellite facilities and animal surgical sites, using the *Guide* as a basis for evaluation. The IACUC procedures for conducting semiannual facility inspections are as follows:

At least once every six months the IACUC will designate two or more members of the IACUC to inspect all of the institution's animal facilities where animals are housed or used, i.e., holding areas, animal care support areas, storage areas, procedure areas, and laboratories where animal manipulations are conducted. Equipment used for transporting of the animals is also inspected. The IACUC uses the *Guide* and other pertinent resources, e.g., the PHS Policy, the Code of Federal Regulations (Animal Welfare) as a basis for the review. To facilitate the inspection, the IACUC will use the sample Semiannual Program and Facility Review Checklist from the OLAW website. If deficiencies are noted during the inspection, they will be categorized as significant or minor and the IACUC will develop a reasonable and specific plan and schedule for correcting each deficiency. A significant deficiency is one that is or may be a threat to the health and safety of the animals or personnel. No member will be involuntarily excluded from participating in any portion of the inspections.

- 3) Prepare reports of the IACUC evaluations according to PHS Policy IV.B.3. and submit the reports to the Institutional Official. The IACUC procedures for developing reports and submitting them to the Institutional Official are as follows:

Individual IACUC members participating in the semiannual program reviews and facility inspections will convey their findings to the IACUC Chairperson, or his designee, who will draft the report using the sample Semiannual Program and Facility Review Checklist from the OLAW website. The reports will contain a description of the nature and extent of the institution's adherence to the *Guide* and the PHS Policy, identify specifically any departures from the provisions of the *Guide* and the PHS

Policy, and state the reasons for each departure. The reports will distinguish significant deficiencies from minor deficiencies. If program or facility deficiencies are noted, the reports will contain a reasonable and specific plan and schedule for correcting each deficiency. If some or all of the institution's facilities are accredited by AAALAC International, the report will identify those facilities as such. Copies of the draft reports will be reviewed, revised as appropriate, and approved by the IACUC. The final reports will include any minority opinions. If there are no minority opinions, the reports will reflect such. Following completion of each evaluation, the completed report will be submitted to the Institutional Official in a timely manner: within 30-60 days.

- 4) Review concerns involving the care and use of animals at the Institution. The IACUC procedures for reviewing concerns are as follows:

Any individual may report concerns to the IO, IACUC Chair, Institutional Veterinarian, or any member of the IACUC. Notices are located in the animal facilities advising individuals how and where to report animal welfare concerns and stating that any individual who, in good faith, reports an animal welfare concern will be protected against reprisals. All reported concerns will be brought to the attention of the full IACUC. If necessary the IACUC Chair will convene a meeting to discuss, investigate, and address any reported concern. Reported concerns and all associated IACUC actions will be recorded in the IACUC meeting minutes. The IACUC will report such actions to the IO and, as warranted, to AAALAC, International and OLAW.

- 5) Make written recommendations to the Institutional Official regarding any aspect of the Institution's animal program, facilities, or personnel training. The procedures for making recommendations to the Institutional Official are as follows:

Recommendations regarding any aspects of the institution's animal program, facilities, or personnel training are discussed and developed by the IACUC. The IACUC's recommendations are included in the IACUC meeting minutes, a report of the IACUC's evaluations, or a separate letter. Such documents are reviewed and approved by the IACUC and then submitted to the IO.

- 6) Review and approve, require modifications in (to secure approval), or withhold approval of PHS-supported activities related to the care and use of animals according to PHS Policy IV.C.1-3. The IACUC procedures for protocol review are as follows:

Principal Investigators (PIs) submit protocols (hard copy or electronically) to the IACUC Coordinator for processing. If all required information is provided, the IACUC Coordinator prepares a pdf document that includes all protocols approved for review. These are submitted via email, fax, or hard copy to all members of the IACUC prior to the meeting. Each member of the IACUC is expected to review the protocols prior to Full Committee Review (FCR).

Generally, the Full Committee Review (FCR) method will be used. FCR of protocols is conducted by a quorum of the IACUC at a regularly scheduled or specifically convened meeting. Each member is encouraged to ask questions and discuss each protocol as needed. Once discussion subsides, a motion is made to either approve, require modifications (to secure approval), or disapprove a protocol. This is followed by a vote. The minutes of the meeting will reflect the results of that vote. Following the meeting, the IACUC Coordinator notifies the PIs and Vivarium of the IACUC's decision regarding protocols by sending a protocol review form via email.

FCR is appropriate at any time and required when requested by any member of the IACUC. Each member has the opportunity to review any protocol and the opportunity to request FCR before approval can be granted.

Both the PHS Policy and AWAR recognize a method of “designated member review” (DMR). The Designated Member Reviewer(s) is/are appointed by the IACUC Chair. The result of the DMR review is one of the following: approval, modifications required to secure approval, or referral for Full Committee Review.

The IACUC considers the following in the preparation and review of animal care and use protocols:

- Rationale and purpose of the proposed use of animals
- Justification of the species and number of animals requested. Whenever possible, the number of animals requested should be justified statistically.
- Availability or appropriateness of the use of less-invasive procedures, other species, isolated organ preparation, cell or tissue culture, or computer simulation.
- Adequacy of training and experience of personnel with the procedures used.
- Unusual housing and husbandry requirements.
- Appropriate sedation, analgesia, and anesthesia, paying attention to scales of pain and invasiveness.
- Unnecessary duplication of experiments.
- Conduct of multiple major operative procedures.
- Criteria and process for timely intervention, removal of animals from a study, or euthanasia if painful or stressful outcomes are anticipated.
- Post-procedure care.
- Method of euthanasia or disposition of animal.
- Safety of working environment for personnel.

#### Required modifications

When the IACUC requires modifications (to secure approval) of a protocol, such modifications are reviewed as follows:

- a. FCR or DMR following the procedures delineated above.
- b. DMR if approved unanimously by all members at the meeting at which the required modifications are developed, delineated, AND if the entire current IACUC has previously approved and documented a policy of DMR for required

modifications; provided however, that if any member calls for FCR of the modifications, such modifications can only be reviewed and approved by FCR.

- c. Minor modifications of an administrative nature, i.e., typographical or grammatical errors, required signatures, etc. may be confirmed by IACUC administrative/support personnel.

No member may participate in the IACUC review or approval of a protocol in which the member has a conflicting interest (e.g., is personally involved in the project) except to provide information requested by the IACUC; nor may a member who has a conflicting interest contribute to the constitution of a quorum. The IACUC may invite consultants to assist in reviewing complex issues. Consultants may not approve or withhold approval of an activity or vote with the IACUC unless they are also members of the IACUC.

Note: Any use of telecommunications will be in accordance with NIH Notice NOT-OD-06-052 of March 24<sup>th</sup>, 2006, entitled Guidance on Use of Telecommunications for IACUC Meetings under the PHS Policy on Humane Care and Use of Laboratory Animals.

In order to approve proposed protocols or proposed significant changes in ongoing protocols, the IACUC will conduct a review of those components related to the care and use of animals and determine that the proposed protocols are in accordance with the PHS Policy. In making this determination, the IACUC will confirm that the protocol will be conducted in accordance with the Animal Welfare Act insofar as it applies to the activity, and that the protocol is consistent with the *Guide* unless acceptable justification for a departure is presented. Further, the IACUC shall determine that the protocol conforms to the institution's PHS Assurance and meets the following requirements:

- i. Procedures with animals will avoid or minimize discomfort, distress, and pain to the animals, consistent with sound research design.
- ii. Procedures that may cause more than momentary or slight pain or distress to the animals will be performed with appropriate sedation, analgesia, or anesthesia, unless the procedure is justified for scientific reasons in writing by the investigator.
- iii. Animals that would otherwise experience severe or chronic pain or distress that cannot be relieved will be painlessly killed at the end of the procedure or, if appropriate, during the procedure.
- iv. The living conditions of animals will be appropriate for their species and contribute to their health and comfort. The housing, feeding, and nonmedical care of the animals will be directed by a veterinarian or other scientist trained and experienced in the proper care, handling, and use of the species being maintained or studied.
- v. Medical care for animals will be available and provided as necessary by a qualified veterinarian.

- vi. Personnel conducting procedures on the species being maintained or studied will be appropriately qualified and trained in those procedures.
  - vii. Methods of euthanasia used will be consistent with the current recommendations of the American Veterinary Medical Association (AVMA) Guidelines on Euthanasia, unless a deviation is justified for scientific reasons in writing by the investigator and approved by the IACUC.
- 7) Review and approve, require modifications in (to secure approval), or withhold approval of proposed significant changes regarding the use of animals in ongoing activities according to PHS Policy IV.C. The IACUC procedures for reviewing proposed significant changes in ongoing research projects are as follows:

Review and approval of significant changes are handled in the same manner as new protocols. See Paragraph III.D.6. above.

Examples of changes considered to be significant include, but are not limited to, changes:

- a. in the objectives of a study
- b. from non-survival to survival surgery
- c. resulting in greater discomfort or in a greater degree of invasiveness
- d. in the species or in approximate number of animals used<sup>1</sup>
- e. in Principal Investigator
- f. in anesthetic agent(s) or the use or withholding of analgesics
- g. in the method of euthanasia
- h. in the duration, frequency, or number of procedures performed on an animal

<sup>1</sup>Changes of less than 10% in the approximate number of animals used of mice of the genus *Mus* and rats of the genus *Rattus* that are bred for use in research only may, at the IACUC's discretion, be considered minor (not significant).

- 8) Notify investigators and the Institution in writing of its decision to approve or withhold approval of those activities related to the care and use of animals, or of modifications required to secure IACUC approval according to PHS Policy IV.C.4. The IACUC procedures to notify investigators and the Institution of its decisions regarding protocol review are as follows:

Following the IACUC meeting, the IACUC Coordinator prepares a protocol review form to distribute the results of the FCR regarding each protocol. This document is signed by the IACUC Chairperson and sent to the PI and the Vivarium by e-mail or letter. If a protocol is not approved, the protocol review form will indicate what is needed for approval and the PI may submit a revised protocol for review. Most of the time the DMR can review the revised protocol which expedites it but sometimes FCR is required.

- 9) Conduct continuing review of each previously approved, ongoing activity covered by PHS Policy at appropriate intervals as determined by the IACUC, including a

complete review at least once every 3 years according to PHS Policy IV.C.1.-5. The IACUC procedures for conducting continuing reviews are as follows:

All ongoing activities are monitored continuously by the animal care and use staff. The IACUC reviews the active protocol list each time they meet and work to ensure annual protocol reviews are completed timely. This includes protocols for USDA covered species. Annual protocol reviews are recorded in the IACUC meeting minutes. The IACUC meeting minutes are reviewed and approved by the IACUC and are available to the I.O.

Protocols are approved for a maximum of 36 months. That is, all protocols expire no later than the three-year anniversary of the initial IACUC review. If activities will continue beyond the expiration date, a new protocol must be submitted, reviewed, and approved [prior to expiration of the original or preceding protocol] as described in Paragraph III.D.6 above.

- 10) Be authorized to suspend an activity involving animals according to PHS Policy IV.C.6. The IACUC procedures for suspending an ongoing activity are as follows:

The IACUC may suspend an activity that it previously approved if it determines that the activity is not being conducted in accordance with applicable provisions of the Animal Welfare Act, the *Guide*, the institution's Assurance, or IV.C.1.a.-g of the PHS Policy. The IACUC may suspend an activity only after review of the matter at a convened meeting of a quorum of the IACUC and with the suspension vote of a majority of the quorum present. If the IACUC suspends an activity involving animals, or any other institutional intervention results in the temporary or permanent suspension of an activity due to noncompliance with the Policy, Animal Welfare Act, the *Guide*, or the institution's Assurance, the Institutional Official in consultation with the IACUC shall review the reasons for suspension, take appropriate corrective action, and report that action with a full explanation to AAALAC, International and OLAW.

- E. The risk-based occupational health and safety program for personnel working in laboratory animal facilities and personnel who have frequent contact with animals is as follows:

The Director of the Office of Environmental Health & Safety (EHS) is responsible for the overall management of the Occupational Health and Safety Program. The program covers all personnel involved in animal care and use and is based on hazard identification and risk assessment.

Personnel will have a physical examination and a medical work history before starting work. Current immunization against tetanus will be required. Rabies, hepatitis B, and other immunizations will be conducted prior to introduction of those pathogens into the

facility. Nonhuman primates, dogs, cats, or sheep are not housed in the program. Appropriate health tests will be conducted if these or other species are introduced.

Personal protective equipment (PPE) is available and worn only in the facility, not outside. Personnel are informed of the necessity to report bites, injuries, and unusual personal illness to their supervisor. PPE is provided along with training in recognition of hazards and risks.

Personnel are also informed about precautions to be taken for protection against allergies and other health risks present in laboratory animal facilities.

A pregnant worker declaration policy is in place with oversight provided by EHS. Persons with decreased immunocompetence or illnesses are alerted to hazards and risks associated with working with the animal species used.

Hazardous agents are handled in accordance with prudent practices with oversight provided by EHS. Guidance is provided in handling, storage, and disposal of hazardous materials (chemical, biological, and radiological).

Sentinel animals are examined as needed at the University of Missouri Veterinary Diagnostic facility.

An Occupational Health Program Awareness Brochure is provided to personnel who may occasionally enter the Vivarium including electricians; plumbers; carpenters; painters; heating, ventilation, and air conditioning personnel; engineers; students; and visitors.

WSU currently does not have protocols involving nonhuman primates.

- F. The total gross number of square feet in each animal facility (including each satellite facility), the species of animals housed there and the average daily inventory of animals, by species, in each facility is provided in the attached Facility and Species Inventory table.
- G. The training or instruction available to scientists, animal technicians, and other personnel involved in animal care, treatment, or use is as follows:

IACUC Training - Each IACUC member will be provided with a copy of the following:

- *Animal Welfare Assurance* for Wichita State University
- *AVMA Guidelines on Euthanasia*
- *Institutional Animal Care and Use Committee Guidebook* by OLAW
- *Guide for the Care and Use of Laboratory Animals* by National Research Council
- *Public Health Service Policy for the Humane Care and Use of Laboratory Animals*

All members of the IACUC will complete the Essentials for IACUC Members Curriculum located at the American Association for Laboratory Animal Science website, [www.aalaslearninglibrary.org](http://www.aalaslearninglibrary.org) or the Collaborative Institutional Training Initiative website, [www.citiprogram.org](http://www.citiprogram.org).

IACUC members are recommended to visit the OLAW website semi-annually, complete the IACUC tutorial module (initial visit), and familiarize themselves with other pertinent modules and information, e.g., OLAW FAQs, Policies and Laws, Guidance, Educational and other Resources.

Note: Attendance at an IACUC 101, IACUC 102, IACUC Advanced, PRIM&R/ARENA IACUC meeting, or similar course may be substituted for any required IACUC training session.

Animal Care and Use Personnel – The training or instruction available to scientists, animal technicians, and other personnel involved in animal care, treatment, or use is as follows: All personnel performing procedures using animals must be identified in the Institutional Animal Care and Use Protocol. A description of each individual's qualifications, experience and/or training with the specific animal species, model and procedures must be provided for IACUC review. Any person needing additional protocol-specific training will be identified during the review process and such required training will be a condition of approval of the protocol.

All persons involved in animal care and use will be required to attend an orientation given by the IACUC Chair, Attending Veterinarian, or other qualified individual(s), which covers the laws and regulations covering laboratory animal care and use with an emphasis on the contents of the NRC *Guide* and the 3R's. The training includes training or instruction on research or testing methods that minimize the numbers of animals required to obtain valid results and limit animal pain or distress as well as other requirements delineated in 9 CFR, Part 2, Subpart C, Section 2.32(c). Specifically, training and instruction of personnel must include guidance in at least the following areas:

1. Humane methods of animal maintenance and experimentation, including:
  - a. The basic needs of each species of animal.
  - b. Proper handling and care for the various species of animals used by the facility.
  - c. Proper pre-procedural and post-procedural care of animals.
  - d. Aseptic surgical methods and procedures.
2. The concept, availability, and use of research or testing methods that limit the use of animals or minimize animal distress.
3. Proper use of anesthetics, analgesics, and tranquilizers for any species of animals used by the facility.

4. Methods whereby deficiencies in animal care and treatment are reported, including deficiencies in animal care and treatment reported by any employee of the facility. No facility employee, IACUC member, or laboratory personnel shall be discriminated against or be subject to any reprisal for reporting violations of any regulation or standards under the Act.
5. Utilization of services (e.g., National Agricultural Library, National Library of Medicine) available to provide information:
  - a. On appropriate methods of animal care and use
  - b. On alternatives to the use of live animals in research
  - c. That could prevent unintended and unnecessary duplication of research involving animals
  - d. Regarding the intent and requirements of the Animal Welfare Act and USDA-APHIS Regulations

On-line training may be used and accepted in lieu of in-house training. Any use of on-line training to fulfill training requirements must be approved by the IACUC. Approval and completion of on-line training will be documented.

Specialized Training: Training in experimental methods, i.e., specific animal manipulations and techniques and in the care of new and nontraditional laboratory animal species, will be conducted based on the types of research being conducted and the species being used at the institution.

Note: For investigators transferring from other facilities at which they have received similar training, verification of previous training may be accepted in lieu of some Institutional required training. Acceptance of previous training in lieu of the Institution's training is solely at the IACUC's discretion.

#### **IV. Institutional Program Evaluation and Accreditation**

All of this Institution's programs and facilities (including satellite facilities) for activities involving animals have been evaluated by the IACUC within the past 6 months and will be reevaluated by the IACUC at least once every 6 months according to PHS Policy IV.B.1.-2. Reports have been and will continue to be prepared according to PHS Policy IV.B.3. All IACUC semiannual reports will include a description of the nature and extent of this Institution's adherence to the PHS Policy and the *Guide*. Any departures from the *Guide* will be identified specifically and reasons for each departure will be stated. Reports will distinguish significant deficiencies from minor deficiencies. Where program or facility deficiencies are noted, reports will contain a reasonable and specific plan and schedule for correcting each deficiency. Semiannual reports of the IACUC's evaluations will be submitted to the Institutional Official. Semiannual reports of IACUC evaluations will be maintained by this Institution and made available to the OLAW upon request.

This Institution is Category 1 — accredited by the [Association for Assessment and Accreditation of Laboratory Animal Care International \(AAALAC\)](#) . As noted above, reports of the IACUC's semiannual evaluations (program reviews and facility inspections) will be made available upon request.

## V. Recordkeeping Requirements

- A. This Institution will maintain for at least 3 years:
  - 1. A copy of this Assurance and any modifications made to it, as approved by the PHS
  - 2. Minutes of IACUC meetings, including records of attendance, activities of the committee, and committee deliberations
  - 3. Records of applications, proposals, and proposed significant changes in the care and use of animals and whether IACUC approval was granted or withheld
  - 4. Records of semiannual IACUC reports and recommendations (including minority views) as forwarded to the Institutional Official, Dr. John Tomblin.
  - 5. Records of accrediting body determinations
- B. This Institution will maintain records that relate directly to applications, proposals, and proposed changes in ongoing activities reviewed and approved by the IACUC for the duration of the activity and for an additional 3 years after completion of the activity.
- C. All records shall be accessible for inspection and copying by authorized OLAW or other PHS representatives at reasonable times and in a reasonable manner.

## VI. Reporting Requirements

- A. The Institutional reporting period is the calendar year (January 1 – December 31). The IACUC, through the Institutional Official, will submit an annual report to OLAW by January 31 of each year. The annual report will include:
  - 1. Any change in the accreditation status of the Institution (e.g., if the Institution obtains accreditation by AAALAC or AAALAC accreditation is revoked)
  - 2. Any change in the description of the Institution's program for animal care and use as described in this Assurance
  - 3. Any change in the IACUC membership
  - 4. Notification of the dates that the IACUC conducted its semiannual evaluations of the Institution's program and facilities (including satellite facilities) and submitted the evaluations to the Institutional Official, Dr. John Tomblin.
  - 5. Any minority views filed by members of the IACUC
- B. The IACUC, through the Institutional Official, will promptly provide OLAW with a full explanation of the circumstances and actions taken with respect to:
  - 1. Any serious or continuing noncompliance with the PHS Policy
  - 2. Any serious deviations from the provisions of the *Guide*
  - 3. Any suspension of an activity by the IACUC

C. Reports filed under VI.A. and VI.B. above should include any minority views filed by members of the IACUC.

**VII. Institutional Endorsement and PHS Approval**

**A. Authorized Institutional Official**

Name: Dr. John Tomblin

Title: Interim VP for Research and Technology Transfer

Name of Institution: Wichita State University

Address: *(street, city, state, country, postal code)*  
1845 Fairmount Street  
Wichita, KS 67260-0007

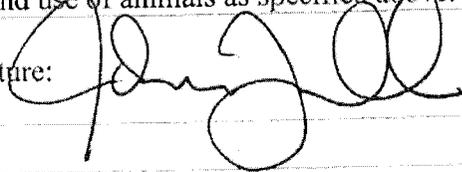
Phone: (316) 978-5234

Fax: (316) 978-3175

E-mail: john.tomblin@wichita.edu

Acting officially in an authorized capacity on behalf of this Institution and with an understanding of the Institution's responsibilities under this Assurance, I assure the humane care and use of animals as specified above.

Signature:



Date: 1-9-14

**B. PHS Approving Official *(to be completed by OLAW)***

Name/Title: Brent C. Morse  
Office of Laboratory Animal Welfare (OLAW)  
National Institutes of Health  
6705 Rockledge Drive  
RKL1, Suite 360, MSC 7982  
Bethesda, MD USA 20892-7982 (FedEx Zip Code 20817)  
Phone: +1 (301) 496-7163  
Fax: +1 (301) 480-3418

Signature:



Date: 2/3/14

Assurance Number:

A3824-01

Effective Date:

2/3/2014

Expiration Date:

2/28/2018

### VIII. Membership of the IACUC

See Attachment A.

### IX. Other Key Contacts (optional)

If there are other individuals within the Institution who may be contacted regarding this Assurance, please provide information below.

<b>Contact #1</b>	
Name: Dr. Glendon Miller	
Title: IACUC Chairperson and Environmental Health and Safety Director	
Phone: (316) 978-3347	E-mail: glendon.miller@wichita.edu
<b>Contact #2</b>	
Name: William Hendry	
Title: Vivarium Director, Chair of Biological Sciences, and Professor	
Phone: (316) 978-6086	E-mail: william.hendry@wichita.edu

### X. Facility and Species Inventory

See Attachment B.

## Attachment A - Membership of the IACUC

Date: September 2013			
Name of Institution: Wichita State University			
Assurance Number: A3824-01			
<b>IACUC Chairperson</b>			
Name* : Glendon R. Miller			
Title* : IACUC Chair, EHS Director		Degree/Credentials* : PhD, CHMM-Master	
Address* : ( <i>street, city, state, zip code</i> ) 1845 Fairmount Street Wichita, KS 67260-0063			
E-mail* : glendon.miller@wichita.edu			
Phone* : (316) 978-3347		Fax* : (316) 978-3062	
<b>IACUC Roster</b>			
Name of Member/ Code**	Degree/ Credentials	Position Title***	PHS Policy Membership Requirements****
M1. Glendon Miller	PhD	EHS Director, IACUC Chair	Scientist
M2. Betty Elder	PhD	Assoc Prof, School of Nursing	Scientist
M3. William Hendry	PhD	Vivarium Dir, Biological Sciences Chair, Professor	Scientist
M4. Jeffrey May	PhD	Research Associate Professor	Scientist
M5. Karen Thompson	DVM	Veterinarian	Veterinarian
M6. Denee' Clifford	BS	Grant Development Spec., IACUC Coordinator	Nonscientist
M7. Sandra Wilson	DVM	Associate Veterinarian (Zoo)	Nonaffiliated
M8. Paul Wooley	PhD	Research Dir @ Orthopedic Research Inst., WSU Prof.	Scientist
A1. Kay Boyd	MS	Grant Development Specialist	Alternate for M6
A2. Amy Ekerberg	DVM	Business Owner/Veterinarian	Alternate for M5
A3. Sarah Haug	BBA	Grant Funding Specialist	Alternate for M6
A4. Barbara Hoppins	MSE	Veterinary Hospital Specialist	Alternate for M7
A5. Katie Williams	Med	IRB/IACUC Administrator	Alternate for M6
A6. Sarah Catlin	BS	Animal Care Technician	Non-Voting Member

## Attachment B - Facility and Species Inventory

Date: September 2013			
Name of Institution: Wichita State University			
Assurance Number: A3924-01			
Laboratory, Unit, or Building*	Gross Square Feet [ <i>include service areas</i> ]	Species Housed [ <i>use common names, e.g., mouse, rat, rhesus, baboon, zebrafish, African clawed frog</i> ]	Approximate Average Daily Inventory
Animal Care Facility ACF #501	100'	None – Micro CT	0
ACF #502	130'	Rat	50
ACF #503	130'	Hamster	0
ACF #504	242'	None – Clean Room	0
ACF #504a	58'	None – Hallway	0
ACF #504b	63'	None – Hallway	0
ACF #504c	96'	None – Restroom	0
ACF #504d	122'	None – Hallway	0
ACF #504e	99'	None – Hallway	0
ACF #505	23'	None – Hallway	0
ACF #506	202'	Rabbit	0
ACF #507	208'	Mouse	100
ACF #508	86'	None – Storage	0
ACF #509	142'	None – Surgery Room	0
ACF #510	126'	None – Dirty Room	0
ACF #544	100'	None – Bedding Storage	0

\*Institutions may identify animal areas (buildings/rooms) by a number or symbol in this submission to OLAW. However, the name and location must be provided to OLAW upon request.



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF HEALTH

FOR US POSTAL SERVICE DELIVERY:

Office of Laboratory Animal Welfare  
Division of Assurances  
6705 Rockledge Drive  
RKL1, Suite 360, MSC 7982  
Bethesda, Maryland 20892-7982

FOR EXPRESS MAIL:

Office of Laboratory Animal Welfare  
Division of Assurances  
6705 Rockledge Drive, Suite 360  
Bethesda, Maryland 20817  
Telephone: (301) 496-7163  
Fax: (301) 451-5672

October 29, 2013

Re: Receipt of Domestic Assurance Renewal  
for #A3824-01-Wichita State University

Dr. John Tomblin  
Interim VP for Research and Technology Transfer  
Wichita State University  
1845 Fairmount Street  
Wichita, Kansas 67260

Dear Dr. Tomblin:

This notice is to acknowledge that the Division of Assurances, Office of Laboratory Animal Welfare (OLAW), has received your Domestic Assurance renewal.

Dr. Brent Morse, Animal Welfare Program Specialist for the Division of Assurances, will be reviewing your Domestic Assurance renewal. If you have questions regarding the status of your Assurance, please feel free to contact Dr. Morse at [morseb@mail.nih.gov](mailto:morseb@mail.nih.gov)

If there are delays in the review process, please be assured that your current Assurance will remain in effect during the review period.

Sincerely,

/s/

Susann M. Machado  
Program Analyst  
Division of Assurances, OLAW