



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

**MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on January 16, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road. Members present included

represented the Division of Laboratory Animal Medicine (DLAM). Office of Animal Care and Use (OACU) staff members present were represented the Department of Environment Health and Safety.

Open Session Minutes January 16, 2009

1. **News and updates**— introduced a new primary IACUC member from the

asked that any IACUC members who are listed as PIs on protocols being presented at the IACUC meeting step out of the room during the protocol discussion. advised the Committee that the IACUC member could be invited back into the room if the Committee has any questions that the individual could answer, but that IACUC members should leave the IACUC meeting for the discussion and vote of their protocols.

advised the Committee that she provided an orientation session for a new potential non-affiliated Committee member. This individual questioned what his legal protection would be if the IACUC was sued by an activist group. was able to determine after discussion with the legal department that non-affiliated Community members would receive the same legal protection as UNC employees. asked the Committee to email her if they wanted a written copy of the policy.

2. **Open and closed minutes** of the December 12, 2008, IACUC meeting approved with correction of a small typo.
3. **Acknowledgement** of electronic mail request to committee members prior to meeting requesting call for full review of applications, annual renewals; personnel additions; title and funding changes; and amendments to applications approved by designated review since the last IACUC meeting. Logs distributed at the meeting for review.
4. **IACUC member training**— demonstrated to the Committee an electronic version of the packets that they received for the January meeting. The electronic version of the agenda was a bookmarked PDF file of all items being discussed at the meeting. advised the Committee that OACU would like to begin offering the option to Committee members of an electronic agenda to reduce the cost of packet preparation and to conserve paper. advised the Committee that there were a limited number of laptops available for Committee members to use at the meeting and that if Committee members wished to bring their own laptops that flash drives would be available to upload the agenda onto their individual laptops. asked the Committee to let her know if they had any interest or any comments. requested that a hard copy of the protocol be provided to the primary reviewer of each protocol to save Committee members the expense of printing protocols.

highlighted a letter from the NIH regarding recent activity by the Animal Liberation Brigade. Additionally, highlighted recent local media attention regarding the Farm. advised the Committee that there was a meeting held at EHS that was open to the public to discuss the Farm and that protestors and police were present at the meeting. also advised the Committee that there has been increased activity from a local animal rights activist. This individual attended a lecture at UNC by from the organization called Speaking of Research. After the lecture, this individual met with and was provided with a tour of the animal facilities. She has since continued to email on a frequent basis. Her latest request for information involved requests for USDA inspection reports, annual reports to USDA, and our annual census for USDA covered and non-covered species

Program Review

5. **DLAM SOP Revisions-** The Committee received 2 DLAM SOPs for review. The SOPs involved the care of cats and pigs. asked the Committee to review the SOPs and send any comments to The SOPs, and any revisions, will be discussed at the February 2009 IACUC meeting. provided minor grammatical changes to both policies. Specifically, for both the cat and the pig SOPs, requested that the sentence under “Daily Animal Care” be changed to indicate that animals “must be observed daily for signs of potential illness.” For the cat SOP, under the heading entitled, “Biweekly”, requested that the first bullet be changed to read, “It is best to remove animals from the enclosure either by placing animal(s) in an empty enclosure or in a transport cage.” Lastly, in the cat SOP, requested that the sentence under the heading entitled, “Weekly Animal Care” be changed to read, “Supply clean and sanitized feed and water bowls to animals weekly.”
6. **IACUC SOP Revisions-** presented updates to the policy entitled, “Guidelines for Satellite Animal Facilities.” also advised the Committee that contacted her and advised her that PIs are interpreting the tumor policy differently regarding ulceration of tumors than what was intended by the Committee. indicated that the tumor policy would be revisited at the February 2009 IACUC meeting to address this concern.

At 12:23 pm the Chair moved that the IACUC go into closed session to prevent disclosure of privileged information under Chapters 126 and 143-318.10 of the North Carolina General Statutes. The Committee seconded and approved this motion.



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**SUMMARY OF THE CLOSED MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on January 16, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road.

1. The Committee was provided with a written report from a PI that the Committee requested as a stipulation for approval of an exception request.
2. The Committee discussed approval of a housing exception.
3. The Committee was updated on the status of husbandry personnel having sufficient access to isolation rooms at an animal facility.
4. The Committee was updated on the timeframe for occupancy of a new building on campus.
5. The Committee was updated on the status of weekly animal deliveries for a specific UNC project.
6. The Committee discussed guidelines for the use of animals in open laboratory spaces in a new building scheduled to open at UNC.
7. The Committee was updated on the health status of an animal discussed at a previous IACUC meeting.
8. The Committee was advised of a national study to examine the IACUC protocol review process. Administration is considering whether UNC should participate in the study.
9. The Committee provided guidance on a concern involving a satellite facility area.
10. The Committee was advised of the need for a PI to expand his/her satellite facility.
11. The Committee discussed 2 amendments.
12. The Committee discussed 6 exception requests. 2 additional exception requests were discussed as part of new application review.
13. The Committee discussed 4 satellite facility requests as part of new application review.
14. The Committee discussed 6 pain category E studies as part of new application review .

15. The Committee discussed a revised protocol for which approval was previously withheld.
16. The Committee reviewed 30 new and continuation protocols.



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**MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on February 13, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road. Members present included

represented the Division of Laboratory Animal Medicine (DLAM). Office of Animal Care and Use (OACU) staff members present were represented the Department of Environment Health and Safety.

Open Session Minutes February 13, 2009

1. **News and updates**— introduced a new alternate reminded IACUC members to respond to email that she sends to Committee members each month asking them to RSVP for the IACUC meeting. indicated that uses these RSVPs to determine the number of lunches to order. advised the Committee that lunch would not be provided to Committee members attending the IACUC meeting who failed to RSVP.
2. **Open and closed minutes** of the January 16, 2009, IACUC meeting approved as submitted.
3. **Acknowledgement** of electronic mail request to committee members prior to meeting requesting call for full review of applications, annual renewals; personnel additions; title and funding changes; and amendments to applications approved by designated review since the last IACUC meeting. Logs distributed at the meeting for review.
4. **IACUC member training**— highlighted an article from the February 2009 issue of Lab Animal magazine entitled, "Reportability of Protocol Suspensions." reminded the Committee of the USDA and OLAW reporting requirements. Specifically, OLAW requires that the IACUC report protocol non-compliance. The USDA requires the IACUC to report the formal suspension of animal activity (by a vote of the quorum of the IACUC at a fully convened meeting) and failure to meet the date of correction for significant deficiencies.

Program Review

5. **Monthly DLAM Update**- advised the Committee that 5 candidates have been interviewed for the new senior clinical veterinary position. advised the Committee that the individuals who conducted the interviews will be meeting next week to discuss each candidate and make a decision on which candidate to whom they would like to offer the position.
6. **DLAM SOP Revisions**- advised the Committee that the Cat Care and Pig Care SOPs have been revised to include all changes requested by the Committee. advised the Committee that the SOP for the February IACUC meeting was the Care of Guinea Pigs SOP. The Committee did not recommend any changes to the SOP.
7. **IACUC SOP Revisions**- introduced the changes that she had made to the policy entitled, "IACUC Guidelines for Maximum Tumor Bearing in Laboratory Rodents." indicated that the

tumor policy was not being interpreted by the PIs in the manner in which the IACUC intended. made the policy more specific to avoid misinterpretation of the policy. requested that make changes to the 1st paragraph of the policy to indicate that not all ulcerated or necrotic tumors require euthanasia and to correct the numbering of the policy.

introduced two policies entitled, “Standard Operation Procedure for Animal PET Imaging Studies on non-UNC Animals at BRIC-Small Animal Imaging Facility” and “Standard Operating Procedure: Animal Use in Human Patient Care Areas.” requested that DLAM and EHS, as well as the other Committee members review the use of patient care area policy and provide her with feedback. indicated that she would review the policy to ensure that it was consistent with EHS policies. The Committee determined that no changes were necessary for the imaging study policy.

At 1:23 pm the Chair moved that the IACUC go into closed session to prevent disclosure of privileged information under Chapters 126 and 143-318.10 of the North Carolina General Statutes. The Committee seconded and approved this motion.



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**SUMMARY OF THE CLOSED MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on February 13, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road.

1. The Committee was informed of a delay in the occupancy of a new building on campus and how this delay is affecting several researchers at UNC.
2. The Committee was informed of several animal injuries that occurred as a result of animals fighting. A purchase order has been submitted to purchase new fencing to eliminate the possibility of additional animal injuries.
3. The Committee approved a new satellite facility in concept.
4. The Committee was updated on a previous concern involving a satellite facility area.
5. The Committee was updated on the status of a satellite facility expansion.
6. The Committee was advised that all items had been resolved clearing the way for approval of a satellite facility.
7. The Committee was advised that all items had been resolved clearing the way for approval of a housing exception request.
8. The Committee was updated on the status of an inspection for a new laboratory.
9. The Committee provided guidance on the process for notification and review of animal work being subcontracted to other institutions.
10. The Committee discussed 1 amendment.
11. The Committee discussed 2 exception requests. 3 additional exception requests were discussed as part of new application review.
12. The Committee discussed 4 satellite facility requests as part of new application review.
13. The Committee discussed 3 pain Category E studies as part of new application review.
14. The Committee reviewed 30 new and continuation protocols.



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**MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on March 13, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road. Members present include

represented the Division of Laboratory Animal Medicine (DLAM). Office of Animal Care and Use (OACU) staff members present were represented the Department of Environment Health and Safety.

Open Session Minutes March 13, 2009

1. **News and updates**— advised the Committee that UNC-CH has chosen to participate in a study to evaluate how IACUC's from high caliber institutions review protocols. The study will require review of UNC protocols by the PI of the study, as well as interviews with OACU staff and the IACUC Chair. asked the Committee members to participate if they could. advised the Committee that participation in the study was not mandatory, but it would be appreciated if IACUC members would participate in the study. A copy of the letter explaining the details of the study was provided to the IACUC for their review.
2. **Open and closed minutes** of the February 13, 2009, IACUC meeting approved as submitted.
3. **Acknowledgement** of electronic mail request to committee members prior to meeting requesting call for full review of applications, annual renewals; personnel additions; title and funding changes; and amendments to applications approved by designated review since the last IACUC meeting. Logs distributed at the meeting for review.
4. **IACUC member training** — advised the Committee of NIH funding opportunities that may affect protocol review. Specifically, additional funding opportunities are being made available to researchers from the NIH in response to the Federal Stimulus Package. Researchers receiving notification from the NIH that their grant has been selected for an award are being given an average of 3 to 5 days to provide evidence of IACUC approval. indicated that she doesn't know how many UNC researchers this additional funding will affect but she wanted IACUC members to be open to the option of having two IACUC meetings in the months in which these grant applications will be funded. advised the Committee that it would be possible to split up the time commitment for the meetings by having IACUC members attend just one of the meetings each month. advised the Committee that OACU has sent information to the UNC PIs asking them to submit new protocols only if necessary, and to submit title/funding changes or amendments if it makes more sense to do so. Information regarding the funding stimulus opportunities was provided to the IACUC members for their review.

advised the Committee of additional guidance provided to assured institutions regarding the designated member review of protocols subsequent to full Committee review. OLAW has provided guidance on conducting Designated Member Review (DMR) review of a protocol subsequent to Full Committee Review (FCR) and has provided several options on how to bring this type of review into compliance with OLAW guidance. A copy of the OLAW guidance was provided to the IACUC members for their review. The UNC IACUC determined that the option that would work best for the current review method for the UNC IACUC was the following: Revisions requested by the Committee for approval of a

protocol after being reviewed by the full Committee can be reviewed by designated member review if “all IACUC members agree in advance in writing that the quorum of members present at a convened meeting decide by unanimous vote to use DMR subsequent to FCR when modification is needed to secure approval.” Additionally, “the institution must specify its intention to conduct reviews in this manner in its Assurance with OLAW.” In order to bring UNC-CH IACUC into compliance with this new guidance,

advised the IACUC that a notice will be distributed at semiannual meetings and for new members during their orientation advising them of the procedure and asking them to sign the notice affirming their consent. In order to bring the UNC IACUC into immediate compliance, this statement will be emailed to IACUC members. IACUC members should respond to email with their assent.

updated the Committee on the status of approval of the UNC-CH Assurance with OLAW. advised the Committee that OLAW requested her to make minor changes to the Assurance but that once these changes have been made, the Assurance should be approved. One of the changes to the Assurance statement was to allow provision of DMR review of time-sensitive applications. reminded the Committee that as designated reviewers, they should not feel pressured to approve a protocol that they would not normally approve because of funding issues.

Program Review

5. **Monthly DLAM Update-** advised the Committee that he will be presenting data at a conference on behalf of AAALAC regarding the most prevalent deficiencies found by AAALAC from 2003 to 2008. advised the Committee that he could present the data in an abbreviated format to the IACUC.

advised the Committee of the sudden death of an animal at FOBRL. A second animal in an adjacent pen became ill and was euthanized on March 12th. Both animals were necropsied and found to have blood in all their joints. indicated that he is not sure if the deaths have a genetic component or are related to toxicity issues. indicated that he is still awaiting test results for bacteriology and heavy metal levels to help determine the cause of death. The animals are experiencing rare neurological hemorrhagic symptoms that may need to be reported to the State Veterinarian and indicated that he would call the State Veterinarian if one more animal became sick. examined all the animals today to ensure the remaining animals are healthy. Later, during the IACUC meeting, received the results on the heavy metal levels for the animals that died. The tests indicated that these levels were within normal ranges.

updated the Committee on the DLAM master plan. indicated that it was determined that should remain a mouse facility that it may need to be revamped to include additional biocontainment facilities. indicated that there was currently no solution for in that all options would require a large amount of capital. indicated that there may be no way to correct and that we need to have an emergency plan in place in case fails.

and advised the Committee that in some instances, rodents are being fed on the floor of their cages. They advised the Committee that this practice is not done as routine husbandry and that it is only done in cases in where animals cannot reach their food. advised the Committee that he mentioned this practice for the minutes because it was an exception to the Guide. reminded the Committee to be aware of this practice so that should they receive any protocols in which animals may be neurologically impaired that we ensure that the PI includes this practice in their protocol.

6. **IACUC Discussion of David H. Murdoc Research Institute-** updated the Committee on the status of the David H. Murdoc Research Institute (DHMRI) in Kannapolis. advised that it may be some time before they get their Assurance approved and their IACUC established. A UNC PI wants to begin their animal work at the DHMRI and his graduate student called OACU wanting the UNC IACUC to approve their animal work at the DHMRI. advised the Committee that IACUC approval would need to be handled by the DHMRI. If the UNC IACUC cannot approve animal studies at the DHMRI, the PI will harvest cells at UNC and transport the cells to the DHMRI. The PI has concerns that the experiments will not work as well with cells being transported instead of being immediately processed. indicated that the UNC IACUC needs to determine what their obligations are going to be until the

DHMRI is up and running to help UNC faculty members. recommended the DHMRI developing an MOU with UNC-Charlotte for the animals to be housed there or to create a satellite facility at DHMRI that would require UNC to be responsible for the animals in that facility, including semiannual site visits. The Committee had questions about how many faculty this could affect. indicated that there could be problems with having UNC be responsible for a satellite facility since there could be issues with tenants from other institutions using the UNC satellite facility, some of which could be requesting to perform BSL-3 studies. has been working with EHS issues for the facility and wanted the Committee to have a clear understanding of the types of studies for which the UNC IACUC may be responsible. The IACUC could not determine a resolution because it was unclear how many animals and researchers would be involved. UNC may be more willing to be responsible for an individual lab instead of being responsible for a satellite facility involving multiple PIs from multiple institutions. It was determined that we should inquire about the status of the MOU in place between DHMRI and UNC-Charlotte. If the status of this MOU is not very far along, the UNC IACUC may have to struggle with this issue in the future.

7. **IACUC Discussion of Occupational Health Issues in Genetics-** reminded the Committee of the concerns previously raised by the Committee regarding the open laboratory space in this building and the potential exposure of individuals to animal allergens, chemicals, isotopes, etc. requested that summarize the Committee concerns to him, have the IACUC determine whether these are legitimate concerns, and if so, to endorse solutions to him to resolve the concerns. The Committee indicated that they can advise on whether an issue exists but that Administration would have to determine how to resolve the issue. The Committee determined that the potential exposure to individuals is an issue but they cannot yet determine the extent of the issue since they don't have a clear understanding of the number of laboratories involved and the procedures that are being performed in the building. Additionally, it isn't clear whether some of the PIs using the same space have coordinated amongst themselves to reduce exposure to their employees. Without this information, the Committee would be unable to determine the potential exposure levels. The Committee determined that all departments using the building should be asked to provide a list of PIs using the building and a description of the procedures each PI is performing. Once this information has been obtained, the IACUC will have more information to advise
8. **DLAM SOP Revisions-** advised the Committee that the DLAM SOP for the March IACUC meeting was entitled, "Care of the Hamster." The Committee did not recommend any changes to the SOP.
9. **IACUC SOP Revisions-** introduced changes that she had made to the policy entitled, "Acceptable Methods of Rodent Blood Withdrawal." requested Committee guidance on whether the IACUC wished to require the use of lancets instead of needles for submandibular bleeds and require the use of lancets and needles instead of blades for tail nicks. The discussion arose because indicated that the Training and Compliance team had seen problems in some of the animals who have been donated for training purposes. The Committee determined that these were problems with technique and not necessarily because of the use of blades. The Committee requested that the Training and Compliance team contact laboratories who donated animals if they observe problems in those animals. introduced a new policy entitled, "Guidelines for an Animal Housing Exception." The purpose of the policy was to clarify when a satellite facility request and an animal housing exception were required. requested that the PI's requesting a satellite facility or animal housing exception be asked to provide periodic HVAC data because the University is looking into saving money by reducing the number of air changes in buildings. wanted to ensure that the number of air changes is not reduced in areas in which animals will be housed.

At 1:11 pm the Chair moved that the IACUC go into closed session to prevent disclosure of privileged information under Chapters 126 and 143-318.10 of the North Carolina General Statutes. The Committee seconded and approved this motion.



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**SUMMARY OF THE CLOSED MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on March 13, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road.

1. The Committee discussed 3 animal concern reports.
2. The Committee was updated on a previous concern involving a satellite facility area.
3. The Committee provided additional guidance on the notification and review of animal work being subcontracted to other institutions. Additionally, the Committee discussed a specific subcontract to determine if there was sufficient scientific justification for performing the animal work at another institution.
4. The Committee discussed 1 amendment.
5. The Committee discussed 2 exception requests. 2 additional exceptions requests were discussed as part of new application review.
6. The Committee discussed 2 satellite facility requests as part of new application review.
7. The Committee reviewed 33 new and continuation protocols.



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**MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on April 17, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road. Members present include _____ represented the Division of Laboratory Animal Medicine (DLAM). Office of Animal Care and Use (OACU) staff members present were _____ represented the Department of Environment Health and Safety.

Open Session Minutes April 17, 2009

1. **News and updates**— _____ advised the Committee that the renewal of the Animal Welfare Assurance statement has now been approved by OLAW. The approval period for the Animal Welfare Assurance statement is for five years.

_____ reminded the Committee to respond to _____ via email if they hadn't already done so affirming their consent to the use of the Designated Member Reviewer method for review of protocol revisions.

_____ advised the Committee of a recent informational memo that was sent to the UNC animal research community regarding the addition of time limited/rotating students to IACUC protocols. _____ indicated that a new role has been added to ACAP for time limited/rotating students and PIs were advised in the informational memo to indicate that role for individuals being added to the protocol. Additionally, the PI should follow up with an email to OACU alerting OACU staff to the submission of the amendment. These amendments will be processed on a priority basis and OACU will not hold up approval of the amendment if there are other individuals on the protocol who need to update or complete training requirements. However, the individual being added to the protocol must be current on all training requirements before the amendment can be approved. _____ indicated that she hoped that this new procedure would minimize the delay in approval for these individuals.

Because there were members in attendance at the IACUC meeting who had not been present at recent meetings, _____ reminded the Committee members that that they should leave the room during discussion of protocols for which they are PIs.

2. **Open and closed minutes** of the March 13, 2009, IACUC meeting approved as submitted.
3. **Acknowledgement** of electronic mail request to committee members prior to meeting requesting call for full review of applications, annual renewals; personnel additions; title and funding changes; and amendments to applications approved by designated review since the last IACUC meeting. Logs distributed at the meeting for review.
4. **IACUC member training** — _____ was scheduled to present a PowerPoint presentation on the most prevalent deficiencies found by AAALAC from 2003 to 2008. This training topic was postponed because of the length of time it took to discuss additional agenda items. This training topic will be rescheduled for a future IACUC meeting.

Program Review

5. **Monthly DLAM Update-** updated the Committee on the DLAM master plan. indicated that he had recently met with and an architect to discuss the possible options for updating and repairing animal housing space. The specific concerns are with the aging of the facility and whether it will continue to be suitable for animal housing space and the move of large animal housing space to The move of large animals to will affect the space available for rodent housing, including much needed space for quarantine of animals. indicated that it was a possibility that would not be available for animal housing in the future, but that there was currently no solution in place to make up for the lost animal housing space in indicated that different options were discussed but most of them were impractical in that they didn't solve the problem, were too expensive, or would take too much time to implement. indicated that the option currently under review involves allocating another floor in to DLAM for rodent housing and moving large animal housing to the bottom floor of indicated that the architect was currently looking into the feasibility of that option and that they would meet again once there was new information to discuss. also indicated that they have developed an emergency plan to deal with any possible issues that could arise at because of the age of the building. indicated that he would present the emergency plan at the May IACUC meeting.
6. **DLAM SOP Revisions-** advised the Committee that the DLAM SOP for the April IACUC meeting was entitled, "Care of Mice". The Committee did not recommend any changes to the SOP.
7. **IACUC SOP Revisions-** discussed changes made to the policy entitled, "IACUC Rat and Mouse Euthanasia Policy." Changes to this policy were necessary because there were concerns about the use of hypothermia as an anesthetic for fetuses. indicated that the DLAM veterinary staff had discussed the issue extensively and came to the unanimous decision that hypothermia should not be performed. indicated that the AVMA panel doesn't give clear guidance on the efficacy of using hypothermia. asked for guidance on handling protocols that are currently approved that describe the use of hypothermia in euthanasia. The Committee determined that those protocols did not need to be re-reviewed but that all new protocols requesting the use of hypothermia would need to provide scientific justification for its use. indicated that the veterinary staff was not stating that hypothermia could not be used, but they would not recommend it as a method of anesthesia and wished for the institution to move away from that practice. The Committee determined that no additional changes needed to be made to the revised SOP and agreed with the veterinary assessment.

introduced revisions to an existing policy entitled, "UNC-CH Policy on Housing and Breeding Mice." The purpose of the revisions to the policy was to clarify the procedures for handling overcrowded mouse cages. The IACUC approved the policy but requested that the cage density requirements be simplified. Specifically, the policy indicated a different cage density requirement for two different sizes of the Tecniplast ventilated cages. Instead, the Committee requested that the green line cage density be applied to all Tecniplast ventilated cages.

introduced revisions to an existing policy entitled, "UNC-CH Policy on Housing and Breeding Rats." The purpose of the revisions to the policy was to clarify the procedures for handling overcrowded rat cages. The IACUC approved the policy with no changes.

At 12:15 pm the Chair moved that the IACUC go into closed session to prevent disclosure of privileged information under Chapters 126 and 143-318.10 of the North Carolina General Statutes. The Committee seconded and approved this motion. The IACUC went into open session again at 1:45 pm. At 1:52 pm, the Chair moved that the IACUC go into closed session again. The Committee seconded and approved this motion.



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**SUMMARY OF THE CLOSED MEETING MINUTES
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INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on April 17, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road.

1. The Committee was reminded that April 18-26, 2009 was World Week for Animals in Laboratories and that there may be protestors on campus.
2. The Committee discussed 2 animal concern reports.
3. The Committee discussed a memo that will be sent to PIs requesting housing exceptions to ensure that the approval process for housing exceptions is clearly outlined.
4. The Committee approved a new satellite facility in concept.
5. The Committee discussed 2 amendments.
6. The Committee discussed 3 exception requests. 3 additional exception requests were discussed as part of new application review.
7. The Committee discussed 2 satellite facility requests as part of new application review.
8. The Committee discussed 2 pain Category E studies as part of new application review.
9. The Committee discussed a revised protocol for which approval was previously withheld.
10. The Committee reviewed 28 new and continuation protocols.



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**MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on May 8, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road. Members present include

represented the Division of Laboratory Animal Medicine (DLAM). Office of Animal Care and Use (OACU) staff members present were represented the Department of Environment Health and Safety.

Open Session Minutes May 8, 2009

1. **News and updates**— advised the Committee that OACU has been forced to go to electronic review for the IACUC meeting agenda because of state funds being frozen. There are currently no funds available for copying all of the items on the meeting agenda for the IACUC members. reminded the Committee that would be providing ACAP training at today's meeting. reminded the Committee that OACU had a limited number of laptops available for IACUC members' use and advised them that when we contacted them monthly to inquire about their attendance at IACUC meetings that they should let us know if they would be bringing their own personal laptops or would require the use of an OACU laptop.
2. **Open and closed minutes** of the April 17, 2009, IACUC meeting approved as submitted.
3. **Acknowledgement** of electronic mail request to committee members prior to meeting requesting call for full review of applications, annual renewals; personnel additions; title and funding changes; and amendments to applications approved by designated review since the last IACUC meeting. Logs distributed at the meeting for review.
4. **IACUC member training** — presented a demonstration of the ACAP software for the Committee to educate them on how to access the protocols they have been assigned for review. advised the Committee that should they need personalized training that they were willing to come to the IACUC members' offices to assist them.

Program Review

5. **Monthly DLAM Update-** updated the Committee on the status of sick animals at FOBRL. This item was previously discussed at the March 13, 2009 IACUC meeting. advised the Committee that two of the six animals who were sick survived their illness and the DLAM veterinary staff were able to obtain blood cultures from these animals. The blood cultures revealed that the animals had a hemolytic Pasteurella organism that could have caused their illness. indicated that the two animals who survived are stable and have recovered from their illness. also advised the Committee that DLAM staff working with this species of animals have been advised to stay home if they have signs of influenza since it could possibly be transmitted to the animals.

updated the Committee on the emergency plan for put in place to ensure DLAM can continue to care for animals in this facility and for DLAM to continue to provide services to PIs if this

building is no longer available for use. indicated that implementation of the emergency plan would be contingent on the animal facility being open in the building.

indicated that non human primates and cats would be moved to the Mice would be moved to the building. The swine in would not be able to be maintained. Quarantine of animals would have to be performed for a fee by an outside institution such as Charles River laboratories. Necropsy would be moved to or the depending on the species needing to be examined. The diagnostic laboratory would also move to the building. Surgeries would have to be conducted in or and would result in some PIs being displaced.

reiterated the master plan for the animal facilities and reminded the Committee that will either be remodeled or leveled and rebuilt, but that in either case, DLAM cannot rely on being available for use. reminded the Committee that Administration is currently looking into the possibility of remodeling one of the upper floors in for rodent space, biocontainment, and quarantine. This plan would allow for housing of large animals on the bottom floor of

6. **DLAM SOP Revisions-** advised the Committee that the DLAM SOP for the May IACUC meeting was entitled, "Care of Rabbit". The Committee did not recommend any changes to the SOP.
7. **IACUC SOP Revisions-** discussed changes made to the current policy entitled, "Aseptic Technique in Multiple-Run Rodent Surgeries." advised the Committee that the original SOP and the new proposed SOP were provided to them electronically as part of the PDF meeting agenda document. asked the Committee to determine whether this policy should be a guideline or an SOP. also advised the Committee that a small change had been made to the proposed policy that they received. This change was the addition of the need to flush the surgical site with sterile water before and after the use of chlorhexidine. Additionally, discussed the informational letter that is currently sent to PIs outlining how they will be evaluated during procedural inspections. ndicated that this letter currently goes to the PI, the Laboratory Coordinator, their Official Contact and

advised the Committee that the new proposed policy was based on the aseptic techniques that the Training and Compliance team has been teaching in class and on a video distributed by the NIH that is also shown in class. advised the Committee that she had concerns when performing procedural inspections because some PIs don't provide enough information in their protocol to determine whether proper aseptic technique is being followed. Alternatively, some PIs provide detailed descriptions of their aseptic technique which are not in compliance with current policy. indicated that it would be helpful to review protocols with the policy to ensure that the necessary information regarding aseptic technique is included in the IACUC protocol. also indicated that she has been reviewing the surgical sections of each protocol prior to the IACUC meeting to ensure that sufficient information has been provided.

advised the Committee that the purpose of the proposed policy is to provide guidance to the Training and Compliance team on IACUC expectations for aseptic surgery so that they can train the UNC animal research community appropriately. indicated that this policy should provide effective guidance to the Training and Compliance team while not being onerous for the PIs to comply.

There was much discussion about the policy and the Committee indicated that should the SOP become a guideline that all references to "must" should be changed to "should" or "may". indicated that the SOP should be revised further to provide guidance to the PIs on what the IACUC considers good sterile technique. The Committee determined that the policy should specify the minimum standards that everyone is required to meet for aseptic surgery and then provide guidelines on best practices. (i.e., the policy should indicate the items that everyone "must" do and provide guidance on items that they "may" wish to consider or "should" perform). The Committee determined that they would review the guidelines and provide their comments to the Training and Compliance team so that the policy could be presented again in a revised form to the IACUC for review. Additionally, the Committee determined that it would be helpful to revise the protocol to include more questions regarding aseptic technique and sterile preparation. The responses to these questions would then be evaluated at procedural inspections to ensure that the PI is complying with

the protocol. indicated that the new version of ACAP will allow greater flexibility in amending the protocol form.

At 1:03 pm the Chair moved that the IACUC go into closed session to prevent disclosure of privileged information under Chapters 126 and 143-318.10 of the North Carolina General Statutes. The Committee seconded and approved this motion. The IACUC went into open session again at 1:45 pm. At 1:52 pm, the Chair moved that the IACUC go into closed session again. The Committee seconded and approved this motion.



THE UNIVERSITY
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at CHAPEL HILL

The Institutional Animal Care and Use Committee
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**SUMMARY OF THE CLOSED MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on May 8, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road.

1. The Committee was updated on the status of completion of corrective action for 2 previous animal concern reports discussed at other IACUC meetings. Additionally, the Committee discussed a new animal care concern.
2. The Committee approved a new satellite facility in concept.
3. The Committee discussed 2 exception requests. 2 additional exception requests were discussed as part of new application review.
4. The Committee discussed 2 satellite facility requests as part of new application review.
5. The Committee discussed 2 pain Category E studies as part of new application review.



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**MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on June 12, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road. Members present are indicated in the closed minutes.

Open Session Minutes June 12, 2009

1. **News and updates**— discussed the Program Review meeting held on June 5, 2009. advised the Committee that the meeting went very smoothly and there was a robust discussion of the animal care program. indicated the Committee members are waiting on the details of the DLAM master plan and the opening of the building animal facility to determine how the lack of available animal facility space continues to affect the program.

advised the Committee that is retiring and everyone is invited to her retirement party. will forward the email invitation to for her to forward to all Committee members. indicated that everyone was welcome but that the individuals attending needed to RSVP so that they could ensure sufficient food for everyone.
2. **Open and closed minutes** of the May 8, 2009, IACUC meeting approved as submitted.
3. **Acknowledgement** of electronic mail request to committee members prior to meeting requesting call for full review of applications, annual renewals; personnel additions; title and funding changes; and amendments to applications approved by designated review since the last IACUC meeting. Logs distributed at the meeting for review.
4. **IACUC member training** — highlighted new information located on the ILAR website regarding a new publication issued by the National Research Council entitled, "Recognition and Alleviation of Pain in Laboratory Animals." asked the Committee to review the information on the website. asked the Committee to let know if they had any training topics they would like addressed. Additionally, since the June IACUC meeting was the first meeting for which all protocols were reviewed electronically, asked the Committee to let her know if they had any questions, comments or complaints about the electronic review process.

Program Review

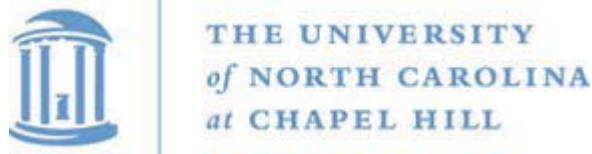
5. **Monthly DLAM Update-** advised the Committee that he did not have any new DLAM news to report since the program review last week. asked about an email that was forwarded to her the evening of June 11, 2009 regarding a FOIA request. wasn't able to elaborate on the request because he had not yet received the email.
6. **DLAM SOP Revisions-** advised the Committee that the DLAM SOP for the June IACUC meeting was entitled, "Care of Sheep". The Committee did not recommend any changes to the SOP.
7. **IACUC SOP Revisions-** advised the Committee that there were two SOPs that were on the agenda to be discussed at today's meeting. The SOPs were entitled, "Aseptic Technique for Multiple Rodent Survival Surgeries" and "Guidelines for an Animal Housing Exception". advised the Committee that discussion of these SOPs would have to be deferred to the August IACUC meeting. wanted to

be present at today's meeting to provide her comments but she was unable to attend. asked the Committee to review the SOPs and contact with any questions or changes to the SOPs.

brought the Committee's attention to an SOP entitled, "IACUC Guidelines for Maximum Tumor Bearing in Laboratory Rodents." thought that the SOP needed further clarification in light of several exceptions that were on the agenda for IACUC review at today's meeting. outlined her changes to the policy. The Committee did not provide any additional comments.

brought the Committee's attention to a request from Duke requesting to use the for an animal study. indicated that she felt that Duke had provided all necessary information and that it was being provided for informational purposes only.

At 12:15 pm the Chair moved that the IACUC go into closed session to prevent disclosure of privileged information under Chapters 126 and 143-318.10 of the North Carolina General Statutes. The Committee seconded and approved this motion. The IACUC went into open session again at 1:45 pm. At 1:52 pm, the Chair moved that the IACUC go into closed session again. The Committee seconded and approved this motion.



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**SUMMARY OF THE CLOSED MEETING MINUTES
OF THE UNC-CH
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE**

The Institutional Animal Care and Use Committee (IACUC) met on June 12, 2009 at 12:00 noon. The meeting took place in the EPA building on Mason Farm Road.

1. The Committee discussed 1 animal concern report.
2. The Committee discussed the topic of euthanasia in animal housing rooms.
3. The Committee discussed a housing exception request.
4. The Committee discussed 2 amendments.
5. The Committee discussed 8 exception requests. 4 additional exception requests were discussed as part of new application review.
6. The Committee discussed 2 satellite facility requests as part of new application review.
7. The Committee discussed 2 pain Category E studies as part of new application review.
8. The Committee reviewed 30 new and continuation protocols.