By Jessica Durkin
UCUCA Office

It is true, the UCUCA Office has been using eSirius for over one year. We are proud of our web-based animal use application program, even though we have found several bugs along the way and learned to have a lot of patience.

The University of Michigan was only the second institution to go “live” with the eSirius web-based application system. When it was first purchased, it was still in the developmental stages. This meant that we were able to have a significant role in the final product and in the direction that the program would be headed. eSirius is constantly changing and being updated. Many new changes are expected in upcoming releases for the program. Some of these changes will not be seen by the research community but will make our lives in the UCUCA Office much easier. Others will be tweaks and updates that should make the protocol submission and review process run smoother.

One of the new changes to look forward to is the ability to include a “primary contact” on each protocol. Along with the investigator, this person will be copied on all emails from the program related to this protocol. This is a much-anticipated update for those laboratories with a laboratory manager or primary administrator. We expect to receive this update in 2007. Another feature includes an automated reminder email if the protocol under review is waiting on a Home Page for a response. This means that if an investigator forgets that there are questions that need his/her response, an automatic email will be sent on a regular basis as a reminder, likewise for Committee reviewers.

It is our hope that any new updates will transition smoothly with little or no interruptions in the review process. We are excited and looking forward to the changes. The UCUCA Office thanks you for your patience and support as we continue to improve and develop this program.

Inside This SPECTACULAR Issue...

The Backbone is a quarterly publication of the University Committee on Use and Care of Animals (UCUCA)
**FREQUENTLY ASKED QUESTIONS (FAQS) ABOUT ESIRIUS**

These FAQs also appear on our website, [http://www.ucuca.umich.edu](http://www.ucuca.umich.edu)

**WHAT IS ESIRIUS?**
eSirius is a web-based system for managing the submission, review, and approval of applications for the use of vertebrate animals at the University of Michigan. In the future, it will also encompass animal requisitions, invoicing, and census management.

**HOW DO I GET ACCESS TO ESIRIUS?**
Principal Investigators must complete the eSirius Access Request Form and return it to the UCUCA Office. You can download a PDF copy of the form from the UCUCA website ([http://www.ucuca.umich.edu/formapp.htm](http://www.ucuca.umich.edu/formapp.htm)), although the form must be submitted on paper since original signatures are required.

**WHO WILL BE ABLE TO USE ESIRIUS?**
The program is for Principal Investigators and members of their staff who submit and edit protocols. If you (the PI) would like a lab member to access the system to fill out protocols on your behalf, they will need to be included on the eSirius Access Request Form as well.

**WHO DO I CALL FOR PROBLEMS OR QUESTIONS ABOUT ESIRIUS?**
If you have questions about eSirius or if there is a problem with the program while you are entering information, please contact the UCUCA Office at 763-8028 or email ucuca.office@umich.edu. Please include the name of any error message that appears. Please remember, this is a new program and there may be problems. Without your help, we cannot fix them.

**WHAT CAN BE SUBMITTED THROUGH ESIRIUS AND WHEN?**
New and renewal animal use applications must be submitted through eSirius, as well as amendments to those applications approved in eSirius. All protocols that were approved in the paper format (Form 8225) will continue to have amendments submitted via memo format until the protocol is renewed in eSirius.

**WILL I BE ABLE TO SUBMIT PROTOCOLS USING THE PAPER FORM 8225?**
No; all new and renewal applications will be accepted only through eSirius. Amendments to those protocols already approved in paper form will remain in paper form until the protocol expires, unless the UCUCA Office staff converts the protocol into the electronic format. You will be notified if and when this happens.

**HOW DO I KNOW I SUBMITTED THE PROTOCOL PROPERLY ON ESIRIUS?**
With every part of the process, an email is sent to you from the eSirius program. Once the protocol is submitted, the Alert on your eSirius home page will change from Unfinished to Alert-New Protocol. You can also check your eSirius home page to see if the protocol is at the UCUCA Office, if it is undergoing review by the UCUCA Committee reviewers, or if the protocol is awaiting your response to Committee questions.

**HOW DO I KEEP TRACK OF THE PROGRESS OF MY NEWLY SUBMITTED PROTOCOL?**
Protocols will remain on your eSirius home page until the protocol has been approved. You will see the progress of your protocol through the Work Flow Status, which will tell you if the protocol is at the UCUCA Office, if it is undergoing review by the UCUCA Committee reviewers, or if the protocol is awaiting your response to Committee questions.
CONFUSED ABOUT ESIRIUS?
SOME TIPS TO HELP YOU OUT

By Julie Giordano
UCUCA Office

REQUEST ACCESS NOW! You can use eSirius to monitor and renew your animal use application. To access the eSirius program, you must submit an eSirius Access Form. This form can be found on the UCUCA website at http://www.ucuca.umich.edu (click the “Forms” tab, then the “Application/eSirius” link).

USE YOUR KERBEROS PASSWORD TO ACCESS THE PROGRAM! The use of your U of M Kerberos password is now required to access the eSirius program. If you do not know your password, go to https://accounts.www.umich.edu/hint-bin/retrieve.

RESET YOUR PASSWORD! When you log into eSirius for the first time, please reset your password with the link on the left side of the eSirius homepage.

START EARLY! The review period is currently four to six weeks for new or renewal applications, so please allow ample time for the completion, review, and approval of your new or full review renewal application. If you have access to the system, you will be notified that your protocol needs to be renewed 120 days before expiration. If you plan on continuing work under your protocol, it must be renewed before it expires.

READ THE PI USER MANUAL! You will find helpful step-by-step instructions for using the new program, as well as time-saving tips and contact information.

CLICK ON ALL HIGHLIGHTED ITEMS ON ALL PAGES (SURGERIES, ANESTHETICS, ETC.)! These highlighted items are links to pages within the application with more questions that must be answered, especially if the information has been transferred from a renewal protocol.

ONLY ANSWER THE QUESTIONS ASKED! Our new protocol form is more extensive than our previous Form 8225. We will ask all those questions you are dying to answer and more, and give you a chance to tie it all together in our Animal Use Procedure Description question in section 11.E.14 of your application.

REMEMBER TO SAVE AND CONTINUE! This function saves your work and allows you to move to different areas of the protocol.

USE THE VIEW/PRINT PROTOCOL OPTION! This feature allows you to view, print and save the most current version of your protocol at any time without interrupting your work in eSirius. There are three ways to View/Print your protocol:

1. Click “Protocol Search” on your eSirius homepage. Select a protocol, click on the highlighted protocol number, and follow the directions.
2. While you are working on an unfinished protocol you can View/Print by clicking on the “View/Print Protocol” link (option 15) in the table of contents of your in-progress protocol and follow the directions.
3. When working on a new protocol, you can View/Print by clicking on your highlighted protocol number on the Submit page of your protocol under review, then follow the directions.

Continued on page 10...
PROTOCOL UPDATES: WHAT MAY SEEM MINOR IS VERY IMPORTANT

By Steve Durkee
UCUCA Office

A well-seasoned principal investigator (PI) readily reviews his/her animal use protocols to determine if updates or changes to existing procedures need to occur. Knowing these changes need to be approved by the UCUCA prior to being performed, they plan ahead and submit a modification for the new procedures. Important changes in an animal use application that need to be identified and modified include: adding/deleting laboratory personnel, changes in animal housing and use rooms, and laboratory moves to new buildings. The arrival and departure of personnel in a laboratory where animals are used should prompt notification of the UCUCA office of these changes just as additions or changes in animal procedures would be amended.

New animal use personnel need to be identified to the UCUCA for a variety of reasons, including enrollment in OSEH’s “Animal Handler’s Medical Surveillance” program, attendance at UCUCA training classes, and for gaining access to the animal facilities. Every individual that is working with animals and listed on the protocol should be given, or have access to, a current copy of every approved animal use protocol in which they are listed and performing procedures. It is important for them to know what animal procedures they and the laboratory are approved to perform in their study. A method to provide approved protocol changes to staff should also be in place for each laboratory. Likewise, when personnel leave the laboratory or are no longer involved in performing animal procedures, they should be deleted from the protocol, have their animal facility access rescinded, and be removed from the medical surveillance program to enhance cost efficiency, maintain accurate records, and enhance security of the facilities.

Changes in animal use and housing locations should also be updated to the UCUCA. Any relocation of a PI’s laboratory and staff, animals, animal use areas, and surgical locations is required. Laws regulating the use of animals require review of these areas to insure they are appropriate for the animals or for animal use.

To modify applications that are approved with the paper Form 8225, an email or memo can be sent to the UCUCA Office (ucuca.office@umich.edu). Please include the individual’s name, University address, email address (or UM unique name), phone number, and the UCUCA approval number(s) for which the change is being made. For animal use or housing locations, specify the new location and the types of procedures that will be performed there (i.e., housing only, surgery, etc.).

For applications approved in the electronic format (eSirius), personnel and animal housing and use locations can be added or removed by “Submitting an Amendment to an Existing Protocol” in the eSirius program. Selection of the appropriate pages to modify (i.e., Page 12 Personnel, Page 11.E.6 Housing, or Page 11.E.7 Use locations) will solicit more information.

Identifying any changes to the UCUCA assures accurate records (important for inspections), protection for people, appropriate training in an efficient and timely manner, proper identification of all animal use/housing areas, and security of the animal facilities. In the long run, this means the University will be in compliance with regulations and our animals will receive the most humane treatment while they are here.

If you have questions or concerns regarding this, or any other issue related to animal use at the University, please contact the UCUCA Office at 763-8028 or ucuca.office@umich.edu.
HOW DO I DO THAT?
AMENDING A PROTOCOL

By Astrid Haakonstad
UCUCA Office

Here in the UCUCA Office, we have a mystery that seems to stump many investigators and laboratory personnel. This conundrum is not about what is the meaning of life, the universe, and everything; rather, it involves how you go about modifying an animal use application.

The solution is not as complicated as it seems. There are two ways to do it, and which method you choose is dependent on what format your protocol is in. If your protocol is still on paper (Form 8225), a memo is submitted to the UCUCA Office. If your protocol is in eSirius, an amendment is submitted in eSirius. That’s the Golden Rule of Protocol Modification: Paper for Paper; eSirius for eSirius. Remember that and you’ll be just fine.

PAPER MODIFICATIONS

If your protocol was approved on paper, type up a memo (an email or a Word document is fine) that describes, in detail, the proposed amendment. You can send it to us via email (ucuca.office@umich.edu), fax (936-3234), campus mail (mail to 018 ARF 0614), or drop it off in person to our office at 971 300 NIB.

E Sirius MODIFICATIONS

If your protocol was approved online in eSirius, you need to submit your amendment online. Login to your eSirius homepage and click the “Submit An Amendment To An Existing Protocol” link at the bottom of the page. Select the protocol you want to amend.

The “Submit An Amendment To An Approved Protocol” screen will contain a list of all the main sections in your protocol. Select the sections you wish to amend. Later on in the amendment process eSirius will automatically pull up the appropriate sub-sections, screens, and questions that need to be completed with detailed information. In the text box at the bottom of the page, fill in a short description of the reason or justification for your amendment. Click “Continue Amendment Process.”

Click on the link for each page in the list that appears on the “Update Amendment Sections” screen. Answer all the applicable fields and questions in the pages that appear for each section, clicking “Save and Continue” after each page. Once you have completed the entire list of pages to amend, click “Continue Amendment Process.”

The next screen is the “Principal Investigator’s Assurance” page. Enter your eSirius password and click “Complete Amendment Process.” Click “Submit for Review” on the next page, and you’re done! (NOTE: If laboratory personnel submit an amendment, it will be submitted to their PI’s homepage for final approval. The PI must then log into eSirius and submit the amendment to the UCUCA Office).

If you have any problems or questions about the amendment process, please call the UCUCA Office (763-8028) or email ucuca.office@umich.edu for help.
ESIRIUS TIPS AND TRICKS

COMPLETING ANIMAL USE APPLICATIONS
By Jessica Durkin, UCUCA Office

The UCUCA’s new online animal use application system (eSirius) can seem a bit arduous when compared to the old paper application (Form 8225), thanks to the addition of several new questions. However, there is good reason for having the new questions: with eSirius, all of the protocol details are captured in separate pages with headings such as: 11.E.8. Procedures, 11.E.9. Surgeries, 11.E.11. Anesthetics and Analgesics, and 11.E.13. Euthanasia Methods. The benefits of this change in format become evident in the Procedure Description page (11.E.14). The procedure description can be written in narrative format, listing the procedure(s) being conducted on the animals without having to provide extra details (i.e., how the animal is prepped for surgery, the volume of blood collected, or the amount of each injection). In theory, the procedure description can read more like a story, with many of the details supplied in other sections.

While completing the online application, it is important to not repeat the detailed information throughout the application. Although tempting, the more places information is repeated, the more places it will have to be changed if there are recommendations or suggestions from the UCUCA Committee. For example, if you are injecting an anesthetic agent, the dose should only be listed on the Anesthetics and Analgesics page (11.E.11) where it is required. It should not be listed on the Procedure List page (11.E.8.), the Surgery page (11.E.9.), or the Procedure Description page (11.E.14). Doing so can lead to inconsistencies within the application, which means a longer review process with more rounds of Committee questions.

http://www.ucuca.umich.edu/backbone.htm

SPECIES USAGE REGISTER
By Steve Durkee, UCUCA Office

An issue that is pervasive among all animal users at the University of Michigan is how to determine the number of animals that are available on your approved animal use protocol.

1. To start, you must login to eSirius (if you do not have access, refer to page 3 of this issue).
2. From your home page, click “View Protocol Species Usage Register.”
3. Find your protocol. Enter the protocol number where it says, “Protocol Number,” making sure to type a zero before the 4-digit protocol number. If you do not know the protocol number, you can search for the protocol by the species, approval status, or all protocols for your laboratory.
4. After entering your search criteria, click the “Search” button. The species listed in the protocol, designated Use Categories, approved totals, and current balances will be listed.
5. To view a list of animals that were deducted, select the button next to the desired species/Use Category and click “View Register Detail for Selected Protocol.”

This process allows investigators or designated laboratory personnel to monitor animal balances and deductions made on a protocol.
AAALAC PREP 101:
A BRIEF HISTORY OF AAALAC

By Steve Durkee
UCUCA Office

For many of you, AAALAC sounds vaguely familiar. It was a topic discussed in your “Animal Care and Use Orientation” lecture, but you’re not sure you remember all of the details. For others, AAALAC means preparation of documents, answering questions, and preparation for another facility inspection. This article will provide a brief overview of AAALAC’s history and why you should become more familiar with the organization over the next year. AAALAC site visitors are due to arrive for a review of the University’s animal care and use program in the first quarter of 2008. This may seem like a long time away, but because of the amount of information that needs to be gathered to prepare for the visit, preparations are beginning now.

AAALAC, or the Association for the Assessment and Accreditation of Laboratory Animal Care International, has been in existence for many years. The current title represents the sixth title the organization has held, although the function and goals of AAALAC have changed little over the years.

AAALAC began as the “Committee on Ethical Considerations in the Care of Laboratory Animals” in 1959. In trying to address public concerns over the care of research animals, the Animal Care Panel (now known as the American Association of Laboratory Animal Science, or AALAS) formed a committee to investigate these concerns and provide an unbiased review of the issues. Since standards for the care and housing of research animals were limited, the committee changed their goals, and title to the “Professional Standards Committee,” with the goal of developing standards for the care and housing of research animals.

By 1960, the title had changed to the “Animal Facilities Certification Committee” with the added goal of developing an accreditation program. In developing animal care standards, Dr. Bennet J. Cohen, former Animal Care Director of Northwestern University and the University of Michigan, served as the principal investigator for the endeavor. This resulted in the publication of the Guide for Laboratory Facilities and Care, the forerunner of the Guide for the Care and Use of Laboratory Animals [Editor’s note: the original copy of this document resides at the University of Michigan], which was funded with grants from the NIH and other organizations.

In 1963 the organizational title changed again to the “Animal Facilities Accreditation Board,” with a goal of “defining conditions of animal care and use which promoted sound and proper animal research.” Advisory roles within the organization were created to inspect and accredit facilities and serve various capacities on the board. Expansion of the board in 1965 led to another title change, one that would stay with the organization for 31 years. The “American Association for Accreditation of Laboratory Animal Care” (AAALAC) was born.

...Continued on page 9

ANIMAL CONCERN
HOTLINE
(734) 763-8028

ANIMAL CONCERN
HOTLINE
(734) 763-8028
MEET KAREN ROGERS,  
DVM, DACLAM, ASST. PROFESSOR

By Linda Stegmeyer  
ULAM

They say that what goes around comes around; spinning wheels got to go round; and there’s always the “circle of life” as with the Lion King movie. Although having some resemblance to the animated movie, the path that Karen Rogers, DVM, has taken does seem to follow a circular path as she’s traveled from the Unit for Laboratory Animal Medicine (ULAM) and back again. Karen received her Doctor of Veterinary Medicine degree from The Ohio State University in 1992. She was a Postdoctoral Veterinary Fellow at the University of Michigan (ULAM) and Parke-Davis Pharmaceutical Research from 1995-1998. The experience and knowledge she gained from these vanguard medical institutions determined Karen’s professional life for the next eight years.

When asked what she felt were the highlights of her career so far, Karen was quick to relate experiences from two separate Pfizer Global Research and Development facilities. While at Pfizer, Ann Arbor, Karen helped establish a team for the evaluation and safe use of vehicles (chemicals used to dissolve a compound and place it in solution) in animals. What made this experience so rich was the great diversity of professionals she worked with to gather the information that was available on vehicles and create an electronic database to be used and accessed by personnel throughout the pharmaceutical company. This allowed investigators to determine whether a vehicle they were proposing to use for in vivo experiments was safe for administration to animals before having to conduct the experiment.

After four years of working in Ann Arbor and in an attempt to accommodate both their careers, Karen and her husband, Kevin, moved to Connecticut, far from family and friends. This allowed Karen to continue her career at yet another Pfizer facility. At the Pfizer facility in Groton, Connecticut, Karen led a team in the creation of surgically instrumented animal models which included primates and dogs with intestinal, biliary, and vascular access for sampling during the course of in vivo studies.

Ever since leaving Michigan, Karen has longed to return to the Midwest. When her husband was offered a position as Assistant Professor of Civil Engineering at Lawrence Technological University in Southfield, Michigan, Karen jumped at the opportunity to return to Michigan. Luckily, that is where things came full circle, because the University of Michigan was looking to fill a faculty position in ULAM. Karen and Kevin returned to Michigan in August of this year with two children, Rebecca and Tyler, and new hopes for their future in academia.

Unpacked boxes still crowd Karen’s office in ULAM, but they have no effect on her enthusiasm. She recounts with a smile the unexpected position she has found herself in since returning to ULAM: she is currently fulfilling two roles at the university, both her role as a clinical faculty member in ULAM, and as the Interim Manager of the UCUCA Office. In the five months she has served in that capacity, she has overseen the submission of annual reports to the USDA, OVPR, and AAALAC, performed a 6-month review of the animal care and use program, and interviewed candidates that are to replace her as the permanent UCUCA Manager. A learning experience that will no doubt strengthen her management skills, Karen is none the less looking forward to doing the work she returned to Michigan for: overseeing training of veterinary residents, helping develop their laboratory animal veterinary skills, and guiding them to work in collaborative relationships with PIs. The last item is especially important--and exciting--as Karen helps to shepherd her colleagues into the trend of collaboration occurring between the service orientation of laboratory animal medicine and the research and development orientation of PIs.
**RODENT SURVIVAL SURGERY**
**AND ANALGESIC USE**

By Dawn O’Connor

UCUCA Office

Many researchers are conducting survival surgery on rodents and should be aware of the *Guidelines for the Performance of Survival Surgery on Rodents*. These Guidelines are based on the Public Health Service Policy on the humane care and use of laboratory animals and the Animal Welfare Act. The Guidelines, established by ULAM, were written in 1991 and were recently revised. The UCUCA approved a new policy this past May, *Policy on Analgesic Use on Animals Undergoing Surgery*. This document clarifies which surgical procedures require the use of analgesics. Both of these documents can be found on the UCUCA website (www.ucuca.umich.edu). They are also available through the eSirius on-line animal use protocol in the Surgery page 11.E.9.A.

Twice a year the UCUCA Office staff conducts laboratory visits to discuss the performance of rodent survival surgery. The following are some parameters we will review and discuss while visiting your laboratory:

- **Facility**: Area in which surgery will be conducted
- **Technique**: Including preparation of the animal, surgeon, and area for a procedure, as well as instrument sterilization
- **Post-operative Care**: Frequency of monitoring during and following the surgery, post-operative complications, and the use of pre- and post-operative analgesics

The Guidelines were written in a broad sense and it is difficult to tailor a policy to fit the needs of every individual situation. There are many different types of rodent surgeries being conducted here at the University of Michigan and the Guidelines may need to be adapted for individual circumstances. Please review the *Guidelines for the Performance of Survival Surgery on Rodents* and *The Policy on Analgesic Use on Animals Undergoing Surgery* for further information concerning the performance of rodent surgery for your project.

If you have a question about either of these policies, please contact Dawn O’Connor at 936-9329 or oconnord@umich.edu.

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...AAALAC, continued from page 7

The last and final (for now) name change occurred in 1996, when AAALAC began inspecting and accrediting institutions outside of the United States. As most of you know them today, they are the “Association for the Assessment and Accreditation of Laboratory Animal Care International.” AAALAC continues to review and accredit institutions providing humane care to research animals. The animal facilities at the University of Michigan will be inspected by AAALAC in the first quarter of 2008. Prior to the visit, the UCUCA office will be involved in preparing the description of the University’s animal care and use program (a roughly 1000-page document). Your assistance in preparing this document may be sought in the form of providing information related to your animal work.

As always, please feel free to contact the UCUCA Office (763-8028, ucuca.office@umich.edu) with any questions you may have about AAALAC or the inspection process. Watch the Backbone for more articles on AAALAC! For more historical detail and information on AAALAC, visit their website: http://www.aaalac.org.
BONE FRAGMENTS

ANESTHESIA MACHINE CERTIFICATION SERVICE
By Steve Durkee
UCUCA Office

Attention: Users of Vaporizer Anesthesia Machines!

The ULAM veterinary staff has made arrangements for a vendor to visit the University and perform maintenance and repair services to assure your anesthesia machine is working properly. Costs vary, depending on the type of machine, replacement parts needed, and the specific type of service. In general, a routine leak/output test will have a base price starting at $85 (applicable for most rodent users). If the machine needs to be calibrated, it will be sent out. This will cost a minimum of $200. A loaner machine can be provided, base price starting at $290. Please contact Lori Roberts (615-8146, llrobert@umich.edu) for information on the exact date or with any questions on costs.

Happy New Year from The Backbone!

...eSirius Tips, continued from page 3

KEEP YOUR SPECIES SEPARATE! All species information will be added under the appropriate species, so do not mix species information.

TRY, TRY AGAIN! If you receive an error message, use your browser’s back arrow to try again, then contact the UCUCA Office at ucuca.office@umich.edu or at (734) 763-8028 for help with the problem.

FORGET YOUR PASSWORD? Contact the UCUCA Office for help.

USE THE VIEW PROTOCOL SPECIES USAGE REGISTER! You can view your current animal balances on all of your protocols using this report.

CAN’T FIND YOUR EXPIRATION DATE? USE ESIRIUS! Use the Protocol Search Report to find the status, title, and expiration dates of all your protocols.

PAPER FOR PAPER, ONLINE FOR ONLINE! For applications that were submitted and approved on paper, there will be no change to the modification process. Modifications for these applications will continue with the paper system (by submitting a memo on paper or by email). For applications started and approved in eSirius, modifications will be submitted through eSirius.

IF YOU ARE NOT SURE, CONTACT UCUCA WITH QUESTIONS! We are here to help you! Contact the UCUCA Office at (734) 763-8028 or ucuca.office@umich.edu if you have any questions regarding this new web-based system.
GOT FEEDBACK?

Do you have questions, comments, corrections, or suggestions about *The Backbone*? Is there a topic you would like to see covered in a future issue? We want to hear from you! Email us at ucuca.office@umich.edu or call (734) 763-8028 and tell us about it!

GET A BACKBONE!

Readers wishing to receive future issues of *The Backbone* can be included on the mailing list by completing and returning the request form on the back page of the newsletter. Additional copies of *The Backbone* are also available from the UCUCA office, or you can download an issue from the web: www.ucuca.umich.edu/backbone.

SNAIL MAIL

University of Michigan
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1301 Catherine St.
018 ARF
Ann Arbor, MI 48109-0614

HOW TO GET TO THE UCUCA OFFICE

The UCUCA Office has moved to the 300 North Ingalls Building on the 9th floor. The main office room number is 971 300 NIB, and the training room number for mouse and rat handling classes is 979 300 NIB.

You can get to 300 NIB by taking the pedestrian walkway from the Taubman Library (by Med Sci II) over Glen Ave. and going through the parking structure. Another short pedestrian walkway connects the parking structure to the building. Go to the lobby, go up to the 9th floor, turn left off the elevators, turn left again, go through the lounge area, turn right, and go to the first office on the right-hand side of the hallway (room 971). NOTE: Although our office location has changed, our campus mail address is still 018 ARF 0614, so please continue to mail correspondence to that address. Our phone number (763-8028), fax number (936-3234), and email address (ucuca.office@umich.edu) remain the same.

REMINDER: SPOT LABORATORY INSPECTIONS

In accordance with the Public Health Service (PHS) Policy and AAALAC recommendations, the UCUCA will soon be coming to visit your laboratory space. We will be looking at areas in the lab where animals are used, reviewing records (controlled substances, surgical record forms), and reviewing protocol procedures. We are also available at this time, and always, to answer any questions you may have regarding your protocol, regulations, training, etc. Please feel free to contact the UCUCA Office with questions (3-8028, ucuca.office@umich.edu, or our website: www.ucuca.umich.edu).
Please complete and return to the University Committee on Use and Care of Animals (UCUCA):
Name ______________________________ Department ______________________________
Telephone ______________________ Fax ______________________ Address ______________________
Principal Investigator ______________________
E-mail Address ______________________
Topics/areas of interest you would like to see explored in future issues: ______________________

University of Michigan
University Committee on Use and Care of Animals (UCUCA)
018 ARF 0614
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