**eSirius Update**

Cornell is implementing an integrated software program for managing its animal research facilities called **eSirius**. With Cornell’s rapidly growing animal research and teaching programs and facilities, the eSirius system is essential for ensuring Cornell’s compliance with the reporting requirements for AAALAC, USDA, OLAW, and NYSDOH. eSirius will result in a more efficient animal facility operation and will ensure continued accreditation of Cornell’s animal research facilities.

There are two main components of the system: **Protocol Management**, which will be administered by the IACUC, and **Animal Research Facility (ARF) Management**, which will be administered by facility managers. Following is an overview of each system.

**eSirius Protocol Management**

eSirius **Protocol Management** is replacing the existing MUMPS system, which Cornell will no longer support. Protocol Management is a web-based application that manages all IACUC workflow including the submission of new protocols, annual reviews, continuation reviews, amendments, and compliance data. eSirius Protocol Management streamlines the protocol review process for the principal investigator (PI).

This system was implemented in May 2005 and as of June 2005, 150 out of over 400 protocols have been successfully entered into eSirius. Costs associated with Protocol Management are paid for by the IACUC.

**eSirius ARF Management**

Over the next few years, Cornell will be implementing eSirius **ARF Management** applications for **Animal Procurement, Animal Census, Invoicing**, and **Financials and Cost Accounting**.

**Animal Procurement** will:
- manage the purchase and receipt of animals, the printing of cage cards, the vendor payments and the customer invoicing.
- allow the PI to submit a request for acquiring animals from commercial and non-commercial sources, monitor order placement and receipt, and access historical receipt information.
- Allow PI’s to easily track their animal use

Implementation will begin with a pilot test in one room of the Transgenic Core Mouse Facility in the fall of 2005. Campus-wide implementation is expected to occur throughout 2006.

**Animal Census** will:
- manage and track all activities related to animal census and track census through a bar-code system
- update the census upon receipt of animals
- track daily activities such transfers of animals between cages, which will provide accurate protocols, per diem and account information
• produce historical reports for transfer activities and generate customer invoicing
• increase census efficiency and accuracy by utilizing bar-coding
• track room capacity and available space
• collect and synchronize breeding information

A phased implementation of Animal Census is expected to occur during the 2006 fiscal year.

eSirius Invoicing and Financials and Cost Accounting are expected to be implemented in the 2007 fiscal year.
**eSirius FAQ’s**

Why do third year resubmissions and current approved protocols need to be back-loaded into the eSirius system?

Both Cornell and eSirius generate protocol numbers using the year the research is approved. Renewal numbers also include the base/initial year of approval. Because eSirius automatically generates a new number for each protocol, and the numbering system cannot be overridden, current protocols must be entered into the system to maintain the protocol numbering system. In addition, the current protocol needs to be in the system in order to send the PI alerts for resubmission. The IACUC utilizes data from these back-loaded protocols for regulatory reporting. If you have further questions on this issue, please contact the IACUC at 3-4378.

Can someone other than the PI enter the protocol into eSirius?

Yes. PI’s who have someone to enter protocol data can submit a personnel form for that individual to the IACUC. The IACUC will assign a sign-on and the individual will have access to the system. However, only the PI may submit the finished protocol for IACUC review. This means that the PI must sign in under his/her own ID and submit the finished protocol.