

# CAYUSE IACUC - IACUC RESEARCHER MANUAL

CAYUSE IACUC

## Table of Contents

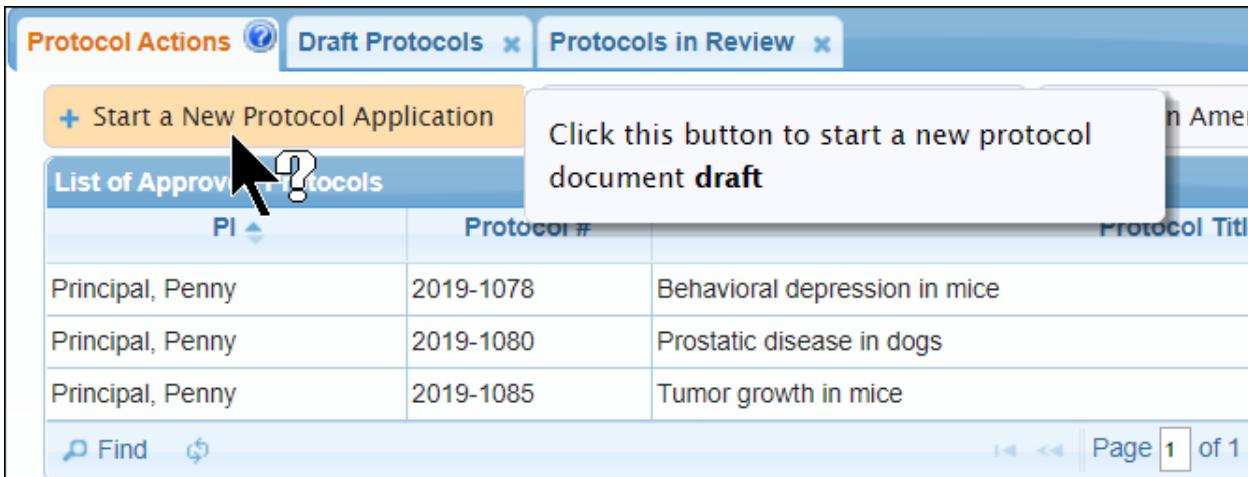
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## Starting your Protocol

Within IACUC, a new protocol can be started from the Protocol Actions inbox.

Mailbox		
IACUC		
Alert	Inbox	Total
Protocol Actions	0	3
Draft Protocols	1	1
Protocols in Review		

1. Beneath Protocol Actions, click **Start a New Protocol Application**.

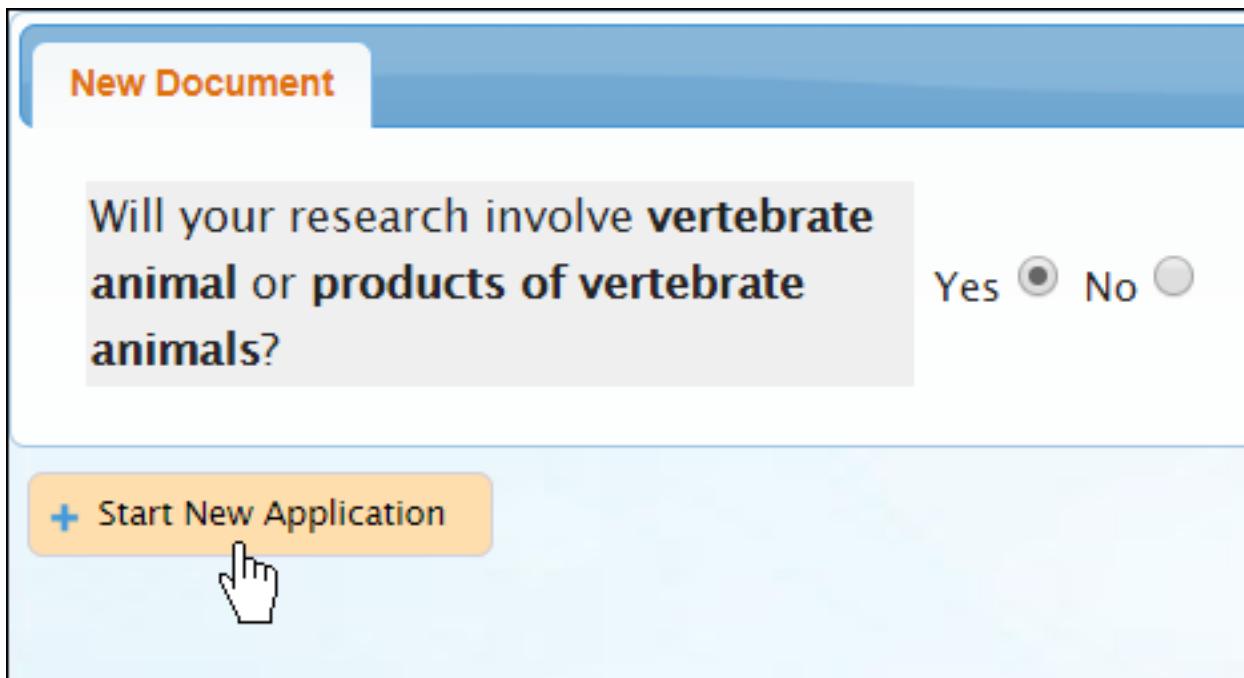


The screenshot shows the 'Protocol Actions' tab selected in the top navigation bar. Below it, there's a button labeled '+ Start a New Protocol Application'. A tooltip appears over this button, stating: 'Click this button to start a new protocol document draft'. The main table below lists three approved protocols, each with columns for PI, Protocol #, and Title. At the bottom left, there are 'Find' and 'Print' buttons, and at the bottom right, there's a page number indicator 'Page 1 of 1'.

PI	Protocol #	Protocol Title
Principal, Penny	2019-1078	Behavioral depression in mice
Principal, Penny	2019-1080	Prostatic disease in dogs
Principal, Penny	2019-1085	Tumor growth in mice

2. On the new page, click **Yes** next to **Will your research involve vertebrate animals or products of vertebrate animals?** Clicking **No** will take you back to the homepage.

3. Click **Start New Application**.



Protocol Introduction Options will generate. Cayuse IACUC will generate the protocol number automatically, which is available at the top left-hand side of the page.



**Please Note:** You can exit the protocol document at any time and continue working on it later by clicking **Home** in the top right-hand corner. The Protocol will be saved in the Draft Protocols tab.



## Completing Your Table of Contents Options

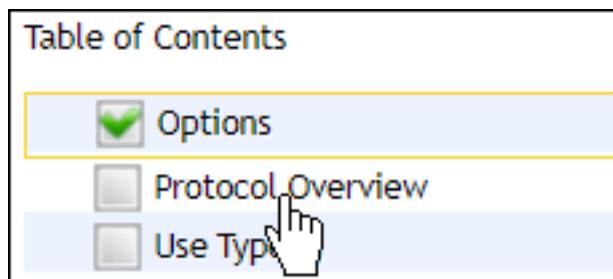
After you create your protocol, you will be directed to an Options page.

**Choose Options**

Federal/Foundation funded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Internally funded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Private/Commercially funded?	<input type="checkbox"/>		
Other funding source?	<input type="checkbox"/>		
Will you be using tissues from animals not on this protocol?	Yes <input type="radio"/>	No <input type="radio"/>	
Will you be using human tissues?	Yes <input type="radio"/>	No <input type="radio"/>	
Will antibodies be specifically generated for this study?	Yes <input type="radio"/>	No <input type="radio"/>	
Will you be collaborating with colleagues within institution?	Yes <input type="radio"/>	No <input type="radio"/>	
Will you be collaborating with an outside institution?	Yes <input type="radio"/>	No <input type="radio"/>	
Will any live animal research be conducted off campus?	Yes <input type="radio"/>	No <input type="radio"/>	
Will animals be housed outside central housing facilities for more than 12 hours?	<input checked="" type="checkbox"/>	Yes <input type="radio"/>	No <input type="radio"/>
Will animals be moved through public access areas?	Yes <input type="radio"/>	No <input type="radio"/>	
Will human clinical areas be used	Yes <input type="radio"/>	No <input type="radio"/>	

The Options section is the first section in the protocol's Table of Contents. When you click **Save**, the selections made in the Options page determine which sections are added to the Table of Contents.

You can navigate to any section by clicking on the section name within the Table of Contents.



A green check in the box next to a section means that all required fields within the section have been filled out. All sections must have a check mark before you can submit the protocol.

Table of Contents	
<input checked="" type="checkbox"/>	Options
<input type="checkbox"/>	Protocol Overview
<input type="checkbox"/>	Use Type(s)
<input type="checkbox"/>	Personnel
<input type="checkbox"/>	Databases Searched
<input type="checkbox"/>	Endpoints
	Submit Protocol
	Attachments
	Cancel Draft Protocol
	Preview Protocol

## Default Sections

The default sections within all protocols are as follows:

- Options
- Protocol Overview
- Use Type(s)
- Personnel
- Databases Searched
- Endpoints

## Filling Out Your Protocol

Once you've completed all of your options for your table of contents, you can begin filling out your protocol.

**Please note:** Many aspects of your protocol form are configurable by your institution. If you have an inquiry regarding the questions, contact the administrator at your institution.

The following sections explain the types of questions you may be asked within your protocol.

### Required Questions

Required questions have a red dotted border around them. These questions must be answered before you submit your protocol.

Enter title for this Protocol



If all required questions are answered within a section, agree checkmark will appear next to the section within the table of contents.



Protocol Overview

### Text Fields

Text fields are provided when you need to input a custom response.

Age Range of study animals



If the text field has a toolbox, then you will be able to input rich text, such as bolded or italicized text, custom alignment, or bullet points.

List clinical parameters that would lead to early euthanasia in any of the procedures described in this protocol



The toolbar includes icons for bold (B), italic (I), underline (U), font size (Font Family, Font Size), paragraph alignment (Paragraph), and other text styling options.

### Radio Buttons

Radio button questions appear when only one choice is allowed from a set of configured choices.

Will animals be Specific Pathogen Free?

Yes  No

### Check Boxes

Check box questions appear when you can choose more than one choice from a set of configured choices.

Non-Surgical Procedures		
	Procedure Code	Procedure Name
<input type="checkbox"/>	Addiction	Addiction Withdrawl
<input type="checkbox"/>	Anesthetic	Imaging
<input type="checkbox"/>	Anesthetic	Wound Repair
<input type="checkbox"/>	Biopsy	Punch Biopsy
<input type="checkbox"/>	Biopsy	Skin Biopsy
<input type="checkbox"/>	Clipping	Ear Clipping

#### Drop-Down Menus

Questions with drop-down menus are similar to radio button questions, and will let you select one answer from a set of configured choices.

Research Type  
(Basic, Applied,  
Field)

Instructional or  
Training

A dropdown menu is shown next to the 'Research Type' field. The menu has a red dashed border and a downward arrow icon. It contains three items: 'Applied' (which is highlighted in blue and has a black cursor arrow pointing to it), 'Basic', and 'Research'.

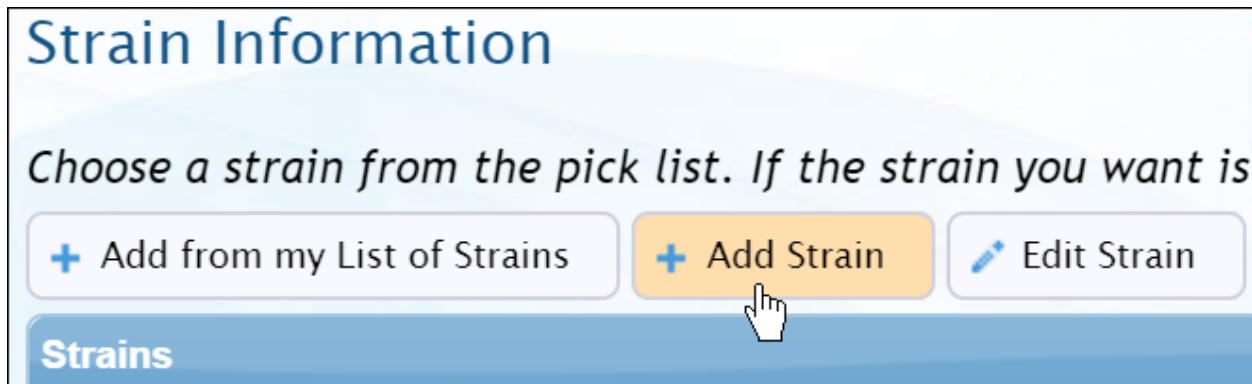
Add From List



The Add From List option allows you to choose from data that you have inputted previously. For example, if you are a PI, you may be able to add funding from your current list of funds, depending on your approved protocols.

#### Add New

The Add New option allows you to add new data into the system, such as a new funding source, location, or strain.



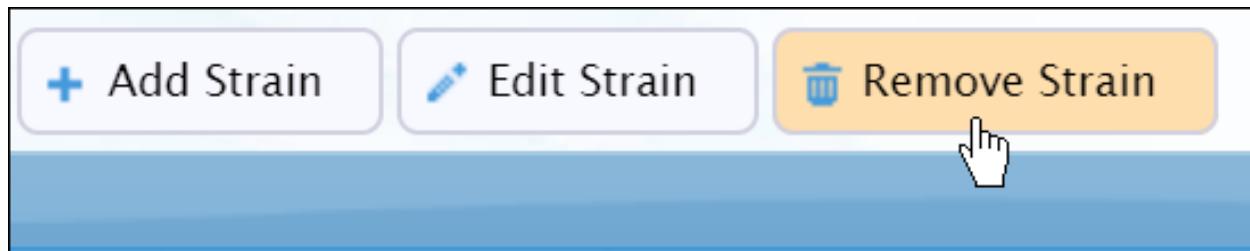
#### Edit

When adding from a list or adding new data, you can edit the data by clicking on the list item, and then clicking **Edit**.



### Delete or Remove

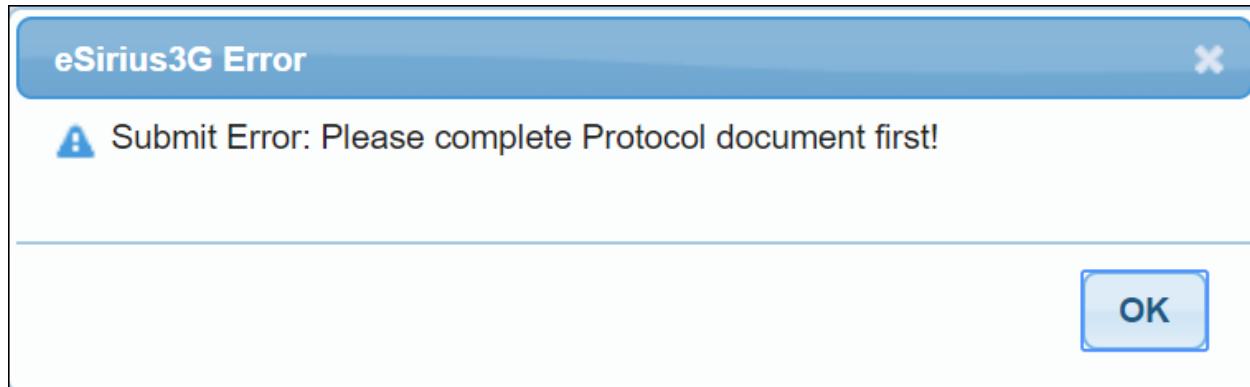
You can delete or remove an item from a list by clicking on the item, and then clicking **Remove**.



## Submitting Your Protocol

If green checkmarks appear next to every section within the table of contents of your protocol, then you are ready to submit.

If a section is missing a green checkmark, it means that you still need to answer a required question. If you try submitting without answering all the required questions, you will see this message:



To submit your protocol, click on **Submit Protocol** within your table of contents.

**Table of Contents**

- Options
- Protocol Overview
- Use Type(s)
- ▶  Guinea Pig
- Personnel
- Databases Searched
- Endpoints

**Submit Protocol**

**Attachments**



Type your password, and then click **Submit**.

**Submit New Protocol**

Password ..... 

[◀ Previous](#) [Submit Protocol](#) [Submit protocol to IACUC Office](#)



Your protocol will now be routed to the IACUC office for review and approval, and the protocol will appear in your Protocols in Review inbox.

Protocol Actions	0	3	
Draft Protocols	1	1	
Protocols in Review	0	1	
Continuing Reviews			
Continuations in Review			
De Novo Reviews			
Draft Amendment	0	0	

**New Protocols**

Submitted	PI	Protocol #
<input type="checkbox"/> New - 1 Protocol(s) Submitted		
12/05/2019	Principal, Penny	2019-1086

When your protocol has been reviewed and approved, it will appear in your Protocol Actions inbox.

<b>IACUC</b>		
Alert	Inbox	Total
Protocol Actions	0	3
Draft Protocols	1	1
Protocols in Review	0	1
Continuing Reviews		
Continuations in Review		
De Novo Reviews		
Draft Amendment	0	0

**+ Start a New Protocol Application** 

**List of Approved Protocols**

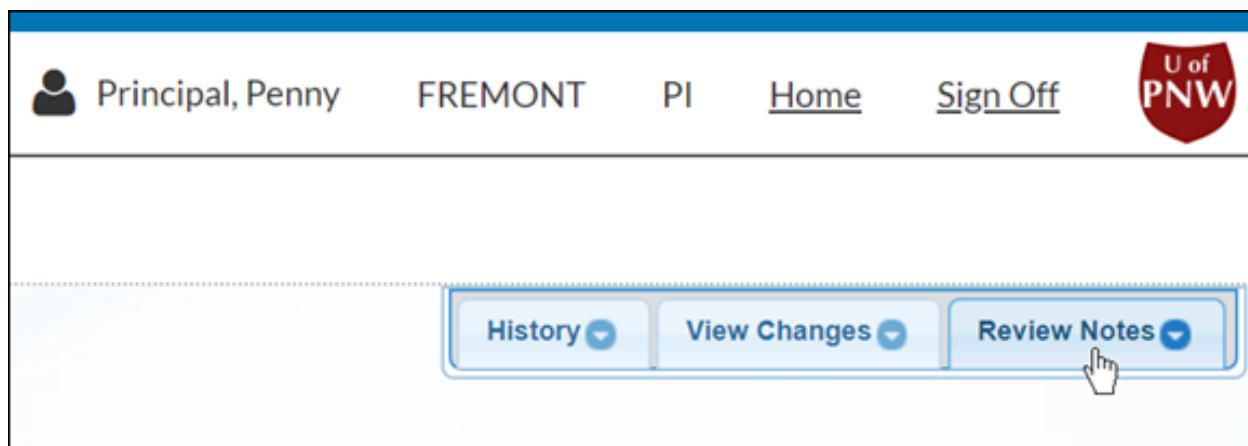
PI	Protocol #
Principal, Penny	2019-1078
Principal, Penny	2019-1080
Principal, Penny	2019-1085

## Revising Your Protocol

If a protocol is returned with recommendations from reviewers, the PI will receive an email notification. The PI can re-open the protocol by clicking on the protocol number within the email, or within Protocols in Review Alerts.

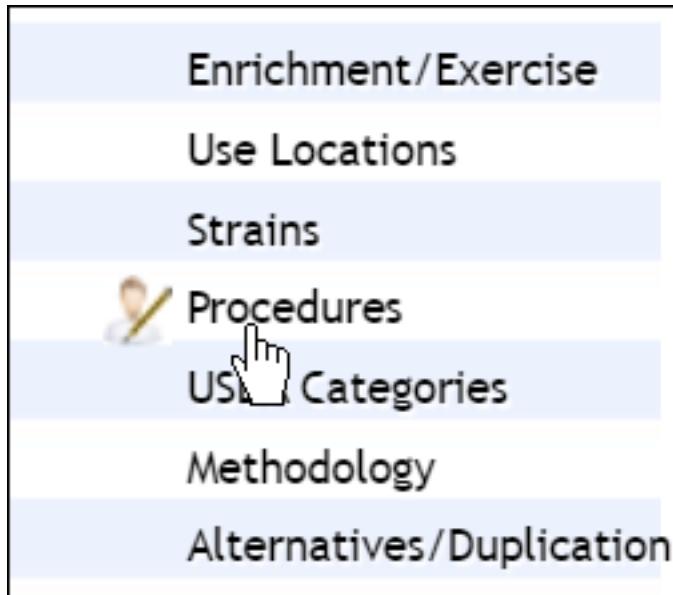
New Protocols			
Submitted	PI	Protocol #	Date Sent
<b><input checked="" type="checkbox"/> New - 2 Protocol(s) Submitted</b>			
12/06/2019	Principal, Penny	2019-1089	12/06/2019
12/05/2019	Principal, Penny	2019-  2019-1089	12/05/2019

Within the protocol, the reviewer pane will be displayed on the right-hand side. Click on a tab to expand the pane.



The screenshot shows a top navigation bar with user information (Principal, Penny, FREMONT, PI), navigation links (Home, Sign Off), and the U of PNW logo. Below this is a large empty area representing the main content of the protocol. At the bottom, there is a horizontal row of three tabs: "History" with a pencil icon, "View Changes" with a pencil icon, and "Review Notes" with a pencil icon. A hand cursor icon is positioned over the "Review Notes" tab, indicating it is the active or intended target for interaction.

You will see a pencil icon next to any sections where reviewers are requesting a revision.



Within each section requiring review, you can make a revision to your protocol, respond to the reviewer with a rebuttal, or both. To make a rebuttal, click the checkbox next to **Review Rebuttal**, and type your response.

History  View Changes  Review Notes 

Reviewer Notes

Anesthetic procedures also need to be included for this protocol.

Review Rebuttal  

When you are finished revising your protocol, click **Submit Protocol**, type in your password, and click **Submit**.

## Copying an Approved Protocol

If you would like to use an approved protocol as a base for a new protocol, you can copy the protocol from the Protocol Actions inbox.

The screenshot shows the IACUC Protocol Actions inbox. On the left, there's a sidebar with a list of alerts: Protocol Actions (3), Draft Protocols (1), Protocols in Review (1), Continuing Reviews, Continuations in Review, De Novo Reviews, and Draft Amendment (0). The 'Protocol Actions' row is highlighted with a yellow background and has a cursor icon pointing at it. On the right, there's a 'List of Approved Protocols' table with three rows, each containing a PI (Principal, Penny) and a Protocol # (2019-1078, 2019-1080, 2019-1085).

Alert	Inbox	Total
Protocol Actions	0	3
Draft Protocols	1	1
Protocols in Review	0	1
Continuing Reviews		
Continuations in Review		
De Novo Reviews		
Draft Amendment	0	0

PI	Protocol #
Principal, Penny	2019-1078
Principal, Penny	2019-1080
Principal, Penny	2019-1085

Click on the protocol you wish to copy, and then click **Copy Protocol to New Document**.

The screenshot shows the 'List of Approved Protocols' table. The second row, which contains the PI 'Principal, Penny' and Protocol # '2019-1080', is highlighted with a yellow background. Above the table, there are two buttons: '+ Start a New Protocol Application' and 'Copy Protocol to New Document'. The 'Copy Protocol to New Document' button is highlighted with an orange background and has a cursor icon pointing at it. A question mark icon is also present near the button.

PI	Protocol #	
Principal, Penny	2019-1078	Behavioral depression in mice
Principal, Penny	2019-1080	Prostatic disease in dogs
Principal, Penny	2019-1085	Tumor growth in mice

You will be directed to your new protocol application.

## Amending a Protocol

If you need to amend a protocol, you can do so from the Protocol Actions inbox.

The screenshot shows the IACUC Protocol Actions inbox. On the left, there's a sidebar with a tree view of alerts: Protocol Actions (selected), Draft Protocols, Protocols in Review, Continuing Reviews, Continuations in Review, De Novo Reviews, and Draft Amendment. To the right is a table titled "List of Approved Protocols" with three rows:

PI	Protocol #
Principal, Penny	2019-1078
Principal, Penny	2019-1080
Principal, Penny	2019-1085

Click on the protocol you wish to amend, and then click **Start an Amendment**.

The screenshot shows the "List of Approved Protocols" page. At the top are three buttons: "Start a New Protocol Application", "Copy Protocol to New Document", and "Start an Amendment". The "Start an Amendment" button has a mouse cursor hovering over it. Below is a table with three rows:

PI	Protocol #	Protocol Title
Principal, Penny	2019-1078	Behavioral depression in mice
Principal, Penny	2019-1080	Prostatic disease in dogs
Principal, Penny	2019-1085	Tumor growth in mice

Enter a reason for amending the protocol, and click **Amend Protocol**.

The screenshot shows the "Reason for Change" dialog box. It contains a text area with the text "Subject quantity needs adjustment." and a "Reason for Change" button at the bottom. Below the dialog is a large orange button labeled "Amend Protocol" with a hand cursor icon hovering over it.

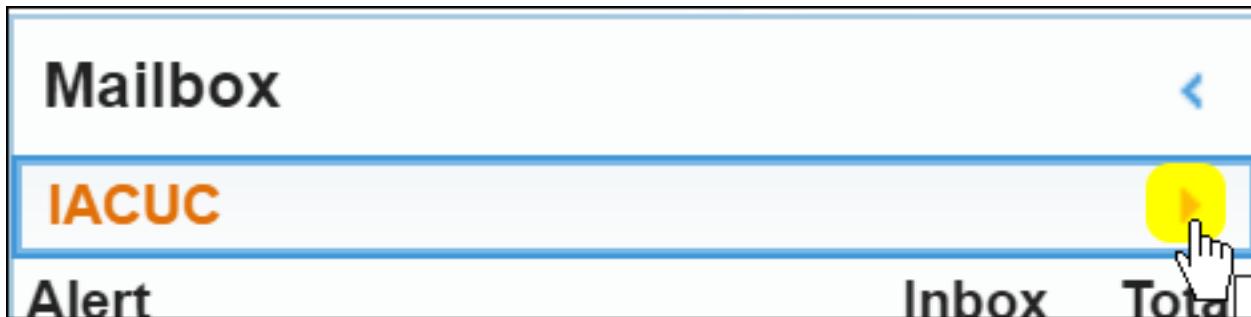
You will be redirected to the protocol draft. When you are finished with your amendment, you can re-submit your protocol.

**Please note:** Only one amendment can be in process at a time.

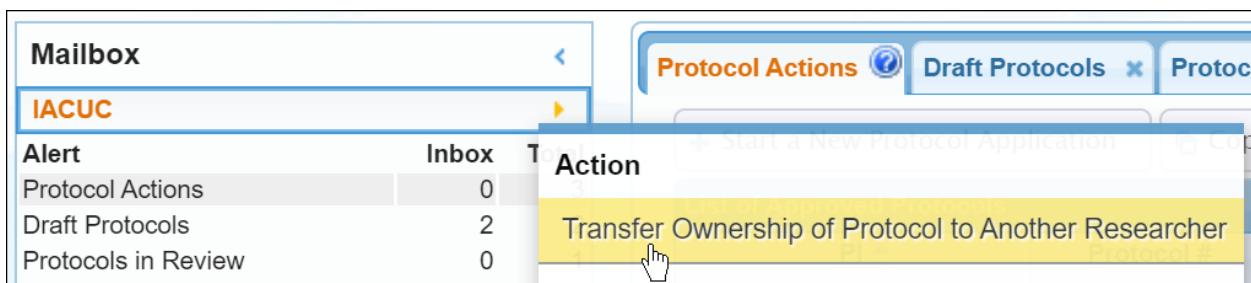
## Transferring a Protocol to Another Researcher

If you need to transfer the ownership of your protocol to another researcher, you can do so within the Actions menu.

1. Click on the arrow next to IACUC in the left-hand inbox menu.



2. Click Transfer Ownership of Protocol to Another Researcher.



3. Select the new owner of the protocol. Contacts are defined within Contact Management by the IACUC office.
4. Enter the reason for the transfer, and click **Show Protocols to Transfer**.

Person to Transfer To	Arroyo, Angelina
Reason for Change	Penny to leave institution.
<a href="#"> Show Protocols to Transfer</a>	

5. Select the protocol(s) you wish to transfer, and click **Finish Transfer Request**.

<input checked="" type="checkbox"/> Finish Transfer Request  <span style="margin-left: 20px;"><input type="button"/> Cancel</span>			
<b>Protocols Grid</b>			
	<b>Protocol No</b>	<b>Protocol Version</b>	<b>Protocol Title</b>
<input checked="" type="checkbox"/>	2019-1078	1	Behavioral depression in mice
<input type="checkbox"/>	2019-1080	1	Prostatic disease in dogs

The protocol will remain in the Transfer Ownership inbox until the transfer has been approved by the IACUC office.

Alert	Inbox	Total
Protocol Actions	0	3
Draft Protocols	2	2
Protocols in Review	0	1
Continuing Reviews		
Continuations in Review		
De Novo Reviews		
Draft Amendment	0	0
Transfer Ownership	1	1

**Transfer Ownership**

Protocol #	Version	Protocol Title
TO-0000001009 - 1 Transaction(s)		
2019-1078	1	Behavioral depression in mice

Find

## Viewing the Register for a Protocol

Viewing the register for your protocol allows you to view species ordering and usage activities. You can access this from Protocol Actions.

1. In the left-hand menu, click on **Protocol Actions**.

The screenshot shows two overlapping windows. On the left is a 'Mailbox' window titled 'IACUC' with a list of alerts. The 'Protocol Actions' alert is highlighted with a yellow background and a cursor icon pointing to it. The right window is titled 'Protocol Actions' and shows a 'List of Approved Protocols' table. The table has columns for PI and Protocol #, listing three entries: Principal, Penny (Protocol # 2019-1078), Principal, Penny (Protocol # 2019-1080), and Principal, Penny (Protocol # 2019-1085). A 'Find' button is at the bottom of the table.

Alert	Inbox	Total
Protocol Actions	0	3
Draft Protocols	2	2
Protocols in Review	0	1
Continuing Reviews		
Continuations in Review		
De Novo Reviews		
Draft Amendment	0	0
Transfer Ownership	1	1

PI	Protocol #
Principal, Penny	2019-1078
Principal, Penny	2019-1080
Principal, Penny	2019-1085

2. Click on the protocol for which you wish to view the registry, and click **Registry**.

The screenshot shows a 'Protocol Registry' window. At the top, there are tabs for 'Is in Review' and 'Transfer Ownership'. Below the tabs is a toolbar with buttons for 'Protocol to New Document' and 'Register'. A tooltip over the 'Register' button says: 'Highlight a protocol and click this button to view the species ordering and usage activities'. The main area is a table showing three rows of protocol details: 'Behavioral depression in mice' (Approved Date: 11/19/2019, Review Date: 11/19/2019), 'Prostatic disease in dogs' (Approved Date: 11/19/2019, Review Date: 11/19/2019), and 'Tumor growth in mice' (Approved Date: 11/19/2019, Review Date: 11/19/2019).

Protocol	Approve Date	Review Date
Behavioral depression in mice	11/19/2019	11/19/2019
Prostatic disease in dogs	11/19/2019	11/19/2019
Tumor growth in mice	11/19/2019	11/19/2019

3. Beneath Register Transactions, click on the protocol number to view additional information.

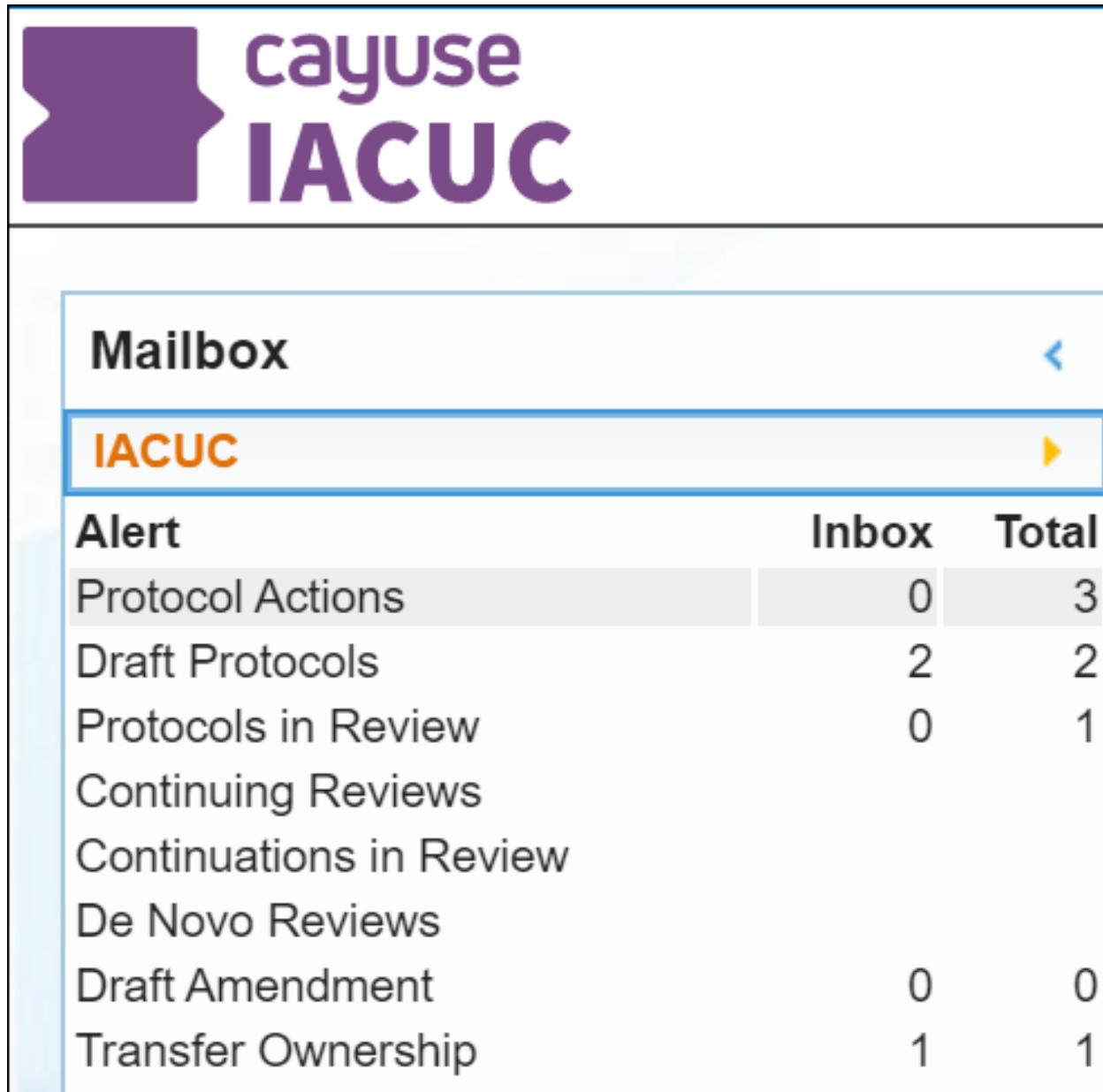
Protocol Register Transactions					
PI	Protocol	Version	Approved	Expires	Species
Principal, Penny	2019-1078	1	11/19/2019	11/19/2022	Mouse
Principal, Penny	<u>2019-1078</u>	1	11/19/2019	11/19/2022	Mouse
Principal, Penny	<u>2019-1078</u>	1	11/19/2019	11/19/2022	Mouse
Principal, Penny	<u>2019-1078</u>	1	11/19/2019	11/19/2022	Mouse

Additional information about the transaction will be displayed within a grid.

Protocol Register Detail				
Protocol	Version	Species	Pain Level	Trans Date
2019-1078	1	Mouse	C	11/19/2019

## Understanding Alerts

In Cayuse IACUC, the left-hand menu contains different sections for alerts regarding your protocols. You can refer to these alerts to understand where your protocols are within the routing process.



The image shows the Cayuse IACUC Mailbox interface. At the top, there is a purple header with the Cayuse IACUC logo. Below the header, the word "Mailbox" is displayed in bold black text. To the right of "Mailbox" are two small blue arrows: a left arrow pointing left and a right arrow pointing right. Underneath "Mailbox", the word "IACUC" is written in orange. A table follows, with the first column labeled "Alert" and the second column labeled "Inbox". The third column is labeled "Total". The table rows are as follows:

Alert	Inbox	Total
Protocol Actions	0	3
Draft Protocols	2	2
Protocols in Review	0	1
Continuing Reviews		
Continuations in Review		
De Novo Reviews		
Draft Amendment	0	0
Transfer Ownership	1	1

### Draft Protocols

This alert displays the protocols that have yet to be submitted. You can continue to edit the protocol by clicking on the protocol number.

List of Un-Finished Protocols		
PI	Protocol #	
Principal, Penny	00001088	Behavioral depression in mice
Principal, Penny	2019-00001088	title

#### Protocols in Review

This alert displays the workflow process, showing both the sender and recipient of the protocol. If a protocol appears in italics, it means the protocol hasn't yet been submitted to the PI.

If a protocol is returned with recommendations from reviewers, the PI will receive an email notification. The PI can re-open the protocol by clicking on the protocol number within the email, or within Draft Protocol Alerts.

New Protocols			
Submitted	PI	Protocol #	Date Sent
<b>New - 2 Protocol(s) Submitted</b>			
12/06/2019	Principal, Penny	2019-1089	12/06/2019
12/05/2019	Principal, Penny	2019-00001089	12/05/2019

#### Continuing Review

This alert shows protocols that have come up for the first year review.

#### Continuations in Review

This alert shows first year review protocols that are in review by the IACUC committee.

#### De Novo Reviews

This alert will show protocols up for their three year review.

#### Draft Amendment

This alert will show draft amendments.

#### Transfer Ownership

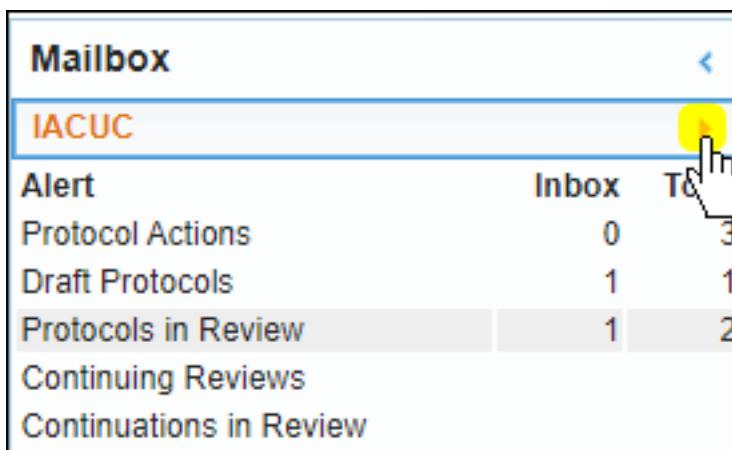
This alert shows all protocols where the transfer of ownership is pending.

## Running a Search

You can run four different kinds of searches in Cayuse IACUC from the Actions menu:

- Protocol Search
- Funding Search
- Continuing Review Search
- Register Search

1. Click the arrow next to the IACUC header in the left-hand menu.



2. Click on the type of search you wish to run.

The screenshot shows the 'Protocol Actions' tab selected in the top navigation bar. A tooltip for 'Protocol Search' is overlaid on the search bar, with a cursor icon pointing to the search button.

**Protocol Actions** **Draft Protocols** **Protocol**

**Protocol Actions**

Action	Count	Description
Transfer Ownership of Protocol to Another Researcher	3	to

**Reports**

Report Type	Date	Subject
New - 2 Protocol(s) Submitted	2019-10-18	Principal, Penny
Protocol Reports	2019-10-18	AAALAC Compliance Reports Principal, Penny
Protocol Contact Reports	2019-10-18	

**Searches**

- Protocol Search
- Fund Search
- Continuing Review Search
- Register Search

3. Select any filters by which you wish to limit the search. If you need to add additional filters, click **Add Filter**.

## Protocol Search

### Protocol Search Filters

**Filters**

* Status	▼ Equals	▼ Approved (w/o Stipulation)
* Approval Date	▼ This Year	▼
* Expiration Date	▼ Greater Than	▼ 01/01/2020

[+ Add Filter](#)  [Search](#)  [Export](#)  [Recall filters](#)

 [Add Filter](#)

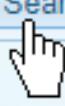
4. When you've chosen your filters, click **Search**. Your search results will populate.

### Protocol Search Filters

**Filters**

* Status	▼ Equals	▼ Approved (w/o Stipulation)
* Approval Date	▼ This Year	▼
* Expiration Date	▼ Greater Than	▼ 01/01/2020

[+ Add Filter](#)  [Search](#)  [Export](#)  [Recall filters](#)

 [Search](#)

You can also **Export** the report to a .CSV, **Recall Filters**, or **Save Filters** for later.

**Protocol Search Filters**

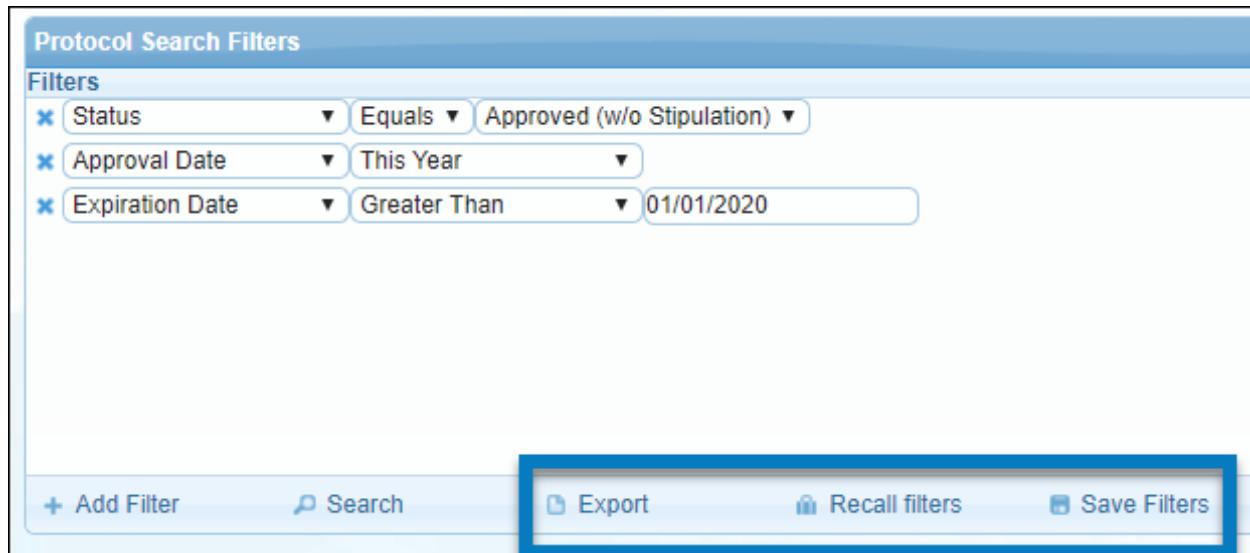
**Filters**

Status Equals Approved (w/o Stipulation)

Approval Date This Year

Expiration Date Greater Than 01/01/2020

[+ Add Filter](#) [Search](#) [Export](#) [Recall filters](#) [Save Filters](#)

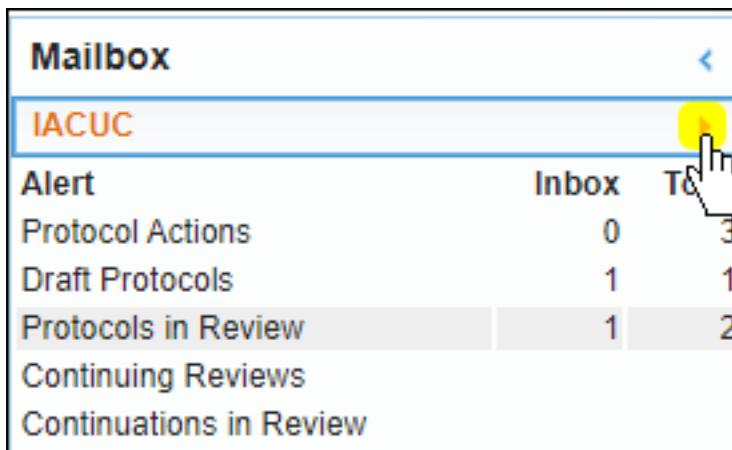


## Running Reports

At some point, you may need to run reports in Cayuse IACUC. You can run three different kinds of reports:

- Protocol Reports
- AAALAC Reports
- Protocol Contact Reports

1. Click the arrow next to the IACUC header in the left-hand menu.



2. Click on the type of report you wish to run.

The screenshot shows the 'Protocol Reports' section of the Animal Welfare System Mailbox. The interface includes a sidebar with categories like Alert, Protocol Actions, Draft Protocols, and Protocols in Review. The main area displays a table with columns for Action, Description, and Date. One item in the table is highlighted with a yellow background and a cursor icon pointing at it.

Action	Description	Date
Transfer Ownership of Protocol to Another Researcher	Principal, Penny	2019-10-08
AAALAC Compliance Reports	Principal, Penny	2019-10-08
Protocol Contact Reports		

- On the Protocol Reports Filters page, select the type of report you wish to run.

## AAALAC Compliance Report Filters

**AAALAC Compliance Report Filters**

**Filters**

Select Report: Restraint by Species

- choose a filter – Restraint by Species
- choose a filter – Euthanasia Methods by Species
- choose a filter – Hazardous Agents by Species
- choose a filter – Animal Usage by Surgical Procedure
- Surgery Locations and Types
- Multiple Major Recovery Surgical Procedures
- Analgesic/Anesthetic Drugs
- Use Locations by Species

4. Select any filters by which you wish to limit the report. If you need to add additional filters, click **Add Filter**.

**AAALAC Compliance Report Filters**

**Filters**

Select Report: Surgery Locations and Types

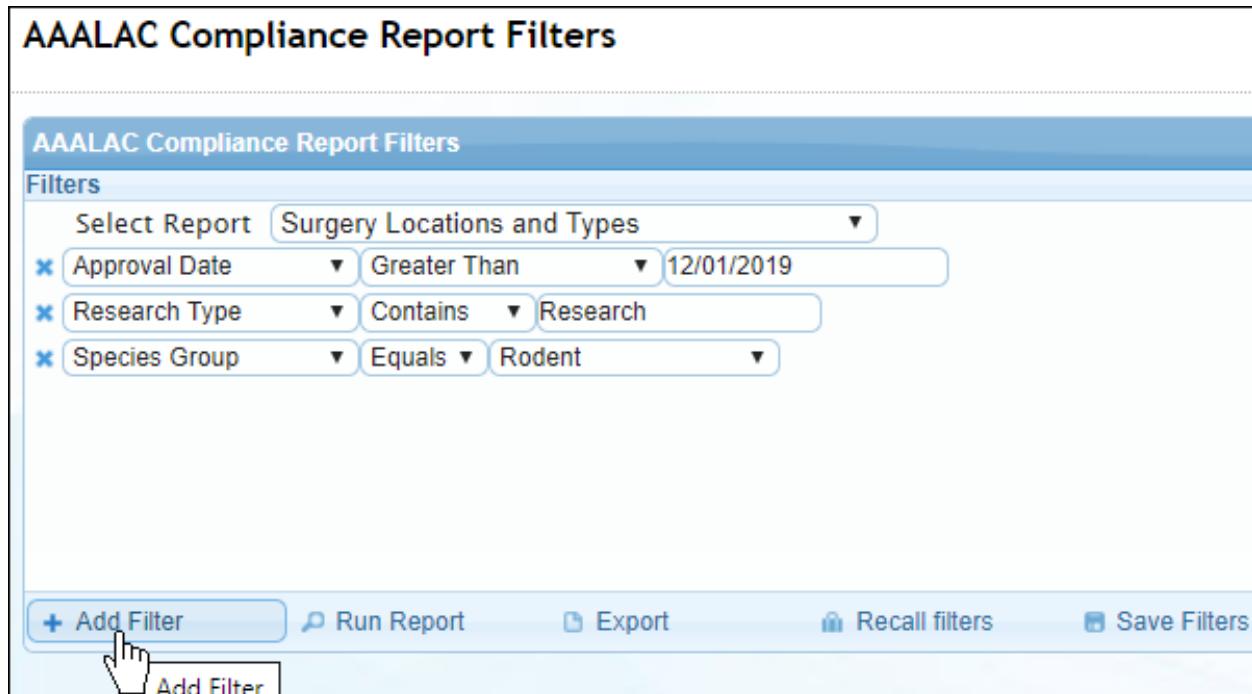
Approval Date: Greater Than 12/01/2019

Research Type: Contains Research

Species Group: Equals Rodent

**Add Filter** **Run Report** **Export** **Recall filters** **Save Filters**

**Add Filter**



5. When you've chosen your filters, click **Run Report**. The report will populate in a new window.

**AAALAC Compliance Report Filters**

**Filters**

Select Report: Surgery Locations and Types

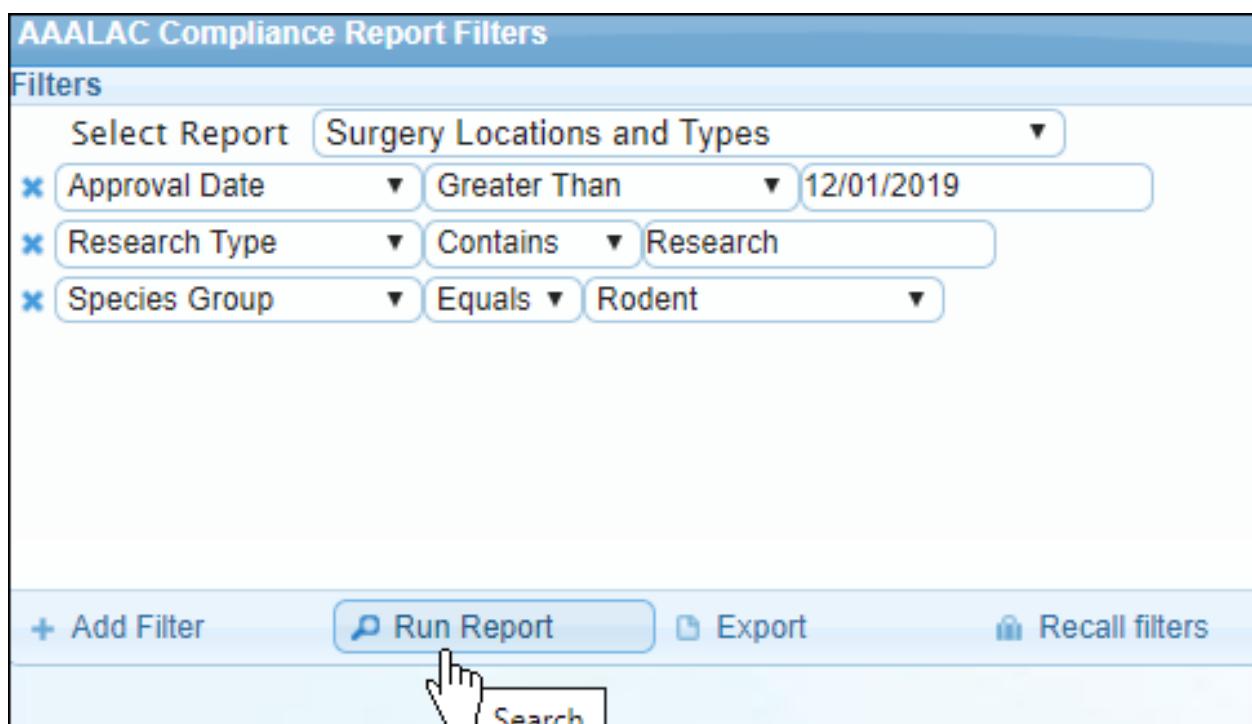
Approval Date: Greater Than 12/01/2019

Research Type: Contains Research

Species Group: Equals Rodent

**Add Filter** **Run Report** **Export** **Recall filters**

**Search**



You can also **Export** the report to a .CSV, **Recall Filters**, or **Save Filters** for later.

**AAALAC Compliance Report Filters**

**Filters**

Select Report **Surgery Locations and Types**

**Approval Date** Greater Than 12/01/2019

**Research Type** Contains Research

**Species Group** Equals Rodent

[+ Add Filter](#) [Run Report](#) [Export](#) [Recall filters](#) [Save Filters](#)