

# eIACUC Study Team Manual

This guide serves to aid IACUC study teams become familiar with the basic functions of the ARC system.

## **Table of Contents**

Welcome to ARC	3
Accounts	3
New Account Registration	3
Log In	4
Forgot Your User Name or Password?	4
Account Changes	5
Navigation	6
My Home Page	6
Roles	7
Navigation Tabs	7
Inbox Tab	7
Profile Tab and Uploading IACUC Training	8
IACUC, Approved Studies, and COI Tabs	11
Application Workspace	11
Create a New Study	
Working with Smart Forms	13
Attaching Documents and Tables	15
Hide/Show Errors	16
Completion and Submission: A Two-Part Process	
Part 1 – Complete the Application	16
Part 2 – Submit the Application	16
Veterinary Review	16
Submitting to IACUC	17
IACUC Review and Approval	
Progress Notifications	
Respond to Requests for Revisions or Information	
Approval Letter	19
Modifications and Continuations	
Modification	21
Continuation and Study Closure	23

## Welcome to ARC

Our on-line *ARC* system streamlines the process of submitting, approving, tracking, and managing eIRB eCOI, and eIACUC applications.

ARC is available via Internet connection 24 hours a day, 7 days a week.

If you have any questions about the ARC system, the ARC HelpDesk is available during regular business hours at (813) 974-2880 and by email at <u>RSCH-arc@usf.edu</u>.

# Accounts

In order to create and submit applications in ARC, you will first need to obtain an account by submitting a new user registration request.

### **New Account Registration**

To open your new *ARC* account:

- 1. Go to the ARC Web Site: <u>https://ARC.research.usf.edu/prod/</u>
- 2. Click **Register Here** on the right hand side of the page.

USF UNIVERSIT	Y OF' Arc	Login
Home		
Home		
Institutional Animal Care and Use Committee	Home	Need an account?
Pesearch Conflict of Interest		Register Here
Institutional Review Board	Welcome, The Division of Research Integrity & Compliance administers key research- related assurance and compliance programs required by federal and state agencies	Have an account?
What's New	and programs for the conduct of research at USF. This site enables the division to	
Training Materials	manage an aspects of the institutional Review Doard process.	User Name:
Regulation and Guidance	Full AAHRPP Accreditation! With this prestigious distinction, USF joins an elite	Password:
Contact Us	group of top research universities and becomes the first AAHRPP accredited university in Florida which has its Human Research Protection Program accredited by AAHRPP.	Log In
		Need Help?
		Forgot Password
		Forgot User Name
	ARC Help Desk (eIRB, eCOI, el) Mail: 12901 Bru	Division of Research Integrity & Compliance ACUC): (813) 974-2880 - E-Mail: <u>rsch-arc@usf.edu</u> uce B. Downs Blvd, MDC35, Tampa, FL 33612-4799
	Copyright © 201	1, University of South Florida. All rights reserved

- 3. Complete the required fields (\*) and provide your USF Net ID, Employee ID, and USF or affiliate email address.
- 4. Select all relevant roles, such as Study Staff, PI, Department Approver, etc.
- 5. Click Register.
- 6. Within two business days your new account will be activated and you will receive an e-mail containing your account information (i.e., User Name & Temporary Password).

## Log In

- 1. Type your **User Name** in the login section on the right side of the ARC screen.
- 2. Type in your Password.
- 3. Click Log In.

USF UNIVERSIT SOUTH FLO	Y OF' Arc	Login
Home Institutional Animal Care and Use Committee Research Conflict of Interest Institutional Review Board What's New	Home Welcome, The Division of Research Integrity & Compliance administers key research- related assurance and compliance programs required by federal and state agencies and programs for the conduct of research at USF. This site enables the division to manage all aspects of the Institutional Review Board process.	Need an account? Register Here Have an account?
Training Materials Regulation and Guidance Contact Us	Full AAHRPP Accreditation! With this prestigious distinction, USF joins an elite group of top research universities and becomes the first AAHRPP accredited university in Florida which has its Human Research Protection Program accredited by AAHRPP.	2 Password: 3 Log In Need Help? Forgot Password
	ARC Help Desk (eIRB, eCOI, eIA Mail: 12901 Bruc Copyright © 2011	Forgot User Name Division of Research Integrity & Compliance CUCJ: (813) 974-2880 - E-Mail: <u>rsch-arc@usf.edu</u> :e B. Downs Blvd, MDC35, Tampa, FL 33612-4799 I, University of South Florida. All rights reserved

## Forgot Your User Name or Password?

If you ever forget your account credentials, you can have them emailed to you on the ARC Home page.

1. The Forgot Password and Forgot User Name options are available under Need Help?.

USF UNIVERSIT	Y OF RIDA	Login
Home Institutional Animal Care and Use Committee Research Conflict of Interest Institutional Review Board What's New Training Materials Regulation and Guidance Contact Us	Home Welcome, The Division of Research Integrity & Compliance administers key research- related assurance and compliance programs required by federal and state agencies and programs for the conduct of research at USF. This site enables the division to manage all aspects of the Institutional Review Board process. Full AAHRPP Accreditation! With this prestigious distinction, USF joins an elite group of top research universities and becomes the first AAHRPP accredited university in Florida which has its Human Research Protection Program accredited by AAHRPP.	Need an account?         Register Here         Have an account?         User Name:         Password:         Log In         Need Help?         Forgot Password         Forgot User Name
	ARC Help Desk (eIRB, eCOI, eIA Mail: 12901 Bru Copyright © 201	Division of Research Integrity & Compliance ACUC): (813) 974-2880 - E-Mail: <u>rsch-arc@usf.edu</u> Jce B. Downs Blvd, MDC35, Tampa, FL 33612-4799 11, University of South Florida. All rights reserved

- 1. If you select **Forgot user name?**, you will be prompted to confirm your email address. Once confirmed, your user name will be emailed to you.
- 2. If you select **Forgot password?**, you will be prompted to confirm your user name and email address. Once confirmed, a new temporary password will be emailed to you. Upon log in, you will be required to change your password.

If you have forgotten both your user name and your password, select **Forgot user name?** first as it only requires your primary email address. After receiving your username, you can select **Forgot password?**.

#### **Account Changes**

It is important to keep your account information current. To make changes to your account, click your name in the upper right hand corner of your screen to open your account properties.



Then make the necessary changes and click **Apply**. **Note** - For changes to your department affiliation and assigned roles, you will need to contact the helpdesk.

To change your password, click on your name (as described above). On your Account page, click the **Account** tab. Type in your old password, your new password, and your new password again in their respective boxes. Click **Apply**.

After receiving your username and a temporary password, you can log in to the ARC system.

## **Navigation**

#### **My Home Page**

After logging in, the screen displays your **Home Page<sup>1</sup>** which allows you to view and manage those applications relevant to your **Role**. The eIACUC applications include an initial study, modification, and continuation.

UNIVERSITY OF SOUTH FLORIDA C South Sternin-Crane   My Home   Logoff							
Home - ARC Development IRB Studies IACUC COI							
Page for Lilith Sternin-Crane							
Study Staff	Page for Lilith Sternin-Crane						
My Roles	Welcome to your Personal Page, the startin	g point for all i	interactions	with this	s site. Note the follow	ing:	
Study Staff	Inbox - Items appearing here require im     Click on link to second an item	nmediate actio	n by you to	speed y	our submission throug	gh the review	
Quick Links	<ul> <li>Monitor - Check the progress of your submissions using the other tabs. Items under these tabs do not require any action by you.</li> </ul>						
Division of Research Integrity & Compliance							
	Inbox IRB IACUC Approved Studi	es Profile	COI				
Human Subjects	Displays all items which require action by the s	tudy team. Cl	ick on links	for more	e information.		
New IRB Study	Filter by ID -			Go Cle	ar Advanced		
Animal Subjects	ID Name	<ul> <li>Date</li> <li>Modified</li> </ul>	Туре	Owner	State	Last State Change	
New IACUC Study	IS00000113 Workflow Testing	7/18/2012 11:20 AM	IACUC Study		1. Pre Submission	7/16/2012 12:15 PM	
Conflict of Interest	S00000112 RP Test	7/12/2012 10:12 AM	IACUC Study		1. Pre Submission	7/12/2012 10:12 AM	
New COI Disclosure	IS00000089 03/30/2012 Testing Session	7/5/2012	IACUC	Crane,	4. Changes	6/28/2012	

When you are in other sections of the *ARC* system, you can easily get back to your home page by clicking the link to **My Home**.

<sup>&</sup>lt;sup>1</sup> Users that registered in the ARC system prior to 2011 may see "Folder" in place of "Page." There is no difference in functionality or navigation beyond the terminology.



## **Roles**

A person can have multiple **Roles** in *ARC* such as Study Staff, Veterinarian, IACUC Coordinator, IRB Committee member, etc. Different Roles provide access to different applications, information, and activities. The "Study Staff" role encompasses all of the study team positions. Principal Investigator, Secondary Investigator, Research Staff, and Secondary Study Contact are the study team positions for eIACUC.

Your current **Role** will be displayed in the red banner at the top of the column on the left side of your home page. Your current role will be **Bold** in the listing of your available Roles If you have more than one role, each time you log in, be sure that the correct role is selected.

Page for Sam Malone	
Committee Chair	Page for Sam Malone
My Roles Committee Chair IACUC Committee Member	Welcome to your Personal Folder. Your Personal Folder provides all the tools you application process. Use the following guidelines to process submissions:

## **Navigation Tabs**

The central area of your home page provides a row of navigation tabs. These tabs provide access to your applications based upon their type or status.



#### **Inbox Tab**

The **Inbox** tab is displayed by default after logging in to the ARC system. The **Inbox** tab lists all applications (studies, modifications, continuations) that require action by you or other staff on your study team in your current Role.<sup>2</sup>

Below is an example of your Inbox:

<sup>&</sup>lt;sup>2</sup> An application can be in multiple users' Inboxes (e.g. a study in Pre-Submission).

1									
Inbo	ox IRB	IACUC	Approved Studie	es Profile	COI				
Displa	ays all items	s which requir	e action by the st	udy team. Cl	lick on links for	more informa	ation.		
	Filter by	ID	•		Go	Clear Adv	anced		
I	D	Name 2		<ul> <li>Date Modified</li> </ul>	Type <b>3</b>	Owner	State	4	Last State Change
<u>ا</u> ہے	C00000021	2013 Review	for IS00000087	6/13/2012 3:33 PM	IACUC Continuation	Simms (PI), Rebecca M	1. Pre	Submission	6/13/2012 2:48 PM
	S00000108	asdf		6/11/2012 9:20 AM	IACUC Study		1. Pre	Submission	6/11/2012 9:10 AM
	S00000099	Farah is testi	ng the system	6/5/2012 4:50 PM	IACUC Study		1. Pre	Submission	5/23/2012 3:54 PM
	S00000100	IACUC Title		5/31/2012 4:43 PM	IACUC Study		1. Pre	Submission	5/29/2012 3:49 PM

Key to the Inbox page:

- 1. The Inbox tab. Displays all applications requiring attention by you or your study team.
- 2. **Name** column. Displays the name of applications in your Inbox. Clicking the name will bring up that application's workspace.
- 3. **Type** column. Displays the type of application (Study, modification, etc.)
- 4. **State** column. Displays where the application is in the review process.

Once you have completed the required activities, the application is moved electronically from one respective Inbox to the next according to whose attention it requires. If an application is not in your Inbox, it's someone else's turn to work on it. **If an item is in your Inbox, it still requires your attention.** 

#### **Profile Tab and Uploading IACUC Training**

The **Profile** tab provides information regarding training records/certifications and access to your researcher profile. In order to upload IACUC training documents, you will need to first navigate to your researcher profile. First, select the "Study Staff" role under *My Roles* if it is not already selected.

Y OF     Rebecca Simms   My Home   Logoff       RIDA     CUC COI
Page for Rebecca Simms
<ul> <li>Welcome to your Personal Page, the starting point for all interactions with this site. Note the following:</li> <li>Inbox - Items appearing here require immediate action by you to speed your submission through the review process. Click on link to access an item.</li> <li>Monitor - Check the progress of your submissions using the other tabs. Items under thes tabs do not require any action by you</li> </ul>

Once selected, select the "Profile" tab. This will provide access to your researcher profile link.

Folder for Rebecca PI					
Welcome to your Pers	conal Page, the starting point for all interaction	as with this site. Note the following:			
<ul> <li>Inbox - Items appearing here require immediate action by you to speed your submission through the review process. Click on link to access an item.</li> <li>Monitor - Check the progress of your submissions using the other tabs. Items under these tabs do not require any action by you.</li> </ul>					
Inbox IRB IAC	JC Approved Studies Profile COI				
Any training profiles/cert	ifications on record in the system are displayed	d here.			
My Profile Link					
Name		Status			
Rebecca Simms (PI)'s I	Profile	Active			
IRB Training Records					
Biosketch/CV	IRB Certification Renewal Deadline	IRB Certification Document			
Simms CV(0.01)					

#### **Uploading IACUC Training**

From the researcher profile page, you update your training documents by selecting **Edit Researcher Profile**.

Current State	Rebecca Sim	ms (PI)'s Profile				
Active	Department: GA Created: 12/ Last Modified: 6/13	STROENTEROLOGY 13/2010 4:55 PM 3/2012 9:18 AM				
My Activities	Last Name	First Name	E-Mail	Phone	Mobile	Profile
Verify IACUC Training and Certification	There are no items	to display				
	History Log	RB IACUC Research				
	Activity				Author	Activity Date
	Coor IACUC Certi	fication Status Updated			Tortelli, Carla	6/13/2012 9:18 AM EDT

This will bring you to the Researcher Profile SmartForm. To branch to the IACUC training section, check the IACUC box in question 1.2 and select **Continue**.

< Back	Save   Exit   Hide/Show Errors   Print   Jump To: 1 Master Profile Settings -	Continue >>
	Researcher Profile	1.0
1.1	* Profile Name: Rebecca Simms (PI)'s Profile	
1.2	<ul> <li>Select all that apply to your research activities at USF:</li> <li>IRB I conduct research requiring approval from Institutional Review Board(IRB)</li> </ul>	
	IACUC I conduct research requiring review by an Institutional Animal Care and Use Committee(IACUC)	

Section 3 of your researcher profile displays your IACUC training materials. Use the **Add** or **Upload Revision** buttons to upload the required documents and information.

<< Back	Save   Exit   Hide/Show Errors   Print   Jump To: 3 IACUC Training +	Continue >>
	Animal Researcher Training & Experience	3.0
	The following information is required for IACUC Certification. Once all fields have been completed, the IACUC will be notified to verify this information.	
	Pending IACUC Review? no This record was last verified by the IACUC on: 3/30/2012	
3.1	* Animal Experience - click add and complete the form for each species with which you will be working:	
	Species Years Experience	
	Update Mouse 5 Delete	
3.2	Documentation of Facility Orientation and/or Wildlife Orientation: Facility Orientation (LSC)(0.01	
3.3	Documentation of Online Training Completion: Training (LSC)(0.01) Upload Revision	
3.4	Documentation of Health and Risk Assessment: Health and Risk (LSC)(0.01) Upload Revision	

After uploading the necessary documents, select **Save** from the navigation bar and **Exit** the Smartform. This will bring you back to your researcher profile page. Once completed an IACUC staff member will be notified to validate your training documents.

#### **IACUC, Approved Studies, and COI Tabs**

The IACUC tab lists all applications with which you are associated regardless of the state. In the IACUC tab, you can monitor the State of all of your IACUC applications. You can view applications under the IACUC tab by clicking the application Name.

The Approved Studies tab lists all of your studies that been approved by the IACUC and IRB.

The COI tab lists all of your conflict of interest applications.

#### **Application Workspace**

Work on an application begins in the application's **Workspace** which is like a home page for the application. Open an application's Workspace by clicking on its **Name** in your **Inbox** or other tab.

The application Workspace provides:

- information about the application
- links to specific sections and documents related to the application

- buttons to initiate **Activities** and move the application to the next step in the review process
- history of all activities performed on the application

After a study has been approved, tabs for Modifications and Continuations are displayed next to the History tab in the study workspace.

Below is an example of a study Workspace screen:

USF UNIVERSITY	Y OF"	arc 🐄			Rebecca Simms (PI)	My Home   Logoff
Home - ARC Development IRB Stu	idies IACUC	СОІ				
IACUC > 3/30/2012 Testing Session	<u>on</u>	2		3		
Current State 1	Study:3	3/30/2012 Te	sting Session (IS000	00087)		
1. Pre Submission	Additiona	l Titles:				
	Principal	Investigator: Lilit	h Sternin-Crane	Secondary St Contact(s):	udy Rebecca Simn	ns (PI)
Edit Study 4	Last Upda	ted: 6/6/	2012 8:34 AM	Protocol Type	Research or Te	eaching
📮 Printer Version 🛛 5						
View Differences	7	8				
View Smartform Progress	History	Attachments	Ancillary Review Status	Change Log	Reviewer Notes	
Pending Ancillaries		Activity	Author		<ul> <li>Activity Date</li> </ul>	
Biosafety Reviewer	i	Study Created	Sternin-Crane, Li	lith	3/30/2012 1:42 PM EE	т
My Activities 6						
ss Submit Study for Veterinarian Review						
PI Withdraw						
Script Execution Activity						
(Template: Initial)						

Key to the study **Workspace** screen:

- 1. **Current State** indicates the stage in the review process for this application. This changes as Activities are completed.
- 2. The summary panel displays information about this study. The information changes when a study becomes active.
- 3. IACUC Study Number (also referred to as the IS#).
- 4. **Edit Study** button opens the application SmartForm for editing (while the application is in your study team's Inbox only). When the application is not in your Inbox, the button is **View Study** and will provide read-only access.<sup>3</sup>
- 5. **Printer Version** button opens all of the relevant SmartForm screens in one easy-to-print window.

<sup>&</sup>lt;sup>3</sup> Edit/View will show Modification or Continuation if those applications are selected.

- 6. The left column lists actions and Activities that can be performed on the study in its Current State. The list will vary depending on the Current State and role. The legend on each button indicates which Role (i.e., PI only or any study team member) can perform this activity. Click the button/link to open the Activity screen.
- 7. The **History** tab lists chronologically all actions that have been performed on the study. Click the Activity name in the listed History to view details.
- 8. The **Attachments** tab lists all documents that have been uploaded for this application. Successive versions are archived automatically so that you have access to the most currently approved versions, e.g., protocol, grant document, funding, etc.

# **Create a New Study**

In the role of Study Staff, you can create a new IACUC study (Initial Application) by clicking the **New IACUC Study** button in the column on the left side of your home page.

Page for Lilith Sternin-Crane						
Study Staff My Roles	Page for Lilith Sternin-Crane Welcome to your Personal Page, the starti	ng point for all i	interaction	is with thi	s site. Note the follow	ing:
Study Staff Quick Links	<ul> <li>Inbox - Items appearing here require immediate action by you to speed your submission through the review process. Click on link to access an item.</li> <li>Monitor - Check the progress of your submissions using the other tabs. Items under these tabs do not require any action by you.</li> <li>Inbox IRB IACUC Approved Studies Profile COI</li> </ul>					
Division of Research Integrity & Compliance						
Human Subjects	Displays all items which require action by the	study team. Cl	ick on link	s for mor	e information.	
New IRB Study	Filter by ID -			Go Cle	ear Advanced	
Animal Subjects	Name	<ul> <li>Date Modified</li> </ul>	Туре	Owner	State	Last State Change
New IACUC Study	IS00000112 RP Test	7/12/2012 10:12 AM	IACUC Study		1. Pre Submission	7/12/2012 10:12 AM
Conflict of Interest	IS00000089 03/30/2012 Testing Session	7/5/2012 12:36 PM	IACUC Study	Crane, Frasier	4. Changes Recommended By Veterinarian	6/28/2012 2:17 PM

This will open the study **SmartForm** which uses branching to present only those questions relevant to your study. The IACUC Study Number is assigned automatically the first time you save the study (or after you complete the first page of the application and click **Continue**).

# **Working with Smart Forms**

All applications in *ARC* use **SmartForms**. Since these forms only present questions relevant to your study, it is important that you respond to each question displayed on the SmartForms.

Required fields are marked with a red asterisk \*. Guidance on how to answer many of the SmartForm questions is available by selecting >>Get Help located near the end of the question.

<< Back	Save   Exit   Hide/Sho	1.1.1 Pop-Up Help	•
	Study Identification	If the described activity involving animals is supported by multiple grants with different titles, use the title of the federal or major agency award as the main title and include additional titles of minor awards under item 1.1.2.	ш
1.1.1	* Main Title Set Help	Each protocol is a "stand-alone" document. All information should be provided in the application without references to publications, articles, or texts. Names of involved personnel should not be mentioned in the narrative of responses. Acronyms or abbreviations should be explained when first used.	•

You can answer text questions by typing directly into the text box or by pasting in text from other documents. The **Add** function allows you to attach relevant documents or select your answer from a pre-populated list depending on the question.

Navigation controls are located in the navigation bar at the top and bottom of each page. Use the **Continue** and **Back** buttons to move to the next or last-viewed screen.

UNIVERSITY OF		Edit: IACUC Study - IS00000087
USI SOUTH FLORIDA		
	ive   Exit   Hide/Show Errors   Print   Jump To: - 1.1 Study Identification	Continue >>

Use the SmartForm navigation controls instead of the controls in the browser bar (e.g., Internet Explorer, Firefox, Chrome, Safari, Opera).



Save your application by clicking **Save** or **Continue**.

WARNING: The **Back** button does not save changes. After you enter or edit data on a screen, click **Save** before going **Back**!

Use **Exit** to close the application and return to that application's Workspace.

WARNING: Always Save before exiting!

Each section and question is numbered for easy navigation and reference. Numbering is consistent through all SmartForm applications; however, remember that only the relevant questions for each specific application are displayed.

Once new or revised data on a page has been saved, you can navigate directly to other sections and questions by using the **Jump To** drop-down menu. The title of the displayed page will be red.

WARNING: After you enter or edit data on a screen, click **Save** before using **Jump To**! The Jump To menu does not save.

<< Back	Save   Exit   Hide/Show Errors   Print   Jum	-7.1 Study Summary and Animal Use Rationale -	Continue >>
	Study Summary and Animal Use Rationale	7 - Study Summary and Animal Use Rationale - 7.1 Study Summary and Animal Use Rationale	*
7.1.1	* Briefly summarize the purpose of the study in lay terms and state health, the advancement of knowledge or the good of society: >>0	8 - Experimental Design - 8.1 Experimental Design	Ш
		9 - Statistical Analysis and Rationale - 9.1 Statistical Analysis and Rationale	
74.2		10 - Experimental Endpoints - 10.1 Experimental Endpoints	

## **Attaching Documents and Tables**

Attach documents, such as the protocol or grant document, by using the **Add** button associated with the relevant question in the SmartForm.

Add		
Name	Modified	Version
There are no items to display		

Before attaching a document, be sure you have named it using an accurate description as your approval letter may contain references to these documents as named in the SmartForm. Use the **Browse** button to locate the file, name it in the **Title** field, and select **OK** to add the document to the SmartForm.

Submit a Document	Help
Title:	If not provided, the name of the file will be used
* File:	Browse
Show Advanced Options	
* Required	OK OK and Add Another Cancel

Several sections in the IACUC study SmartForm require adding information that is populated in a table. In some cases, this information is utilized to provide pre-populated choices to other questions in the SmartForm. Similar to documents, select the **Add** button to begin completing the table. This will create a pop-up window containing additional questions.

#### **Hide/Show Errors**

Within a SmartForm, use this tool to gauge your progress with the application. In the menu bar, click **Hide/Show Errors** to list the required fields that need to be completed.

Save   Exit (	Hide/Show Errors Print   Jump To: - 1.1 Study	/ Identification + Continue >>
•		4
Error/Warning Messages		Refresh
Message	Field Name	Jump To
This is a required field; therefore, you must provide the information.	ne required 7.1.1 Purpose of Study	7.1 Study Summary and Animal Use Rationale
This is a required field; therefore, you must provide the information.	ne required 7.1.2 Rationale for Animal Use	e 7.1 Study Summary and Animal Use Rationale
This is a required field; therefore, you must provide the information.	ne required 7.1.3 Justify Other Species	7.1 Study Summary and Animal Use Rationale

Click the link again to hide Error/Warning Messages.

# **Completion and Submission: A Two-Part Process**

All applications in ARC follow the same basic procedure for submission:

- 1. Complete the application: The PI and Study Staff create and complete the application SmartForm. The application remains in your Inbox.
- **2. Submit the application**: The PI submits the completed application for review. Submission moves the application from your Inbox to the next State.

## Part 1 - Complete the Application

When a study is created, it starts out in the Pre-Submission State. In this State, all Study Team members can work on the study SmartForm, attach documents, and save changes. They can access the study by selecting **Edit Study** on the main workspace.

Before submission, all study team members should verify that the personnel certification information displayed on section 1.3 of the application is current.

## Part 2 - Submit the Application

After the study SmartForm is complete, it can be submitted for initial review. The first stage of the review process for new studies and modifications is *Veterinary Review*.

#### **Veterinary Review**

1. To submit the initial study, the PI or Secondary Study Contact will open the application Workspace and click **Submit Study For Veterinarian Review** under *My Activities*.



- 2. *ARC* will run a final validation check on the entire application before submission. If there are any required fields that have been left blank, they will be indicated and your application will not be submitted. The application must be error-free before it can be submitted.
- 3. After the application has been submitted, it moves from the Pre-Submission State to the next State: Veterinarian Assignment. Once submitted, it cannot be edited (unless changes are requested by a reviewer and it is returned to the Study Team Inbox).

While in *Veterinary Review*, a veterinarian(s) will review your application and may suggest revisions or request additional information.

#### **Submitting to IACUC**

After the veterinary review has been completed, the study will be returned to the study team's Inbox.

- 1. If the veterinary reviewer has not requested any revisions, the study can be submitted to IACUC for review via the **Submit for IACUC Review** activity. **Only the Principal Investigator for the study can submit the initial study to IACUC for review**.
- If additional revisions have been requested by the veterinarian, the study team may need to address these questions and submit the study back to veterinary review (see responding to revisions section for more details). After answering the reviewer notes, the PI or study coordinator should select Submit Study for Veterinarian Review.



# **IACUC Review and Approval**

After the study has been submitted to the IACUC, it may be reviewed at an IACUC meeting or by a designated member of the IACUC committee. In both cases the ARC system will provide system notifications regarding the status of the application.

## **Progress Notifications**

*ARC* automatically sends e-mail notifications to the study team when significant events occur in the review process. Be sure to keep your e-mail address current in the *ARC* system. To change your e-mail address, see Account Changes on page 3.

The Study team will receive e-mail notifications at the following times:

- Requests for information or changes to the application.
- Official actions from the IACUC (i.e., when the application is scheduled for a board meeting, once an application is approved/disapproved, etc.)
- When studies are due for Continuation

You can also check the progress of your application at any time by checking the **History** log or your study's **state**.

### **Respond to Requests for Revisions or Information**

Throughout the review process, your application may be returned with requested revisions or information. When revisions are requested, the application will return to your Inbox for revision. To access the application:

- 1. Click the study Name in your ARC Inbox to open the application workspace.
- 2. Under the **Reviewer Notes** tab, you will find all notes that have been added to the study. Each note provides a **Jump To** link that will take you to the page where the requested change needs to be made.

Hist	ory	Attachments	Ancillary	Review Status	Change Log	Reviewer Note	es		
	Filter	by Type	•		0	Go Clear Advan	ced		
Т	ype						Reviewer	Date Created	Date Modified
<mark>□</mark> } J	Veterina ump To	1.1 Study Ider	equest				Coach Ernie	4/11/2012 3:00 PM	4/11/2012 3:00 PM
n	ote 1								
	Resp	onse Required	Click here	to respond					

3. Respond to each change requested. Some changes may require changing your answer to a question in the SmartForm in addition to answering the note.

<< Back	Save   Exit   Hide/Show Errors   Print   Jump To:	- 1.1 Study Identifica	tion 👻	Continue >>
Reviewer Note     Next				
Filter by Type -	Go Clear Advanced			
Туре		Reviewer	Date Created	Date Modified
Veterinarian Change Request		Coach Ernie	4/11/2012 3:00 PM	4/11/2012 3:00 PM
note 1           Image: Response Required!         Click here	e to respond			

- 4. Be sure to **Save** before you **Exit** the SmartForm.
- 5. When the Study Staff have completed all of the requests in the application workspace, you will need to **Submit** the requested revisions. The name of the activity will depend on who asked for the revisions (e.g. **Submit Responses to IACUC** or **Submit Study for Veterinarian Review**.)

	History	Attachments	Ancillary Review Status			
Pending Ancillaries	A	Activity				
No Pending Ancillary Approvals	VET	VET Changes Recommended by Veterinarian				
My Activities	🗊 5 Reviewer Notes Logged.					
ss Submit Study for	VET A	Assigned to Frasier Crane				
Veterinarian Review	SS	Study submitted for Veterinarian Review				
	(i) (i	Study Created				

After you have submitted your response, the application will no longer be displayed in your Inbox because it has moved to the reviewer for further review. However, it will be listed under the **IACUC** tab on your home page, where you can view a read-only copy.

#### **Approval Letter**

When the IACUC has approved your study, you will receive an e-mail notification of approval. The approval letter will also be available in the study Workspace.

To view the approval letter in ARC:

1. On your home page, click the **Approved Studies** tab.

l Di	Inbox         IRB         IACUC         Approved Studies         Profile         COI           Displays all items which require action by the study team. Click on links for more information.         Coi         C							
	Filter by	ID	•		Go	Clear Adv	anced	
	ID	Name		<ul> <li>Date Modified</li> </ul>	Туре	Owner	State	Last State Change
	F IC00000021	2013 Review for IS	00000087	6/13/2012 3:33 PM	IACUC Continuation	Simms (PI), Rebecca M	1. Pre Submission	6/13/2012 2:48 PM
	] IS00000108	asdf		6/11/2012 9:20 AM	IACUC Study		1. Pre Submission	6/11/2012 9:10 AM

#### 2. In the Approved Studies folder click the study name.

Inbox IF	RB IACUC	Approved Studies	Profile COI		
Filter	rby ID	•	Go Clea	Advanced	
ID	Name			Date Modified	State
IS0000088	Surgical Techr	niques in Nonhuman Prin	nate Cataract Surgery 2	6/22/2012 10:46 AM	18. Approved
IS0000092	Targeting cano oxygen	er with calorie restriction	n, ketogenesis and hyperbaric	6/21/2012 9:14 AM	18. Approved

3. In the study workspace, the summary panel will now display a link to view the Letter of Approval. Click on file next to Letter of Approval (3).

Study: Mod/Continuation Testing (IS00000106)						
Additional Titles:						
Principal Investigate	or: Rebecca Simms (PI)	Secondary Study Contact(s):	Rebecca Simms (PI)			
Approval Date:	6/8/2012	Protocol Type:	VA ACORP			
Expiration Date:	6/8/2013	Letter of Approval:	View 3			

# **Modifications and Continuations**

After a study has obtained IACUC approval, you can create two sub-projects: modification and annual continuation applications. The activity buttons to create these applications are available from your approved study's main workspace. You can access your approved study's workspace under the **Approved Studies** tab of your homepage (pictured above in the Approval Letter instructions).

IACUC > Mod/Continuation Testing					
Current State	Study: Mod/Continuation Testin	<b>g</b> (IS00000106)			
18. Approved	Additional Titles:				
	Principal Investigator: Rebecca Simms (PI)	Secondary Study Contact(s):	Rebecca Simms (PI)		
View Study	Approval Date: 6/8/2012	Protocol Type:	VA ACORP		
Printer Version	Expiration Date: 6/8/2013	Letter of Approval:	View		
2 View Differences					
My Activities	History Modifications Continuations	Change Log			
	Activity	Author	<ul> <li>Activity Date</li> </ul>		
New Modification	Coor Reset Approval Period	Tortelli, Carla	6/8/2012 3:27 PM EDT		
Annual Continuation	Project Snapshot Generated	Tortelli, Carla	6/8/2012 3:27 PM EDT		
Tamalata asma	📝 View Project Snapshot				

Workspaces for study sub-projects are similar to the initial study Workspace. After a modification or annual continuation application has been created, it can be accessed in your Inbox until it is submitted for review. Modifications and Continuations follow the same general procedure of the initial application: 1) study teams complete the SmartForm and 2) submit the application for review.

### **Modification**

Modifications allow study teams to make changes to an already approved IACUC study. After creating a new modification by selecting **New Modification**, you will be routed to the Modification Smartform. There are two types of eIACUC Modifications: Amendment and Procedural Change.



Only one modification request is allowed at any given time, i.e. Modification 1 must be approved, denied or withdrawn before Modification 2 can be created. Written IACUC approval is required prior to implementing any changes to an existing IACUC study.

An **amendment** is limited to the following types of changes:

- A new or additional title
- A new or additional funding source other than federal or major agency sources
- A change in the certified research personnel other than PI
- Addition of another strain of the same species without a change in procedures or an increase in animal numbers
- An additional laboratory or a relocation of an existing laboratory for an approved activity outside of animal facilities

Selecting the amendment type requires that you indicate which type(s) of change you are requesting and will only allow edits to be made to these sections.

A **procedural change** can include any of the amendment types and any changes to the protocol which remain within the scope of the original research hypothesis, and involve the original species. After indicating a procedural change, you will be required to outline and justify all proposed changes. You will then be routed to the **Modified Study** to make changes directly to the initial study SmartForm.

As with initial studies, Modifications must be submitted to IACUC after the SmartForm has been completed. Amendments are submitted directly to the IACUC via the *Submit Amendment to IACUC* activity whereas Procedural Changes are routed to Veterinary Review via *Submit for Veterinarian Review*. **Only the Principal Investigator can submit the Modification to the IACUC for review**.

#### (Example Amendment)

IACUC > Procedural Change Guidance > Modification 4 for IACUC Study #IS00000188



#### (Example Procedural Change)

1. Pre Submission	Principal Investiga	ator: Rebecca Simms (PI)	Secondary Study Contact(s):	Rebecca Simms (PI)
Edit Modification	Protocol Type:	VA ACORP	Modification Type:	Procedural Change
Print-Friendly Modification	Date Created:	6/8/2012 4:10 PM	Date Submitted:	Unsubmitted
View Differences				
Edit Modified Study	History Attach	ments Reviewer Notes		
Edit Modified Study , Print-Friendly Study	History Attach	ments Reviewer Notes Author		Activity Date
Edit Modified Study Print-Friendly Study	History Attach Activity (3) Created M	ments Reviewer Notes Author Aodification Simme	(PI), Rebecca M 6/8	Activity Date 3/2012 4:10 PM EDT
Edit Modified Study	History Attach	Ments Reviewer Notes Author Modification Simme	(PI), Rebecca M 6/8	Activity Date 3/2012 4:10 PM EDT
Edit Modified Study	History Attach	ments Reviewer Notes Author	٦	Activity Date

### **Continuation and Study Closure**

Study teams are required to submit an annual continuation requesting the IACUC study remain open. The Continuation SmartForm is much shorter than the other projects and only requires you indicate the protocol will continue as approved. You can create a modification by selecting **Annual Continuation** from the approved study's workspace.

<< Back	Save   Exit   Hide/Show Errors   Print   Jump To: 1.1 - Continuation	Continue >>
🕤 Revie	wer Note	
Туре	Reviewer Date Created D	ate Modified
	There are no items to display	
	Continuation of IACUC Animal Use Protocol	CR 1.1
1.1.1	* Study Status:	
	<ul> <li>Protocol will continue as approved and requires IACUC Approval for Continuation Clear</li> </ul>	
	If you have completed all activities related to this protocol, or if the protocol will not be activated, click the back button and select "Request Study Closure" to close the protocol.	
	Animals ordered and maintained in support of this study cannot be used on or after the closure date. Animals maintained under a protocol scheduled for closure must be reassigned to an approved protocol prior to the closure date. In the event any animals have not been appropriately reassigned by the closure date, these animals will be placed in Comparative Medicine "care-taker status", not available for research use until resolution of non- compliance.	

Wildlife studies are routed to an additional page in the SmartForm requesting details regarding the number of animals encountered during the 12 month approval period. Once the SmartForm is complete, submit the Continuation via the *Submit Continuation* activity.

IACUC > Mod/Continuation Testing	> 2013 Continuat	ion for IS00000106		
Current State	Continuatio	n:2013 Continuation	n for IS00000106 IC	3_IS00000106
1. Pre Submission	Principal Invest	igator: Rebecca Simms (PI)	Secondary Contact	s): Rebecca GASTROENTEROLOGY Simms (PI)
Edit Continuation	Study Status:	Protocol will continue approved and requires	as	
View Differences		IACUE Approval for Continuation		
My Activities				
ss Submit Continuation				
SS WITHIN	History Cha	nge Log Reviewer Notes		
	Activi	ty	Author 🖸 A	ctivity Date
	Creat	ed Continuation	Drake, Cara 6/25	/2012 11:55 AM EDT

If you have completed your research or the study will not be activated, the Principal Investigator or Secondary Study Contact should select the *Request Study Closure* activity on the study's main workspace.

Current State	Study: 3/30/201	2 Testing Session	(IS0000087)	
18. Approved	Additional Titles:	Revision testing - Take 2		
	Principal Investigator	: Lilith Sternin-Crane	Secondary Study Contact(s):	Rebecca Simms (PI)
View Study	Approval Date:	6/13/2012	Protocol Type:	Research or Teaching
Printer Version	Expiration Date:	6/13/2013	Letter of Approval:	View
🔁 View Differences				
My Activities	History Modification	ons Continuations	Change Log	
	Activity		Author	<ul> <li>Activity Date</li> </ul>
	Modification Co	mpleted	Tortelli, Carla	6/13/2012 3:19 PM EDT
New Modification	Continuation O	pened	Simms (PI), Rebecca M	6/13/2012 2:48 PM EDT

The study team will need to indicate a reason for closure and for wildlife studies, the number of animals encountered or used. IACUC staff will be notified that you have requested your study be closed and will finalize the closure process.