

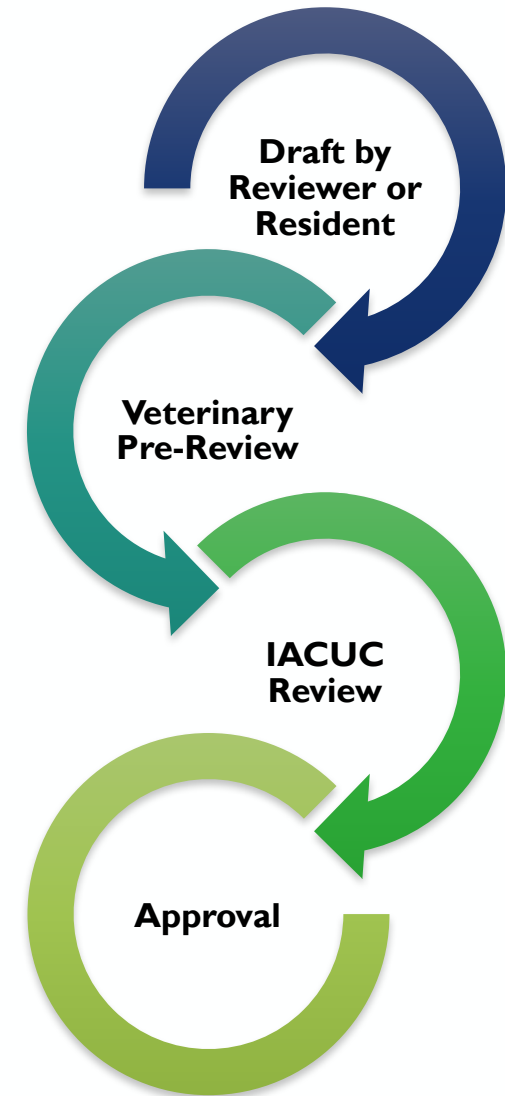
# **THEY'RE HERE!**

**Standard IACUC Procedures to Share  
Across Protocols & Institutions**

**Aubrey Schoenleben & Sally Thompson-Iritani, University of Washington  
68<sup>th</sup> AALAS National Meeting, 10.16.17**

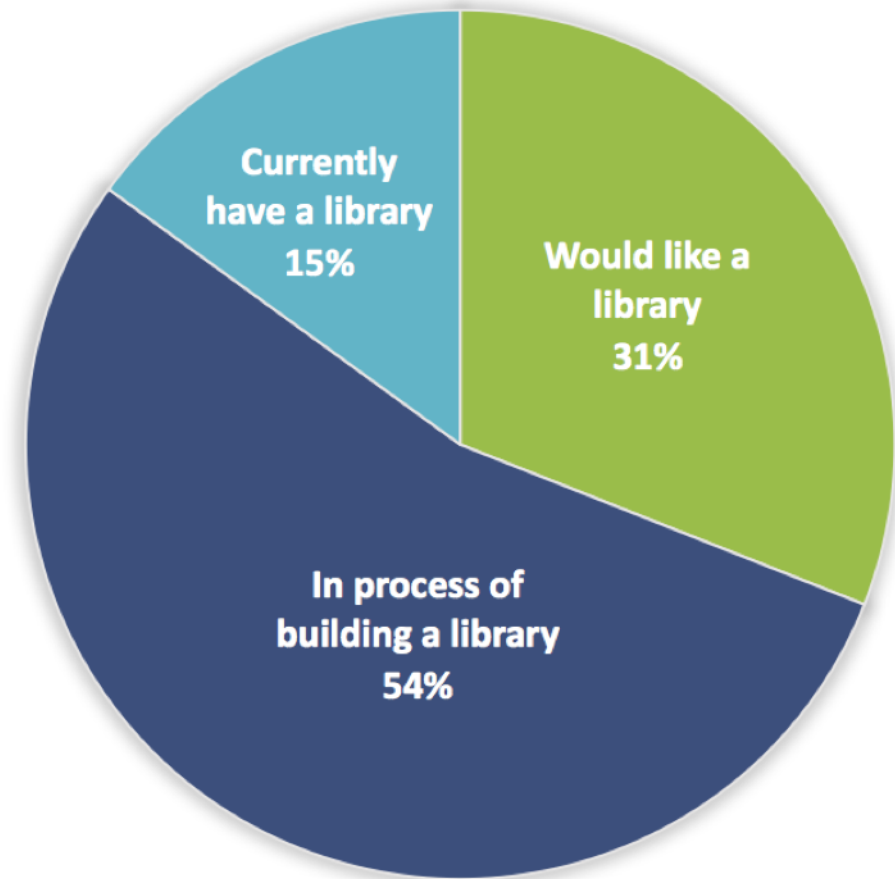
# **BACKGROUND:**

- Protocol preparation and review extremely time and effort intensive – creation of standard procedures topped UW researcher wish list.
- Transition to electronic protocol management system motivated development of standard procedures.
- Collaborative process for development and approval of standard procedures.
- Current library includes 897 standard substances and **656 standard procedures**



# IT'S NOT JUST US...

- Animal research regulations identified as a top source of administrative burden.
- 33% of investigators describe protocol review process as “unnecessarily complex and time consuming.”
- Identifying a mechanism to reduce the time and effort needed to create and review protocols would reduce this burden for researchers and IACUCs.



1. National Science Board. 2015. Reducing Investigators' Administrative Workload for Federally Funded Research. Retrieved from: <https://www.nsf.gov/pubs/2014/nsb1418/nsb1418.pdf>  
2. 21st Century Cures Act. January 2017. Retrieved from: <https://www.congress.gov/114/bills/hr34/BILLS-114hr34enr.pdf>  
3. Federal Demonstration Partnership. 2012. Faculty Workload Survey Research Report. Retrieved from: [http://sites.nationalacademies.org/cs/groups/pgasite/documents/webpage/pgasite\\_087667.pdf](http://sites.nationalacademies.org/cs/groups/pgasite/documents/webpage/pgasite_087667.pdf)

# CUSP SHARING SITE

CUSP = Compliance Unit Standard Procedure  
Partnered with Federal Demonstration Partnership (FDP)

## GOAL:

Create a repository where participating institutions can share standard substances and procedures used in animal care protocols.

# **BENEFITS:**

- Reduced administrative burden for researchers.
- Reduced administrative burden for IACUCs and IACUC staff.
- Support development of high quality animal care protocols.
- Provide consistency within and across institutions.
- Support knowledge sharing within the animal welfare compliance community.



# VISION:

An electronic site that includes standard substances and procedures that can be sorted, searched, filtered and displayed according to different attributes (e.g., species, procedure type, etc.).

## Compliance Unit S

**Disclaimer:**  
Information on this site is provided with the sole intent to inform. We do not  
expressly disclaim all liability for, damages of any kind, or for any loss or  
periodically updated, no guarantee is given that the information is  
to use.

**Contributing Institutions:** University of Washington

**Search:** buprenorphine

CUSP Document Library

+ New    ↑ Upload    ↻ Share

✓	ID	Name
	5	Analgesia, Buprenorphine (12 hours, v.1)
	7	Anesthesia, Isoflurane, Long Duration (v.1)
	8	Anesthesia, Isoflurane, Short Duration (v.1)
	10	Anesthetic Overdose, MS-222 (v.1)
	6	CO2 Followed by Secondary Method (10/1/17)
	9	Rotarod (v.1)

**TITLE:** Analgesia, Buprenorphine (12 hours, v.1)

**PROCEDURE TYPE:** Substance Administration

**SPECIES:** Mice

**DATE:** 10/1/17

**CONTRIBUTING INSTITUTION:** University of Washington

## PROCEDURE DESCRIPTION

Buprenorphine (0.05 mg/kg) will be diluted with sterile saline or water to the appropriate concentration and then injected subcutaneously (SC). Total injection volume will not exceed 10 uL/g of body weight. A single dose of buprenorphine will be administered to deliver up to 12 hours of analgesia.

If signs of pain are noted despite buprenorphine administration, or following this period, Veterinary Services will be consulted.

... Mice    Behavioral Test    7 minutes ago    ▢ Aubrey Schoenleben

# **SITE GUIDELINES:**

- Participating institutions have the opportunity and expectation to contribute.
- Each institution is expected to maintain their contributions as updates occur.
- Each procedure must be reviewed and approved by the individual institution's IACUC prior to use.
- The specific content of procedures would not be reviewed, approved, or endorsed by the regulatory agencies.



## **RECENT MILESTONES:**

- Formed working group to support project - currently consists of 65 members from 40+ institutions.
- Monthly meetings to formalize ideas on site design and function.
- Support for initial proposal to FDP Executive Committee

## **NEXT STEPS:**

- Final approval of proposal
- Site development and testing (pilot study)





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# **REDUCING BURDEN: OPTIONS & OPPORTUNITIES**

**Webinar with NABR**

**November 7, 2017 @ 9:30AM PST**

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# QUESTIONS?

**Want to help?**

Email Aubrey Schoenleben ([aubreys@uw.edu](mailto:aubreys@uw.edu)) or  
Sally Thompson-Iritani ([sti2@uw.edu](mailto:sti2@uw.edu))