

Idaho State University
IACUC
Minutes
Tuesday, June 11th, 2019 3:00 pm
Biology Conference Room

Present: Chair, Non-Scientist, Biology Scientist, IACUC Coordinator (non-voting), Assistant Vice President for Research Compliance (non-voting), Occupational Health Specialist, Community Member, Attending Veterinarian (via phone)

I. Review of minutes from June 4th, 2019:

Biology scientist moved approval with minor changes to wording; Occupational Health Specialist seconded: (5,0,0)

II. Educational Minute:

Part-revived pig brains raise slew of ethical quandaries -

<https://www.nature.com/articles/d41586-019-01168-9>; (tabled from last minute), Post publication problems article

III. Protocol Review

770: Using pheasants and chukar as grouse surrogates to measure remote sensing detection probability under field conditions

Re-Submission

- Side note: Issues with retroactive review
 - Can't retroactively approve
 - Research was done in 2016
 - IACUC Handbook states that discussion can be reopened on a protocol (9.3)
 - Non-compliant as there was not a protocol submitted before work began
 - What should transpire (consequence)
 - How to monitor fieldwork

- Will animals be inspected when crossing state lines?
- Please provide copies of permits
- Provide names of students on the protocol
- How is animal satisfaction with being in the new environment determined? Perhaps exclude this

- Provide a copy of journal requirements provided to you to the IACUC
- Euthanasia methods needs to be marked as acceptable with conditions (experienced personnel); Provide a secondary method of euthanasia
- What amount of mortality is expected?
- Consistency on time frame (# of mornings)

Designated Member Review to Biology Scientist with changes requested

778: Drug-induced hearing loss prevention using rats

Re-Submission

- Are stress and pain levels increased due to picking up animals and injection each day? Will enrichment be provided for acclimation to this stress?
- Hands on training with rats will need to be verified with Attending Veterinarian before work can begin
- Provide a secondary method of euthanasia

Attending Veterinarian exited the meeting

Designated Member Review to Attending Veterinarian and Chair

V. Adjourn

4:25 pm

Idaho State University
IACUC
Minutes
Monday, September 9th, 2019 1:30 pm
PSUB Portneuf River Room

Present: Chair, Non-Scientific Member, Biology Scientist, IACUC Coordinator (non-voting), Assistant Vice President for Research Compliance (non-voting), Community Member, Attending Veterinarian

I. Review of minutes from June 11th, 2019: Reviewed but could not vote as the committee is all new and none were present at the last meeting. No issues raised.

II. Educational Minute:

On hold: what to report after a study is halted?/The benefits of reporting/Not a suspension, but still reportable/A Word from APHIS and OLAW/No harm in picking up the phone and making the call (Lab Animal Vol. 48, Issue 8)

Did investigator follow their protocol? If faulty equip, not as serious but should be reported to OLAW. Equipment failure confirmed by another party. Does not absolve researcher from responsibility

III. Protocol Review

Attending Veterinarian recused for voting

779: Idaho State University Rodent and Frog Colony, Animal holding protocol Amendment

Biology Scientist moved approval; Non-Scientific Member seconded: (4,0,0)

- No mention of frogs, rabbits, birds or fish on protocol form (Discussion held pointing out that there is but amendments should be submitted to clarify)

(Will get amendment for rabbits and new protocols for other species)

Attending Veterinarian re-entered the meeting

VI. Other Business

- **Non-Compliance issue on protocol 772 (Chair to present)**

(note) AV should be contacted immediately when these incidents happen

- PI did not follow his own protocol as well as Facility SOP, the IACUC discussed this
- Animal Facility will provide timeline with documentation
- No more animals can be ordered until required training completed along with formal letter from PI explaining why this won't happen in the future (due October 7th)

Non-Scientist moved that no animals can be ordered until IACUC CITI training and letter have been submitted; Attending Veterinarian seconded: (5,0,0)

783: was submitted late. DMR will occur if no IACUC member requests FCR. PI will change to partially non-lab to compare samples (written in new protocol)

V. Adjourn

3:20 pm

Idaho State University
IACUC
Minutes
Monday, October 14th, 2019 1:30 pm
PSUB Snake River Room

Present: Chair, Non-Scientific Member, Biology Scientist, IACUC Coordinator (non-voting), Assistant Vice President for Research Compliance (non-voting), Attending Veterinarian

I. Review of minutes from September 9th, 2019: Rabbits on amendment, all others on another holding protocol to be submitted separately. Non-Compliance issues from last meeting (outcome) on protocol 772: the committee decided

Non-Scientist moved approval with changes; Attending Veterinarian seconded: (4,0,0)

II. Educational Minute:

A late notice & personal conflict – was suspension warranted?/Perception, deception, distrust – Oh My!/Bad blood: retraining in professional behavior needed for everyone/A Word from APHIS and OLAW/Conflicts of Interest: Lack of policy and/or of common sense (Lab Animal Vol. 48, Issue 9)

Communication is key when dealing with animal care, IACUC had COI. IACUC is responsible for facilitating research but following the rules.

III. Protocol Review

***777: Educational Outreach Amphibians and Reptiles
Amendments***

*Based on your previous discussion with the attending vet, please remove McKee's as a source of rodents and just add a Reputable Source list.

*Do the reputable sources need to have a system in place to ensure pathogen-free animals? Are frozen animals tested for pathogens? What, if any, pathogens that frozen animals could possibly transmit to animals on the protocol

Non-Scientist moved Designated Member Review to Attending Veterinarian and Chair; Attending Veterinarian seconded: (4,0,0)

An email sent to Pi about outside pathogens and removing the second bullet about source based on first on discussion with vet, an email was sent to the pi stating that McKees is not a reliable source for animals and an approved pathogen free source needs to be used.

(Note) 783: Antibody production in rabbits was approved via DMR

IACUC suggested as research protocol in add to teaching and numbers to be updated, PI agreed with changes & protocol was approved DMR after discussion by the committee via email.

VI. Other Business

- Program review update for November OLAW checklist to committee
- Animal Facility Walk-through scheduled for October 21, 2019 @ 10 am

VII. Animal Facility concerns:

HVAC still in progress, new cage washer

V. Adjourn

2:35pm

Idaho State University
IACUC
Minutes
Monday, November 11th, 2019 1:30 pm
PSUB Portneuf River Room

Present: Chair, Non-Scientific Member, Biology Scientist, IACUC Coordinator (non-voting), Animal Facility Manager (non-voting), Attending Veterinarian, Community Member

I. Review of minutes from October 14th, 2019: on protocol 772: “The committee decided” needs to be added; 777: email sent to PI about outside pathogens and removing the second bullet about source based on first on discussion with vet, an email was sent to the PI stating that McKees is not a reliable source for animals and an approved pathogen free source needs to be used. Also, a question asking what, if any, pathogens that frozen animals could possibly transmit to animals on the protocol. Pending approval with reply from PI. 783: IACUC suggested as research protocol in add to teaching and numbers to be updated, PI agreed with changes & protocol was approved DMR after discussion. Minutes should be commented upon by committee prior to the meeting.

Non-Scientist moved approval with changes; Biology Scientist seconded: (4,0,1)

II. Animal Facility Concerns

- Socially-Housed Animal SOP was updated following the Guide recommendation.

Non-Scientist moved approval with changes made by chair; Attending Veterinarian seconded: (5,0,0)

- Lab Diet: feed will not expire for 9 months as guaranteed by the manufacturer versus 6 months dictated by the guide

This is an Exception to guide (committee discussed)

Attending Veterinarian moved to approve LAB diet as the sole source diet for rodents housed in the facility as an exception to guide with the 9 months vs 6-month expiration being accepted; Biology Scientist seconded: (5,0,0)

III. Program Review

- *Sections of the OLAW checklist assigned to committee members covering the program review*

IV. Other Business

- Facility Walk-Through letter
Paint timeline from 3 months to 6 months

V. Adjourn at 3:00 pm

Idaho State University
IACUC
Minutes
Monday, December 9th, 2019 1:30 pm
PSUB Portneuf River Room

Present: Chair, Non-Scientific Member, Biology Scientist, IACUC Coordinator (non-voting), Attending Veterinarian, Community Member

Guest in attendance: Animal Facility Manager, Assistant Vice President for Research, Occupational Health Officer

I. Review of minutes from November 11th, 2019: Non-Scientist moved approval; Attending Veterinarian seconded: (5,0,0)

II. Protocol Review

- **771: *Drug-induced hearing loss prevention using zebrafish***
Amendment
 - A major issue large increase in numbers due to difficulty in collecting embryos, what are the issues and how can we better improve collection rates?
 - Is the increase in numbers justifiable? There are 5 different lines: original + 4 transgenic lines. How many will be used for each procedure? Where will the 180 per line be used? More clear description of where these numbers will be used needs to be added.
 - Would this be more appropriate for a new breeding protocol due to the number change and transgenic lines?
 - Needs a material transfer agreement - possibly will check with appropriate personnel.

Non- Scientist moved approval; no second: motion dies

Chair will contact PI and request that a n entirely new Protocol for breeding to be submitted and will not be an amendment.

Occupational Health Officer entered the meeting

- **784: Breeding, Husbandry, and Experimental Protocols for Investigations into the Development of Breathing Circuitry in Birds (Zebra Finch)**

New

- Linked to 749, as this protocol is soon to expire, he now submitted a new protocol with changes.
- Discussion on use of breathing chamber for hatchlings, stating that it is happening for a short period of time and limiting the stress to the animals.
- Discussed when hatching is occurring will it be observed, yes as the hatching can take up to one day and the incubators are monitored daily.

Attending Veterinarian moved approval; Biology Scientist seconded: (5,0,0)

Animal Facility Manager entered the meeting

III. Program Review

- *Sections of the OLAW checklist assigned to committee members covering the program review*

IV. Other Business

Possibly adding Animal Facility Manager to Committee in the future

- Update to Disaster Plan: update local authorities and correct I.O and other contacts
- HVAC update
- Cagewasher update: meeting next week.
- PI on study 781 euthanized animals as PI considered animals to be too small at the time and was limited on time. Chair to talk to PI after written description provided. Animals cannot be ordered until approval.

V. Adjourn at 3:30 pm

Idaho State University
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Minutes
Monday, January 13th, 2020 1:30 pm
PSUB Snake River Room

Present: Chair, Non-Scientific Member, Biology Scientist, Attending Veterinarian, IACUC Coordinator (non-voting)

Guest in attendance: Assistant Vice President for Research

For future agenda:

- An issue about animal use in classrooms (informal) The committee hasn't talked about how to handle this)
- Return of educational minutes to agenda
- Update the committee on the PAM process

(note) minutes not to be changed until loaded into "Committee Send Outs" folder (cutoff for noon of meeting)

I. Review of minutes from December 9th, 2019: Non-Scientist moved approval; Attending Veterinarian seconded: (4,0,0)

II. Protocol Review

- **785: Meridian Zebrafish Facility Husbandry and Breeding**
New; in lieu of 771 Breeding Amendment from Dec. 9th meeting
 - In the section on summary of lit search, remove the content from the start of the statement up to "Also, a search of...". All content from there on should be retained.
 - Add students' names to the front page of the protocol
 - Emails to be sent by AV or Chair after phone conversations with PI

Biology Scientist moved DMR to Chair, Non-Scientist seconded: (4,0,0)

- **(note) 771: Educational Outreach Reptiles and Amphibians**
Amendment send to committee and check for DMR
- **786: Raven Egg-Oiling and Nest Monitoring**
New
 - Please provide a euthanization contingency plan

- What is the effect on raven population?

Note: Field protocol consultant to be at meeting where this is voted on

- References need to be added
- Please provide a power analysis
- Provide assurances that drones won't affect animals being studied or other species
- Register drone with ISU (contact Asst. VP for Research Compliance)
- Please provide more detail on the oiling procedure (how are eggs ensured fully coated?)

Biology Scientist moved major modifications; Attending Veterinarian seconded: (4,0,0)

- **(note) 777: Educational Outreach Amphibians & Reptiles**

Amendment approved via DMR

III. Other Business

- Update on facility HVAC and Cage Washer
 - HVAC going back to bid. North side removed. Project to start in March
 - Cage Washer still on track, meet next week to discuss installation
- Non-compliance letter discussion for protocol 771
- Preliminary letter sent to OLAW
- Next letter to be sent from the IO
 - No animals harmed
 - No oversight in Meridian
 - Consequences?
 - INBRE will receive notification along with PI from U of I
 - PI needs directives
 - Probationary status?
 - Animals cannot be used for research?
 - Take animals away?
 - Add camera for oversight?
 - PI will retake CITI basic and zebrafish modules and OLAW (webinar) zebrafish training
 - Daily sheets (hand-written) used and submitted to Animal Facility Manager weekly
- Our Community Member has resigned for personal reasons; a search for new Community Member has begun
- A request for public information has been submitted: meeting minutes, letters (Chair, Assistant VP for Research Compliance and Committee Coordinator to discuss what can be passed along)

V. Adjourn at 3:07 pm

