

IACUC Meeting Minutes

October 2, 2020 via video conferencing because of COVID-19

ATTENDEES

Member	Yes	Alternate Member	Yes
████	x	████	
████		████	
D. C.	x	████	
D. F.	x	████	x
████	x (left at 4:17)	████	
████	x		
████	x		
████	x		
████	x		
████	x (left at 3:05)		
████	x		
████	x		
████	x		

Guests invited: █████, █████, █████

The meeting began at 2:05 p.m. and adjourned at 4:23 p.m. A quorum of 11-12 voting members was maintained.

ANNOUNCEMENTS

Introducing members █████ and █████

AGENDA ITEMS

Item	Outcome
May 29, 2020 meeting minutes	Motion to approve the May 29, 2020 meeting minutes. Previous minutes approved Vote: For = 12, Against = 0, Abstentions = 0
Update on March 2020 facility inspection █████ quarantine pool 1 minor deficiency	Motion to extend the date for █████ Q1 pool shade cloth replacement to next IACUC meeting December 4, 2020 and the chair writes a letter to the █████ facilities manager that the pool should not be used until it's fixed, they should fix it as soon as possible, report to iacuc@ucsc.edu when fix has been completed, and they should put give deadlines associated with the animal care and use program the highest priority. Vote: For = 12, Against = 0, Abstentions = 0

<p>Apr.–Sep. 2020 semiannual report - includes program review and inspections</p>	<p>The IACUC discussed the semiannual report including:</p> <ul style="list-style-type: none"> • IACUC will investigate alternatives to non-pharmaceutical grade chemicals related to protocols of PIs [REDACTED] and [REDACTED] • For continued monitoring of [REDACTED], the IACUC discussed housing methods of animals on site for [REDACTED] and will request an update from investigators <p>The IACUC discussed possible improvements to the program:</p> <ul style="list-style-type: none"> • A communication plan for leadership communicating with investigators in the event of a disaster • Pilot program for post approval monitoring of surgeries – the vet to meet with 1 investigator by the next meeting • Strongly recommending CITI Wildlife course for investigators of wildlife projects. ORCA will include changes to iacuc.ucsc.edu reflect this and include in newsletter to PIs and researchers. <p>The IACUC viewed videos provided by SeaWorld for USDA-covered animals at SeaWorld San Diego from short transfer for emergency fire evacuation.</p> <p>The IACUC discussed the facility inspection findings, and identified deficiencies, classification of deficiency, plan for correction of deficiency, and planned date for correction of deficiency.</p> <p>IACUC discussed confusing labels on buprenorphine bottles. Attending Veterinarian to investigate issue and re-evaluate policy at future meeting.</p> <p>Motion to approve the deficiency.</p> <p>Vote: For = 12, Against = 0, Abstentions = 0</p> <p>Motion to approve the semiannual report.</p> <p>Vote: For = 12, Against = 0, Abstentions = 0</p>
<p>Scenario for IACUC approval of NSF funded animal work that isn't currently being conducted (like seasonal field studies, no captive animals)</p>	<p>The IACUC discussed this scenario: If NSF funded vertebrate animal work isn't currently being conducted (the animal work isn't continuous like seasonal field studies, no captive animals) whether or not a PI must have an approved IACUC protocol when there's no animal work being done under the award at that time. The IACUC noted that vertebrate animal work must not be conducted without IACUC approval and IACUC protocols are active until they expire 3 years from approval date.</p>
<p>Biosafety review for NOAA NMFS SWFSC protocols</p>	<p>NOAA NMFS SWFSC does not have a Biosafety Officer. UCSC Biosafety Officer will continue to review biosafety for NOAA NMFS protocols. UCSC Biosafety Officer will discuss with EH&S Director.</p>

Research update re [REDACTED]	The IACUC reviewed research update on novel instrument from investigators regarding [REDACTED] (USDA-covered species).
Updates from ORCA	<ul style="list-style-type: none"> • ORCA director presents option of inviting researchers to IACUC meeting for dialogue vs IACUC sending a letter. The IACUC recommends phone call as another method of communication. • ORCA director presents an example of MOUs, IIAs, and vendor agreements for subawards. • ORCA director discusses recent information and audit requests.
Updates from the Attending Veterinarian	<ul style="list-style-type: none"> • Discussed animal care and use during the wildfires. • Notified committee of captive harbor seal mortality due to natural cause. • Recapped USDA inspection. • Reviewed reference documents for best practice of telemetry devices on pinnipeds and cetacean tagging from R.H. ORCA will include reference documents on iacuc.ucsc.edu.
Discussion of [REDACTED], [REDACTED] (USDA-covered species)	<p>Motion that superficial tissue sampling of large pinnipeds is Pain and Distress Classification C.</p> <p>Vote: For = 11, Against = 0, Abstentions = 0</p>

Next IACUC Meeting: December 4, 2020

IACUC Meeting Minutes

December 4, 2020 via video conferencing because of COVID-19

ATTENDEES

Member	Yes	Alternate Member	Yes
[REDACTED]	x (left at 3:30)	[REDACTED]	
[REDACTED]		[REDACTED]	x
Dave C.	x	[REDACTED]	
David F.	x	[REDACTED]	x
[REDACTED]	x (left at 3:30)	[REDACTED]	
[REDACTED]	x (left at 3:30)	[REDACTED]	
[REDACTED]	x	[REDACTED]	
[REDACTED]		[REDACTED]	
[REDACTED]	x	[REDACTED]	
[REDACTED]	x (arrived at 2:30)	[REDACTED]	
[REDACTED]	x	[REDACTED]	
[REDACTED]	x	[REDACTED]	
[REDACTED]	x	[REDACTED]	

Guests invited: [REDACTED], [REDACTED], [REDACTED]

The meeting began at 2:03 p.m. and adjourned at 4:09 p.m. A quorum of 8-12 voting members was maintained.

ANNOUNCEMENTS

No announcements.

AGENDA ITEMS

Item	Outcome
October 4, 2020 meeting minutes	Motion to approve the October 4, 2020 meeting minutes. Vote: For = 11, Against = 0, Abstentions = 0
Update on September 2020 facility inspection deficiencies	Discussed resolved deficiencies. AV's investigation of pharmaceutical labeling is that UCSC IACUC policy is consistent with requirements. Note the minor deficiency in Semiannual Report April–September 2020 “confusing labels on buprenorphine bottles” was not corrected on site - plan for correction was to label pharmaceutical drugs according to UCSC IACUC Policy on Labeling Dilutions of Pharmaceutical Compounds Used in Animals and correction date was

	<p>assigned December 4, 2020 – the minor deficiency was corrected on November 23, 2020.</p> <p>Motion to extend shade cloth re-installation.</p> <p>Vote: For = 11, Against = 0, Abstentions = 0</p>
Discussion of new AVMA Guidelines	<p>2020 AVMA Euthanasia Guidelines discussed. The IACUC chair will write a letter to Business Operations that the guidelines have changed to CO2 30-70% volume displacement rate per minute and the IACUC would like this change implemented as soon as possible. ORCA will notify researchers using MS-222 that the IACUC would like acknowledgement of the 2020 guidelines recommending extending exposure time to 30 minutes, and if 30-minute time frame is problematic, then a second type of euthanasia such as pithing after anesthesia could be utilized. Bear in mind, the IACUC would now require special justification for using the old exposure time of 10 minutes and for PIs to fill out an amendment form and submit to iacuc@ucsc.edu.</p>
Updated documentation	<p>Motion to send SOPs to the AV and Vivarium Manager, including revised SOP on Elephant Seals.</p> <p>Vote: For = 11, Against = 0, Abstentions = 0</p> <p>Motion to accept the revised Policy on Research Animal Adoptions that includes under special circumstances, and with permission from the AV or designee, a permanent home at any American Zoological Association accredited zoo or aquarium is acceptable for permanent transfer.</p> <p>Vote: For = 11, Against = 0, Abstentions = 0</p> <p>Motion to blanketly accept changes to the protocol, amendment, and annual update forms.</p> <p>Vote: For = 11, Against = 0, Abstentions = 0</p> <p>ORCA shared changes to the IACUC Reviewer Checklist with the IACUC.</p>
Updated disaster plans	<p>Motion to approve the updated [REDACTED] Vivarium and [REDACTED] Campus disaster plans.</p> <p>Vote: For = 11, Against = 0, Abstentions = 0</p>
Discussion of protocols designated to members for review	<p>The IACUC discussed the pain and distress classification for [REDACTED] zebrafish.</p> <p>Motion to accept SOP for [REDACTED] Lab Zebrafish Labeling as an exemption to policy, acknowledging that the policy is for other animals.</p>

	Vote: For = 11, Against = 0, Abstentions = 0
Discussion of next semiannual inspections during time of COVID-19	If there is not a shelter-in-place order, for March 2021, the IACUC would like to continue to do in-person facility inspections—PIs will be notified that presence of PI, or assigned post doc or grant student familiar with the actual procedures to represent them, is optional. Due to COVID, the IACUC discussed possibly having only one inspector reviewing facilities.
Update on e-protocol	Cayuse IRB will be implemented after Cayuse IRB goes live. ORCA can continue to provide updates. [REDACTED] and [REDACTED] would like to be involved in the e-protocol project.
Drafted crisis response playbook	ORCA created and presented a playbook with communication plan for leadership communicating to investigators in the event of a disaster. The IO would like to be the point of contact in event of an emergency and the chair will be the representative from the IACUC. ORCA will coalesce emergency contact info for all PIs into a shared document. The playbook will be presented to the IO.
Recommendations for IACUC admin FY20 satisfaction survey responses	<ul style="list-style-type: none"> ORCA will post FAQ on iacuc.ucsc.edu: When writing a protocol, what does it mean to use language that a layperson can understand? ORCA will post submission timeline—estimated times on the how long it takes to receive IACUC feedback for a submission—on iacuc.ucsc.edu/forms
Updates from the Attending Veterinarian	<ul style="list-style-type: none"> animal not involved in research at the time dies, animal in good physical condition and under veterinarian care—USDA-regulated species the IACUC chair will follow-up with AV for pilot post approval monitoring visit via video conferencing (COVID-19) the IACUC discussed labeling and expiration dates of bleach and of ethyl alcohol – EH&S recommends labels with solution on all bottles, requiring date created/expiration date on diluted bleach (10% bleach has a 30-day shelf life) and not requiring expiration date on ethanol bottles

Next IACUC Meeting: February 5, 2021