



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the January 20, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Sandy Brown

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

I. Minutes of the December 16, 2020, meeting were approved as presented.

II. IACUC Office Report begin

A. [REDACTED] discussed compliance deficiencies and resolutions.

B. [REDACTED] announced to the committee that there were still inspections available to sign up for. [REDACTED] posted the remaining inspection dates in the Zoom Chat and asked that members review these opportunities and sign up in the chat.

III. Announcements & Issues

IV. Standing Subcommittee Reports

A. Dr. Gorman announced that the Policy Revision Subcommittee did not meet.

- B. Dr. Richter announced that the Public Perception of Animal Research website is still in the final review stages and they are working toward review by UCSD Leadership for approval.

V. Campus Veterinarian's Report

- A. Dr. Richter reported that research is actively ongoing and increasing, and the number of personnel onsite remains low. ACP is using a team approach, rotating teams, in an effort to avoid a potential spread. Dr. Richter also noted they continue with weekly testing and several employees have been vaccinated.
- B. Dr. Richter reported on the status of the [REDACTED] facility stating that the funds for this project have been allocated, and contractors are being interviewed. The timeline for completion is greater than 6 months as there is extensive mechanical engineering and HVAC System work needing to be done.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] reported there is still an uptick in Covid-19 cases, and they have new reporting requirements which can be found on Blink.
- B. [REDACTED] also mentioned that the IBC reported three animal-related injuries to the NIH Office of Science Policy, which included planned corrective actions. The NIH office responded and agreed with the IBC and IACUC suggestion for refresher training, and no additional action is required.
- [REDACTED] also shared that they will be presenting a poster entitled [REDACTED] to the USDA at the Biosafety/ Biosecurity Symposium.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

None

Amendment Applications

Item 1, [REDACTED] Approved
Item 2, [REDACTED] Approved
Item 3, [REDACTED] Approved
Item 4, [REDACTED] Modifications Required

Renewal Applications

Item 5, [REDACTED] Approved
Item 6, [REDACTED] Approved
Item 7, [REDACTED] Approved

Reciprocal Applications

None

Meeting adjourned at 10:48 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the February 17, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

- I. Minutes of the January 20, 2021, meeting were approved as presented.
- II. **IACUC Office Report begin**
 - A. [REDACTED] discussed compliance deficiencies and resolutions.
 - B. [REDACTED] also announced available semiannual inspections and asked for members to sign up. [REDACTED] asked members to sign up in the chat or email [REDACTED] or [REDACTED] with inspection date choice(s).
- III. **Announcements & Issues**
 - A. Dr. Michael Gorman introduced the newest IACUC member, [REDACTED], and shared a brief background.

- B. Dr. Gorman presented a draft of the 'UCSD Guidelines for Review of Animal Care Program (ACP) Standard Operating Procedures (SOPs) by the IACUC'. Dr. Gorman reminded members that the IACUC is charged with overseeing the Animal Care Program and is required to periodically review their SOPs. Dr. Gorman shared that the policy revision subcommittee reviewed current regulatory requirements in consideration of the proposed guidelines. Since this is not a formal IACUC policy, there was not a requirement to take a vote on the approval of these guidelines but all members expressed their support.
- C. Dr. Gorman presented proposed revisions to five IACUC policies addressing retrospective corrections on records. The intent is to amend the relevant policies, making it clear what the expectations are for record keeping, but not meant to reform how people are keeping records. The policy revision subcommittee met to discuss the proposed changes and Dr. Gorman presented the suggested language to include in the policies. The changes were voted on and approved by the IACUC.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met and discussed the policies reviewed above.
- B. [REDACTED] announced that Vice Chancellor Brown's changes to the Public Perception of Animal Research website have been completed and the site will now need to be reviewed by UCSD Leadership for final approval.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter reported that ACP is no longer able to acquire Buprenorphine SR and will need to switch to Buprenorphine XR (XR = extended release vs. SR = sustained release). Protocols will need to be amended, as dosages are not the same and the amendments can be reviewed by Veterinary Verification and Consultation (VVC). Dr. Richter noted that the new compound is easier to get, has a slightly longer expiration and thinner consistency, but is more expensive.
- B. Dr. Gorman would like a subcommittee developed to address Buprenorphine XR as well as review analgesic use in protocols. Additionally, Dr. Gorman would like the committee to explore if it is permissible for ACP to allocate smaller amounts of Buprenorphine XR to help offset the cost of the analgesic.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] reported that Covid case numbers on campus are steadily decreasing. [REDACTED] also reported that the vaccination clinic at RIMAC is up and running and communication will be sent on prioritization of campus employees eligible to receive the vaccine.
- B. [REDACTED] reported that the [REDACTED] lab is almost ready to start receiving animals. [REDACTED] also reported they received plans for the [REDACTED] project, and have started reviewing the scope and design, and will be meeting with design team to discuss the project.
- C. [REDACTED] presented an update on the cage wash safety assessment that the IACUC committee asked EH&S to complete. [REDACTED] provided a brief background of EH&S's role with campus safety and CAL OSHA's requirements for safety, as well as a timeline of the creation of the cage wash safety program to date. [REDACTED] presented the concerns and requirements originally requested, including training and regular equipment checks and documentation of such checks. [REDACTED] noted difficulties in obtaining training records and inspections logs, and once received, found areas needing focused attention. Dr. Gorman proposed a weekly meeting with EH&S, ACP, IACUC representatives and [REDACTED] for one month to mediate a resolution. [REDACTED] announced that it would be important to have lead people from each area and this focus group should concentrate on

what documentation is needed for the training and inspections. [REDACTED] also indicated that [REDACTED] would like to participate on behalf of ORA.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New

-None

Amendment Applications

Item 1, [REDACTED] Modifications Required

Renewal Applications

Item 2, [REDACTED] Approved

Item 3, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 11:21 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the March 17, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:01 a.m.

I. Minutes of the February 17, 2021, meeting were approved as presented.

II. IACUC Office Report begin

A. [REDACTED] discussed compliance deficiencies and resolutions.

III. Announcements & Issues

A. [REDACTED] announced the retirement of IACUC staff and Committee member, [REDACTED].

B. [REDACTED] initiated a discussion on the future of IACUC meetings and Semi-

annual inspections as restrictions start lifting with more in-person gatherings allowed on campus. Dr. Michael Gorman presented various options including a hybrid of some IACUC meetings held in-person and others remote. Various members offered other options for the IACUC meetings, as well as their preference for semi-annual inspections. The Committee will continue to discuss options in the coming months.

- C. [REDACTED] presented the updates to the IACUC's Euthanasia policy proposed by the Policy Revision Subcommittee. [REDACTED] highlighted the changes made to align with the AVMA guidelines on displacement rate of CO2 (previously approved by the IACUC) and the recommended immersion time of fish in anesthetic solution. The IACUC endorsed these changes, so the IACUC office will notify all researchers of this updated policy.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met to further discuss the protocol Question 12 help document but it has not yet been finalized.
- B. Dr. Phil Richter reported that the Chancellor is now reviewing the animal research website and we are awaiting his feedback.

V. Campus Veterinarian's Report

- A. Dr. Richter reported that the campus is starting to prepare for more people returning in the fall quarter as infection rates are declining and people are becoming vaccinated. He also reminded everyone to review their Covid research plans to ensure they include all lab members in advance of the approval to increase staff on campus.
- B. Dr. Richter announced that research is still ongoing, but there has been a decrease in animal numbers, which is a reflection of the ramp-down of research due to Covid.
- C. Dr. Richter reported that there is continued capital development with design, building, and renovations, with [REDACTED] as the most recent to be completed. [REDACTED]
- D. Dr. Richter also announced that the [REDACTED] facility continues to evolve and that ACP is working through the processes to be able to perform some [REDACTED] studies in the existing [REDACTED] facility.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] reported that the number of people allowed in buildings remains at no more than 25%. Masking and social distancing is still required; however, they are looking into ways to improve the graduate student training, which often requires people to be in closer proximity. More campus announcements on this to come.
- B. [REDACTED] noted that the construction of the [REDACTED] facility is ongoing and they are looking at a completion date [REDACTED]
- C. [REDACTED] reported that the ACP cage wash concerns discussed last month have all been addressed.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Modifications Required

Amendment Applications

Item 2, [REDACTED] Modifications Required
Item 3, [REDACTED] Modifications Required
Item 4, [REDACTED] Approved
Item 5, [REDACTED] Modifications Required

Renewal Applications

Item 6, [REDACTED] Approved
Item 7, [REDACTED] Approved

Reciprocal Applications

Item 1, [REDACTED] Approved

Meeting adjourned at 10:56 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the April 21, 2021 Meeting

Members Present:



Dr. Michael Gorman, Chair



Dr. Phil Richter

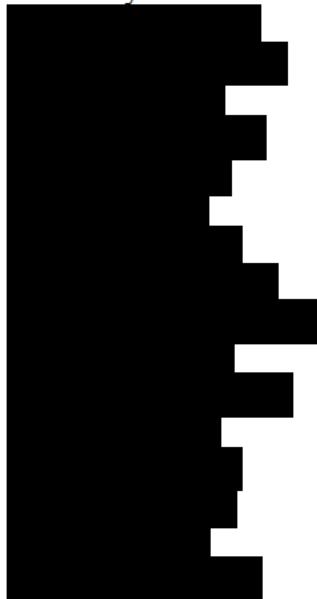


Members Absent:



Other Attendees:

Dr. Sandy Brown



Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

- I. Minutes of the March 17, 2021, meeting were approved as presented.
- II. **IACUC Office Report begin**
 - A. [REDACTED] discussed compliance deficiencies and resolutions.
- III. **Announcements & Issues**
 - A. Dr. Gorman presented to the committee the draft of the semi-annual program review including the OLAW checklist, and asked committee members to review for discussion at the May IACUC meeting.
- IV. **Standing Subcommittee Reports**

- A. Dr. Michael Gorman announced that the policy revision subcommittee members did not meet this month; rather, they used the meeting time for preliminary discussions of the semi-annual program review.
- B. [REDACTED] reported on the UCSD's Public Perception of Animal Research website. [REDACTED] announced that the communications office, academic cabinet, and chancellor all approved the website and announced the site could go live at any time. Dr. Phil Richter will announce to the committee when the site is live.

V. Campus Veterinarian's Report

- A. Dr. Richter reported there has been an increase in operational activities on campus as some restrictions have been lifted. Dr. Sandy Brown asked that everyone carefully read all announcements from the Chancellor for changes in campus plans, and stated that by fall, campus is expected to be at full capacity with students, faculty and staff. Over the summer, departments will be working with EH&S to finalize their return to campus plans. Dr. Brown also noted that the Covid variants are being watched closely for any impact on the campus and community at large.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] reminded everyone that although restrictions are being lifted, everyone is still required to wear masks whether vaccinated or not. [REDACTED] also announced that EH&S is implementing biohazard control plans similar to the chemical hazard control plans, and SOPs and safety information will be documented through the online applications.
- B. [REDACTED] also announced they are working with COEM on updating the occupational health AB forms for animal exposure. COEM is switching over to a new EPIC data system and during the transition, they will be working to have many forms automated for online processing and approval. The system is to be up and running by the end of the year.
- C. The IBC oversight committee has been working on the [REDACTED] location. They are waiting on the IBC to approve and finalize the [REDACTED] biosafety manual. The plans for the [REDACTED] facility have been sent and reviewed by the high containment committee and will be moving forward with the facility soon.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New Applications

~None

Amendment Applications

Item 1, [REDACTED] Approved
Item 2, [REDACTED] Modifications Required
Item 3, [REDACTED] Approved

Renewal Applications

Item 4, [REDACTED] Approved
Item 5, [REDACTED] Approved
Item 6, [REDACTED] Approved
Item 7, [REDACTED] Approved

Item 8, [REDACTED] Approved
Item 9, [REDACTED] Approved
Item 10, [REDACTED] Approved

Reciprocal Applications

~None

Meeting adjourned at 10:52 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the May 19, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Sandy Brown

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

I. Minutes of the April 21, 2021, meeting were approved as presented.

II. IACUC Office Report

- A. [REDACTED] introduced the newest IACUC office [REDACTED],
- B. [REDACTED] discussed compliance deficiencies and resolutions.

III. Announcements & Issues

- A. [REDACTED] announced that the USDA Veterinary Medical Officer (VMO) contacted [REDACTED] yesterday and is in the process of conducting a remote full inspection. The inspector started reviewing IACUC records yesterday, and will begin to inspect

facilities this afternoon. Dr. Gorman presented to the committee the semi-annual program review checklist and asked for any comments, concerns or suggested changes before IACUC members are to sign the document for subsequent delivery to the Institutional Official, Dr. Sandra Brown. An IACUC member inquired if animal bites needed to be included. [REDACTED] and [REDACTED] responded that animal bites are reported to the NIH as necessary. There was a motion to accept the report as presented and all voted in favor.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced the policy revision subcommittee did not meet and therefore had nothing to report.
- B. Dr. Gorman announced that the public perception website has been given final approval at highest level of campus. Dr. Phil Richter announced that the final step is to publish the website.

V. Campus Veterinarian's Report

- A. Dr. Richter reported that the campus opening is going well and they are presently focused on the USDA inspection. Dr. Richter also reported that the work on the [REDACTED] facilities in [REDACTED] is continuing. Dr. Richter announced that the training and safety for these facilities will be led by EH&S / IBC.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] announced they are working to bring back more researchers and ensuring all personnel have the tools to return safely and understand campus expectations. Most researchers have completed their required return to campus documentation. [REDACTED] also announced the 50% capacity has ended; however, everyone is to continue observing 6 feet of separation. [REDACTED] announced that the campus facemask policy has been updated to reflect that fully vaccinated people are not required to wear facemasks outdoors. Campus is also now allowing fully vaccinated volunteers, ages 16 and over, to work at the university.
- B. [REDACTED] discussed the My Research Safety program that provides researchers the ability to manage their lab rosters, onboard staff, and help identify who is working in what labs should an emergency situation arise. The My Research Safety program also gives the person eligibility to access hazard control plans, make waste tags, be added to authorizations such as the animal protocol, BUA's, etc.
- C. [REDACTED] announced that during the pandemic there have been supply issues. Sharps containers are difficult to come by and there is a long lead time to receive. Some companies are sending alternative sharps containers, which are not medical waste containers and cannot be used in most instances. [REDACTED] also shared that campus is no longer able to obtain Buprenorphine SR, and Fatal Plus is still on backorder, but Ethiqs is available and in use.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Modifications Required

Amendment Applications

Item 2, [REDACTED] Approved

Item 3, [REDACTED] Modifications Required
Item 4, [REDACTED] Approved

Renewal Applications

Item 5, [REDACTED] Approved
Item 6, [REDACTED] Approved
Item 7, [REDACTED] Approved
Item 8, [REDACTED] Approved
Item 9, [REDACTED] Approved

Reciprocal Applications

Item 1, [REDACTED] Approved

Meeting adjourned at 10:52 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the June 16, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

I. Minutes of the May 19, 2021, meeting were approved as presented.

II. IACUC Office Report

A. [REDACTED] discussed compliance deficiencies and resolutions.

B. [REDACTED] announced that semiannual inspection signups are available and asked the IACUC members to sign up through Microsoft Teams or to email the IACUC with preferred choices. It was also announced that remote inspections will continue with the possible option of more in-person inspections in the future. Some members expressed an interest in resuming in-person inspections now, so the IACUC office staff will schedule accordingly on a case-by-case basis if all parties involved in the inspection are in agreement.

III. Announcements & Issues

- A. [REDACTED] presented the outcome of the remote USDA inspection that occurred May 18-20, 2021. [REDACTED] described how the inspection took place with a team on campus broadcasting the facility inspection remotely, while the other team reviewed records during the on-site team's transit between facilities. [REDACTED] announced that no non-compliant items were identified, and the USDA Veterinary Medical Officers offered several commendations at the end of inspection.

IV. Standing Subcommittee Reports

- A. Dr. Michael Gorman announced that the policy revision subcommittee met on June 9 and reviewed satellite facility definitions as well as discussed if our satellite facilities need to be re-designated based on regulatory language. It was determined that no changes to the IACUC's policy are needed at this time.
- B. Dr. Gorman announced that the subcommittee also reviewed the current state of affairs related to laboratory animal adoption procedures and policies. UCSD has no formal policy at this time, but the current adoption practices are successful and effective. Dr. Phil Richter alerted the committee about proposed regulatory changes regarding adoption of large classes of animals. The committee concluded there was no pressure to create a policy at this time and determined that it was better to wait until a specific regulatory mandate is in place.
- C. Dr. Richter announced the Public Perception of Animal Research website is ready to launch and he will inform the committee when that happens.
- D. Dr. Gorman announced a new subcommittee is being established to discuss improving the interaction between the IACUC and PIs, as a few PIs have expressed frustration regarding the protocol review process. Dr. Gorman and [REDACTED] met with a couple PIs to hear their grievances and listen to their suggestions, and the PIs then followed up with a recap of their discussion. This topic was discussed at the last Executive Subcommittee meeting and it was decided it would be useful for the IACUC to review some protocols, set some benchmarks, and assess the current practices to determine if any changes are needed. Dr. Gorman asked committee member to let him know if they wish to serve on the subcommittee.

V. Campus Veterinarian's Report

- A. Dr. Richter announced that ACP is preparing for the campus re-opening in September and was pleased to announce there have not been any Covid outbreaks. Currently, ACP has [REDACTED] and they are actively recruiting for more staff. Dr. Richter also announced that the animal population is close to pre-pandemic levels. Dr. Richter shared with the committee there are several new facilities and renovations underway.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] stated that EH&S/IBC are working on recruitment as they are short on staff and will adjust/extend some renewal deadline timelines, as needed.
- B. [REDACTED] announced that the [REDACTED] renovation has started, as well as others projects.
- C. [REDACTED] stated they continue to stay informed of Covid regulatory changes and monitor Cal/Osha closely for masking updates.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Modifications Required

Item 2, [REDACTED] Modifications Required

Amendment Applications

Item 3, [REDACTED] Modifications Required

Renewal Applications

Item 4, [REDACTED] Approved

Item 5, [REDACTED] Approved

Item 6, [REDACTED] Approved

Item 7, [REDACTED] Approved

Reciprocal Applications

Meeting adjourned at 10:00 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the July 21, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Members Absent:

[REDACTED]

Dr. Phil Richter

Other Attendees:

Dr. Sandy Brown

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

I. Minutes of the June 16, 2021, meeting were approved as presented.

II. IACUC Office Report

- A. [REDACTED] discussed compliance deficiencies and resolutions.
- B. [REDACTED] also reminded members to sign up for the remaining semi-annual inspections.

III. Announcements & Issues

- A. Dr. Michael Gorman announced that [REDACTED] has stepped down as [REDACTED], but will continue as an IACUC member, and announced the new [REDACTED].

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision subcommittee did not meet.

- B. Dr. Gorman announced that the Public Perception of Animal Research website is ready and now just waiting for the site to go live. Dr. Phil Richter will provide an update at the next IACUC meeting.
- C. Dr. Gorman announced the new Subcommittee on PI and IACUC Relations which will be chaired by [REDACTED]. The initial meeting is being scheduled soon.

V. **Campus Veterinarian's Report**

- A. [REDACTED] announced that there are ongoing facility renovations, including [REDACTED] facility.
- B. Dr. Brown announced that there is an agreement between the Chancellor and the CFO to reinstitute the effort to have more buildings using the ACP centralized cage wash facility. This project was placed on hold, but is now moving forward.

VI. **EH&S/IBC Liaison Report**

- A. [REDACTED] reported the IBC continues to work through staffing shortages. [REDACTED] also stated that protocols are continuing to be reviewed but delayed along with adjustments to expiration dates.
- B. [REDACTED] announced that positive Covid cases are increasing on campus, with more break through cases of vaccinated people, which is preventing a ramp down of the Emergency Operations Center (EOC) during the summer.
- C. [REDACTED] also announced there have been additional complaints of people not wearing masks in the research areas and reminded everyone of the current campus policy that masks are required indoors, regardless of whether people are vaccinated, unless occupying an office with the door closed. Dr. Brown additionally stated UCSD has more conservative recommendations than the county and state, and will continue the most effective ways to stop the infection with daily symptom checking, wastewater testing, masking, and vending machine testing. Dr. Brown also announced they are tracking the federal, state and local patterns, as well as patterns on campus, health sciences, clinics, general campus and SIO. Dr. Brown recommended the committee members attend the Faculty and Research Town Hall on July 28th, which will cover the necessary steps required to have a fully open campus. Dr. Gorman inquired with Dr. Brown if there was a concern with UCOP's policy regarding the vaccination requirement and the workforce implications. Dr. Brown stated that there is a concern, however, the campus is ready to withstand a lawsuit if necessary, but also mentioned there will be a number of exemptions for those that are unable to be vaccinated.

VII. **Animal Protocol Application Discussion and Decision**

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

Renewal Applications

Item 1, [REDACTED] Approved
Item 2, [REDACTED] Approved
Item 3, [REDACTED] Approved
Item 4, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 9:35 a.m.


Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the August 18, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Sandy Brown

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

I. Minutes of the July 21, 2021 meeting were approved as presented.

II. IACUC Office Report

A. [REDACTED] discussed compliance deficiencies and resolutions.

B. [REDACTED] announced inspections signups for September through November are now available and to use Microsoft Teams, email, or Zoom chat box to sign up.

III. Announcements & Issues

A. [REDACTED] announced that the PHS Assurance has been approved. Additionally, at the request of OLAW, a tutorial on where to find the document was provided to all IACUC members.

B. [REDACTED] presented to the committee the updated IACUC Protocol Review Process policy that included changes to the Veterinary Verification and Consultation

(VVC) approval process to align with changes made to the PHS Assurance at OLAW's request. The IACUC reviewed and unanimously approved the changes.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met and worked on the updated IACUC Protocol Review Process policy as well as discussed the Use of Expired Medical Materials in Research Animals policy. ACP is currently working on the revision of the latter policy and will strive to have an update to review next month.
- B. Dr. Gorman announced that the Public Perception of Animal Research website will go live September 1st.
- C. Dr. Gorman announced the new Subcommittee on PI and IACUC Relations will have their initial meeting at the end of the week.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter announced that research is ongoing and continues to increase, and ACP is preparing for the Return to Learn on campus. Dr. Richter also announced that construction of new facilities is ongoing, and they are continuing with personnel recruitment efforts.
- B. Dr. Sandy Brown announced that plans are being finalized for the return to campus and each week new models are completed with support from [REDACTED] that help guide decision-making for these plans. Dr. Brown also announced that the current campus vaccination rate is 80%, and working toward an 85-95% vaccination rate. Dr. Brown shared there will be more in-person classes this fall and the indoor mask mandate will continue for some time. Dr. Brown also mention that laboratory leaders will have access to lab personnel vaccination status.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] reported they are preparing for the annual CUPA inspection. They will begin inspecting underground storage tanks and then campus inspections will follow. EH&S will send out notifications of all upcoming inspections.
- B. [REDACTED] also announced they are seeing an increase in delta variant break through cases. [REDACTED] reminded everyone to maintain distance between people, continue to wear masks, and to utilize the free testing kits available in the campus vending machines.
- C. [REDACTED] discussed an injury to a researcher while they were performing a tail vein injection. During the procedure, the restrained mouse moved forward and the researcher was stuck rather than the mouse's tail vein. The IBC reviewed this injury and discussed replacing or modifying the route, restraint, anesthesia, etc., as well as training personnel and recommending only experienced tail vein injectors complete hazardous injections. [REDACTED] presented to the committee various alternate restraint devices that secure the animals, but provide more protection to the researcher from potential sticks. [REDACTED] is asking the lab to test different restraint devices and finger devices using non-hazardous materials, to see how they could implement into their injection procedure and how they felt about the new device. [REDACTED] noted that EH&S is updating their LCMV Hazard Control Plan as well.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Approved
Item 2, [REDACTED] Modifications Required
Item 3, [REDACTED] Modifications Required
Item 4, [REDACTED] Defer
Item 5, [REDACTED] Defer

Amendment Applications

Item 6, [REDACTED] Approved

Renewal Applications

Item 7, [REDACTED] Approved
Item 8, [REDACTED] Approved
Item 9, [REDACTED] Approved
Item 10, [REDACTED] Approved
Item 11, [REDACTED] Approved
Item 12, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 10:44 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the September 15, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Sandy Brown

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

- I. Minutes of the August 18, 2021 meeting were approved as presented.
- II. **IACUC Office Report**
 - A. [REDACTED] discussed compliance deficiencies and resolutions.
 - B. [REDACTED] announced inspections signups for October and November are available and to use Microsoft Teams, email, or Zoom chat box to sign up.
- III. **Announcements & Issues**
 - A. [REDACTED] presented to the committee an incident reported by [REDACTED] regarding some rabbits on [REDACTED] protocol. In one cohort of rabbits, unintentional over-compression due to bandaging of the insensate foot (a routine post-operative procedure for their experimental model) resulted in symptoms that ultimately required humane euthanasia of three rabbits ahead of their intended terminal time point. The decision to euthanize was made based on close observation of animals by their lab and ACP personnel, and under the guidance of ACP veterinarians. In collaboration with UCSD ACP, they have developed

a strategy to mitigate the risk of such an outcome in the future, including standardization of training and standardization of specific bandaging reagents.

- B. [REDACTED] presented to the committee the 2021 Field study survey responses. There was one minor issue related to training but no other issues to report.
- C. [REDACTED] presented the revised PI Record Keeping Guidance that outlines IACUC policies and regulations that require formal record keeping.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met and discussed the revised PI Record Keeping Guidance. The members plan to discuss the Expired Medical Materials policy at the next subcommittee meeting and a draft will be available soon.
- B. Dr. Gorman announced that the Subcommittee on UCSD's Public Perception of Animal Research has completed its charge and the website is now live. Dr. Gorman also thanked [REDACTED] for [REDACTED] efforts on this committee.
- C. [REDACTED] updated the committee on the Subcommittee for PI and IACUC Relations. The subcommittee has met and is starting to work out the scope of this project. The subcommittee is initially looking at the way in which PIs are being asked for information in the protocol, specifically in Question 12. The subcommittee does not want to change the content, rather determine how to deliver the content effectively to the PI, as that seems to be the biggest frustration between the PIs and the IACUC. A prototype is being drafted and will be brought to the IACUC committee for review, comment, and approval. Longer term, the subcommittee is looking at sending out a survey to see the pros and cons on the current IACUC system that could lead to possible changes and improvement to the system in the future.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter announced that effort are being put forth to get campus ready for returning students. Dr. Sandy Brown stated that the administration has put structures and resources in place for faculty, students and staff to have an open campus during the pandemic. Dr. Brown is encouraging everyone to read all notices from the Chancellor, and for up-to-date information, log on to the website that provides detailed information for Covid-19 resources. Dr. Brown also announced UC San Diego campus is substantially below rates of positivity of new variants and the overall vaccination rate, prior to students moving in, was above 85%.
- B. Dr. Richter also announced that in addition to research, ACP continues to move ahead with new projects and recruiting new staff, although finding employees has been very challenging.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] reported the annual CUPA inspection has begun and they will be spending the next two weeks going through research space with the county inspector. [REDACTED] also reported the occupational health nurses cleared 177 new AB forms last month for people working in the vivaria and they are also struggling to recruit staff.
- B. [REDACTED] indicated that they are short-staffed in the [REDACTED] division and are also having difficulty recruiting new staff.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Approved – Drs. Richter, [REDACTED] recused themselves from discussion
Item 2, [REDACTED] Modifications Required
Item 3, [REDACTED] Modifications Required

Amendment Applications

Item 4, [REDACTED] Approved

Renewal Applications

Item 5, [REDACTED] Approved
Item 6, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 10:56 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the October 20, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Sandy Brown

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

- I. Minutes of the September 15, 2021 meeting were approved as presented.
- II. **IACUC Office Report**
 - A. [REDACTED] discussed compliance deficiencies and resolutions.
- III. **Announcements & Issues**
 - A. Dr. Gorman presented to the committee the draft of the semi-annual program review including the OLAW checklist. The committee members reviewed the various sections and voted to approve.
 - B. Dr. Richter's report is presented in the Veterinarian report below.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee did not meet this month; rather, they used the meeting time for preliminary discussions of the semi-annual program review.
- B. [REDACTED] announced that the Subcommittee on PI and IACUC relations has met 3 times and they are currently focused on updating the language in Question 12 of the protocol for more clarity as to what is being asked. [REDACTED] also shared that the committee has met with the IT group to discuss some initial changes to Question 12 such as bold type, bullet points, and additional space for longer text responses. These proposed changes will be brought to the IACUC committee next month for review and comment before deployment. [REDACTED] also announced that longer-term plans are to send out a survey to the research community to elicit feedback on their biggest problems, and consider amending the format in which questions are presented to the PI.

[REDACTED] also informed the committee that they are considering reviewing other institutions processes for possible incorporation into our system.

[REDACTED] suggested that the IACUC committee offer to help new PIs with responding to our protocol format so there is good understanding how to write the protocols.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter announced that activity on campus is going well and there has been a significant increase of people requesting vivarium and facility access. Dr. Richter also announced that there are multiple capital projects under way, including the changes to the [REDACTED] facility, which should be finished in [REDACTED]. Dr. Richter shared that for space in [REDACTED] reach out to [REDACTED] or [REDACTED] to begin applying for space.
- B. Dr. Richter announced that the data-sharing project between EH&S, IACUC and ACP is coming along. All groups have been working with ITS on creating a data pool and gaining access to the shared data.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] announced that EH&S and Center for Occupational Emergency Medicine (COEM) is hosting their annual flu clinic on 10/22/21 at [REDACTED] for ACP staff, police, Facility Maintenance staff that service vivarium that house flu research or any patient care area. For IACUC members and staff that complete semi-annual inspections, you can reach out to [REDACTED] or [REDACTED] for information about scheduling an appointment.
- B. [REDACTED] also announced that COEM is transitioning to using Epic. This change will affect how IACUC and EH&S co-manage those working with animals. The current process is to submit paper forms known as Forms A & B. The forms will now be available online and submitted through MyChart. This new process will streamline the submission process as well as improve confidentiality. [REDACTED] also asked the IACUC members for volunteers to test the online form submission process before the launch date, which is set for early December.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Modifications Required– Drs. Richter, [REDACTED] recused from discussion

Amendment Applications

~None

Renewal Applications

Item 2, [REDACTED] Approved

Item 3, [REDACTED] Approved

Item 4, [REDACTED] Approved

Item 5, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 10:19 a.m.

[REDACTED]

Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the November 17, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:02 a.m.

- I. Minutes of the September 15, 2021 meeting were approved as presented.
- II. **IACUC Office Report**
 - A. [REDACTED] discussed compliance deficiencies and resolutions.
 - B. [REDACTED] announced that Semi-Annual inspection signups for January –March 2022 are available and to sign up in chat, teams or email.
- III. **Announcements & Issues**
 - A. [REDACTED] presented to the committee a 5-minute training on animal protocol questions 1-9. This is the first in a series to review the regulatory background and motivation for each question in the animal protocol form. This will improve what information is expected from the principal investigator and clarification for the IAUC reviewer.
 - B. [REDACTED] informed the committee that the Semiannual Program Review letter to the IO would be sent to each of them via DocuSign and asked the

committee members to sign as soon as they are notified so the finalized letter can be sent to the IO.

- C. Dr. Gorman presented to the committee changes to Policy 32, Expired Medical Materials with Research Animals. The committee voted to approve the changes.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met to discuss and make changes to Policy 32, Expired Medical Materials with Research Animals.
- B. [REDACTED] announced that the Subcommittee on PI and IAUC relations met with the IT team to discuss options to question 12 in the animal protocol that could make clearer as to what is being asked. [REDACTED] presented the current version of question 12, then a modified version with some bolding to highlight key words or phrases, as the objective is to make the best changes with the greatest impact until longer term changes in the system are made. [REDACTED] also announced that [REDACTED] and the Animal Use Protocol System (AUPS) developer will be viewing a demo of another UC's commercial IACUC software to get ideas of how a particular enhancement might be added to our AUPS. [REDACTED] again announced that if anyone would like to join the committee to please let [REDACTED] know so they can attend the next subcommittee meeting in December.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter announced that ACP is working to maintain personnel and they are actively recruiting in a highly competitive market and looking to fill the animal purchasing and animal acquisitions position. Dr. Richter also discussed the issues they are having with onboarding new employees and obtaining facility access. They are looking at their whole process as well as collecting information from research teams to see what issues they are facing and how to better streamline the onboarding and facility access process.
- B. Dr. Richter provided an update on the completion of the [REDACTED] facility and discussed how space usage requests will be handled. The [REDACTED] facility is still under construction but is scheduled for completion around [REDACTED]. Dr. Richter described the steps involved to request space in the [REDACTED] as well as the requirements that need to be met before scheduling can take place. All requests will be reviewed and approved based on project needs and resources available. For competing assignments, ACP will take direction from academic research administration.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] provided an update on the [REDACTED] facility stating there has not been any animal work started as they are working with ACP for procedures and access. Additionally, the project to bring animals in to the building has been postponed due to annual maintenance. [REDACTED] noted that all [REDACTED] facilities are shut down annually for maintenance [REDACTED].
- B. [REDACTED] reminded everyone to submit their flu attestation and that Covid boosters are available and can be scheduled through users' MyChart.
- C. [REDACTED] announced that the IBC will be voting to extend the BUA approval dates for about 6 months to give more time due to staffing issues. They have hired three new positions for the biosafety team.
- D. [REDACTED] updated the committee on the AB form on-line submission system. The new online process will start December 1st and is equipped to track the three-year renewal dates as well. Mr. Scott noted that the paper forms will still be available for use until June 2022.
- E. [REDACTED] announced that they will be sending a holiday closure notice but they are

- expecting research to stay consistent during the break.
- F. [REDACTED] shared that the CUPA inspection is complete. The final report was received and they have responded. Biosafety wet lab research areas did well, but the biggest concern was some waste and processes at [REDACTED].

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

- Item 1, [REDACTED] Modifications Required
Item 2, [REDACTED] Defer - Drs. Richter, [REDACTED] recused from discussion
Item 3, [REDACTED] Modifications Required
Item 4, [REDACTED] Modifications Required - [REDACTED] recused from discussion

Amendment Applications

- Item 5, [REDACTED] Modifications Required
Item 6, [REDACTED] Approved

Renewal Applications

- Item 7, [REDACTED] Approved
Item 8, [REDACTED] Approved
Item 9, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 10:54 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the December 15, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Sandy Brown

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

I. Minutes of the October 20, 2021 meeting were approved as presented.

II. IACUC Office Report

A. [REDACTED] discussed compliance deficiencies and resolutions.

B. [REDACTED] announced that Semi-Annual inspection signups for January –March 2022 are available and to sign up in chat, Microsoft Teams or email.

III. Announcements & Issues

A. Dr. Gorman announced that Vice Chancellor Brown will be stepping down as of 12/31/21 and thanked her for her service as the Institutional Official.

B. [REDACTED] announced to the committee that a gift of appreciation for all the hard work and dedication will be delivered to each member electronically.

IV. Standing Subcommittee Reports

- A. [REDACTED] presented a detailed overview of the work of the Subcommittee on PI and IACUC relations, including proposed clarification of some of the animal use protocol questions to make it clearer to PIs what is required in various sections. [REDACTED] also presented an overview of the navigation within the entire protocol as well as the addition of a new link in the popup box with examples of how to address common amendments. The changes have been sent to the IT team for development with a tentative “go live” date in late January. [REDACTED] also invited IACUC members to join if anyone would like to participate in the next subcommittee meeting.

V. Campus Veterinarian’s Report

- A. Dr. Richter announced they are continuing to deal with staffing shortages and that [REDACTED]. The campus will be notified soon.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] thanked Dr. Brown for her service to EH&S.
B. [REDACTED] announced that Covid infection cases are increasing, reiterated the mask mandate that is now in effect in California, and reminded everyone to be vigilant so we can keep research going.
C. [REDACTED] also announced that there is still a liquid nitrogen shortage and they are working with the vendors to see what impact this has on San Diego.
D. [REDACTED] stated that EH&S will have holiday closures, but they will have coverage for any research needs as they are expecting research to be fairly consistent over the holidays.
E. [REDACTED] announced that they have added new staff to the Biosafety team. [REDACTED] is the new [REDACTED] will also be the representative at the system wide high containment committee. [REDACTED] also announced that a new biosafety member has been hired, however, they still need to recruit for one more position.
F. [REDACTED] noted that they are still working with ACP on the [REDACTED] location. They are currently determining who has access, as they need to limit who can go in the location due to oversight management, training, and knowledge of what is in the facility. They will work with ACP on documenting oversight

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Modifications Required

Item 2, [REDACTED] Modifications Required – Drs. Richter, [REDACTED] recused from discussion

Amendment Applications

Item 3, [REDACTED] Approved – [REDACTED] recused from discussion

Item 4, [REDACTED] Approved

Item 5, [REDACTED] Approved

Renewal Applications

Item 6, [REDACTED] Approved

Item 7, [REDACTED] Approved

Item 8, [REDACTED] Approved
Item 9, [REDACTED] Approved
Item 10, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 10:07 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the January 19, 2021 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Coir Peek-Asa

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:02 a.m.

I. Minutes of the December 15, 2021 meeting were approved as presented.

II. IACUC Office Report

A. [REDACTED] discussed compliance deficiencies and resolutions.

B. Dr. Michael Gorman provided a brief overview of the [REDACTED] compliance issues. [REDACTED] requested a meeting with the IACUC before finalizing [REDACTED] corrective action plan. Dr. Gorman, the IACUC office staff and a few IACUC members met with [REDACTED] and a few of [REDACTED] lab personnel to discuss all critical responsibilities, along with [REDACTED] responsibility of ensuring proper lab performance. After the meeting, [REDACTED] submitted [REDACTED] corrective action plan, which was deemed appropriate by the committee. Weekly inspections of the lab have been continuing and there have been no serious compliance findings. Dr. Gorman reminded the committee that the lab remains on probation and that assurance will be sought to confirm that lab personnel are aware of the

policy of not backdating records and that they are required to use the electronic/biometric scanner each time they enter the vivarium, even if they enter with others.

- C. [REDACTED] announced semiannual inspection signups for Jan and Feb and stated that due to the omicron variant and the increase in Covid-19 cases, inspections will be performed semi-virtually again.

III. Announcements & Issues

- A. [REDACTED] introduced Dr. Corinne Peek-Asa, the new Vice Chancellor of Research.
- B. Dr. Gorman presented to the committee the proposed changes to monitoring instrumented animals required in Policy 35, Surgery in Rodents, Birds, Reptiles, Amphibians and Fish. The committee voted to approve the changes to the policy.
- C. [REDACTED] announced that the controlled substance program went through a rigorous audit by AMAS last year after which enhancements to the controlled substances program were recommended. [REDACTED] discussed with [REDACTED], ideas to help increase communication so all investigators are aware of requirements for controlled substance authorization. Updated language to one of the PI Assurances in the animal use protocol as well as on the protocol approval letters was approved to help improve communications about the requirements.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met to discuss Policy 35, Surgery in Rodents, Birds, Reptiles, Amphibians and Fish as discussed above.
- B. [REDACTED] announced that the PI and IACUC Relations Subcommittee has finalized the initial changes to the protocol form that will launch on January 24th. Additionally, [REDACTED] presented the protocol form navigation and tip sheet to assist investigators with writing protocols and amendments.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter announced that the number of animals in research dropped at the beginning of the pandemic but they are now back up to pre-pandemic levels. ACP is experiencing staffing shortages due to the surge in Covid-19 and had over 30 cases in January alone, leaving ACP to triage many efforts. Dr. Richter also announced the animal purchasing coordinator position is still vacant so bringing animals in and out has been challenging.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] announced that N-95 and KN-95 masks are available through procurement and they are actively working with campus on additional distribution of masks through the bookstore or through the transportation hub for people to receive 3 or 4 masks at the onset.
- B. [REDACTED] also announced that in the vivaria there is a lot of airflow and good ventilation so the staff is well protected.
- C. [REDACTED] reminded everyone that supervisors and PIs should continue to check the Covid dashboard to ensure that students and staff are completing their symptom tracker each day and are cleared to be at work.
- D. [REDACTED] announced that they had a meeting with the [REDACTED] and ACP leadership to discuss how to move forward and clear ACP personnel to access the [REDACTED] facility. [REDACTED] announced the start date has been pushed to [REDACTED] as ACP staff is not cleared to enter and they need independent access at the start of research. Currently, ACP is only cleared for escorted access. These delays have caused

missed grant deadlines so EH&S, investigators, and ACP are working toward a path forward to initiate research but would like guidance from the IACUC to move this forward. [REDACTED] asked if there were any concerns from the IACUC with deputizing investigators to do husbandry and animal welfare oversight under the umbrella of ACP. Dr. Richter stated that ACP needs to have the access to be able to take care of animals as the need arises and is working with closely with [REDACTED] announced that [REDACTED] would like a pilot program started to work with someone already trained and have a proficiency test and then person is then signed off for independent access. [REDACTED] announced that limiting access is required as it is a high containment facility and they must manage who has complete access for safety and health of everyone.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Defer

Amendment Applications

Item 2, [REDACTED] Approved

Renewal Applications

Item 3, [REDACTED] Approved

Item 4, [REDACTED] Approved

Item 5, [REDACTED] Approved

Item 6, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 11:16 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the February 16, 2022 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Corinne Peek-Asa

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:03 a.m.

I. Minutes of the January 19, 2022 meeting were approved as presented.

II. IACUC Office Report

A. [REDACTED] discussed compliance deficiencies and resolutions.

B. [REDACTED] introduced the newest [REDACTED]

C. [REDACTED] announced semiannual inspection signups are available and beginning in March, in-person inspections will resume.

III. Announcements & Issues

A. [REDACTED] announced that two USDA inspectors arrived on campus February 8 and completed a routine full two-day inspection, which included all animal facilities and IACUC records. There were no non-compliant findings and the inspectors were very complementary of the protocol form and IACUC meeting minutes, as well as the

animals, facilities and semi-annual inspection reports. There was additional discussion on regulation updates including the requirement for contingency plans. Dr. Phil Richter shared ACP's current emergency plan and the inspectors stated the contingency plan must be reviewed and documented annually. The inspectors also announced that there are some additional veterinary care requirements for dogs, which will need to be implemented if we house dogs in the future.

- B. [REDACTED] presented to the committee a five-minute training on the purpose of the Animal Use Protocol Questions 11-13.
- C. Dr. Michael Gorman presented to the committee proposed changes to IACUC Policy 7, Surgery in Non-Rodent Mammals. The committee had no issues with the changes and voted to approve the updated policy.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met to discuss Policy 7, Surgery in Non-Rodent Mammals as discussed above.
- B. [REDACTED] provided an update from the Subcommittee on PI and IACUC Relations. [REDACTED] announced that an email highlighting all recent updates to the protocol form including the Protocol Tip Sheet was sent to the animal research community. [REDACTED] also announced that since the subcommittee has completed its intended actions, no further meetings will be scheduled while they assess how effective the current changes are and then will reconvene as needed.

V. Campus Veterinarian's Report

- A. Dr. Richter reported that January was a tough month with Covid, but as the university moves to open more, ACP and animal research is getting back up to speed. Dr. Richter announced they are no longer having as many people absent and are back to their more normal absence levels. Dr. Richter also shared that the animal census is back to the level of March 2020.

Additionally, Dr. Richter gave an update on current animal health cases and shared that there was an outbreak of gastrointestinal disease in the non-human primate population, which they were diagnosing and treating during the USDA inspection.

Dr. Richter also announced that there are new facilities continuing to be built, along with renovations of existing facilities for new species of animals. Additionally, the central cage wash system that was to be augmented to be able to shut down other peripheral cage wash systems to free up critical space was put on hold during the pandemic and is now being looked at again. Dr. Richter also reported that the [REDACTED] area is expected to be completed and operational by [REDACTED]

VI. EH&S/IBC Liaison Report

- A. [REDACTED] had nothing to report.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Modifications Required

Item 2, [REDACTED] Modifications Required - Drs. Richter, [REDACTED] recused from discussion

Amendment Applications

Item 3, [REDACTED] Approved

Item 4, [REDACTED] Modifications Required

Renewal Applications

Item 5, [REDACTED] Approved

Item 6, [REDACTED] Approved

Item 7, [REDACTED] Approved

Reciprocal Applications

-None

Meeting adjourned at 10:15 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the March 16, 2022 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Corinne Peek-Asa

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:01 a.m.

I. Minutes of the February 16, 2022 meeting were approved as presented.

II. IACUC Office Report

- A. [REDACTED] discussed compliance deficiencies and resolutions.
- B. [REDACTED] announced that signups for the March – May semiannual inspections are available.

III. Announcements & Issues

- A. [REDACTED] presented to the committee a five-minute training on the purpose of the Animal Use Protocol Questions 14-16.
- B. Dr. Michael Gorman presented to the committee proposed changes to IACUC Policy 32, Use of Expired Medical Materials with Research Animals. The changes incorporated language that expired intravenous (IV) fluids are not allowed for use in animals covered by that policy. The committee had no concerns with the changes and voted to approve the

updated policy.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision Subcommittee met to discuss Policy 32 and had nothing more to report.

V. Campus Veterinarian's Report

- A. Dr. Richter reported that animal research has been increasing and that the overall health of the animals has been steady.
- B. Dr. Richter shared that the [REDACTED] facility was scheduled to be open by [REDACTED] but the completion has been a bit delayed. The [REDACTED] is almost ready for high containment research so there is a bridge until the [REDACTED] facility is up and running.
- C. Dr. Richter also announced that campus is recruiting more faculty, renovations to various buildings are continuing, and a new species, [REDACTED], will be used by one of the [REDACTED] faculty members.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] reported that masking is still required indoors and will be reviewed after spring break to determine if masking requirements can be lifted.
- B. [REDACTED] announced that the IBC is reviewing the annual lab injury report which includes animal related injuries. The IBC is pulling that data and [REDACTED] will present to the IACUC as soon as it's ready. EH&S will review the bites that occur in labs and they will retrain the staff along with referring some to ACP to follow up on training and restraint reviews.
- C. [REDACTED] also announced they are working on campus getting back to normal, with new buildings being designed as well as the [REDACTED].
- D. [REDACTED] advised the committee that EH&S is continuing to work with COEM to get the Medical Surveillance Forms A & B online, with a beta test being completed in the next few months.
- E. [REDACTED] announced that there has been an issue with oxygen tank inventory. Empty oxygen tanks are counted as if they are full. [REDACTED] suggested that the PI who ordered the oxygen tanks makes sure the emptied tanks are removed to help the inventory be more reasonable and not overloaded.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

- Item 1, [REDACTED] Modifications Required - [REDACTED] recused from discussion
- Item 2, [REDACTED] Modifications Required

Amendment Applications

- Item 3, [REDACTED] Modifications Required
- Item 4, [REDACTED] Approved

Renewal Applications

- Item 5, [REDACTED] Approved

Reciprocal Applications

Item 1, [REDACTED] Approved

Meeting adjourned at 11:02 a.m.

[REDACTED]

Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the April 20, 2022 Meeting

Members Present:

[REDACTED]

Dr. Michael Gorman, Chair

[REDACTED]

Dr. Phil Richter

[REDACTED]

Members Absent:

[REDACTED]

Other Attendees:

Dr. Corinne Peek-Asa

[REDACTED]

Dr. Michael Gorman called the Zoom meeting to order at 8:02 a.m.

I. Minutes of the March 16, 2022 meeting were approved as presented.

II. IACUC Office Report

- A. [REDACTED] discussed compliance deficiencies and resolutions.
- B. [REDACTED] announced that signups for the March – May semiannual inspections are available.

III. Announcements & Issues

- A. [REDACTED] provided staffing updates for the IACUC office.
- B. Dr. Michael Gorman presented the draft of the semi-annual program review including the OLAW checklist, and asked committee members to review for discussion at the May IACUC meeting.

IV. Standing Subcommittee Reports

- A. Dr. Gorman announced that the Policy Revision subcommittee met and discussed the semi-annual program review as well as the contingency plan to protect animals during emergencies required by USDA.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter reported that animal operations are increasing with new facilities coming online and the [REDACTED] facilities moving toward completion. Dr. Richter also reported they are continuing to recruit staff.
- B. Dr. Richter announced that there are new USDA regulations for canines and felines in research so ACP is reviewing the new regulations.
- C. Dr. Richter also announced that birds will soon be covered by the USDA so there is currently a public comment period for the proposed animal welfare regulations for birds.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] announced they have hired staff to coordinate with COEM to pull data on animal bites and exposure injuries. A report will be presented at next month's IACUC meeting.
- B. [REDACTED] also announced that the radiation safety staff is training to help with the IACUC protocol review process.
- C. [REDACTED] mentioned that they continue to work on opening the [REDACTED] facilities.
- D. [REDACTED] shared they are working on fire codes and maximum allowable quantity (MAQ) compliance throughout campus.
- E. [REDACTED] also mentioned that although Covid numbers are down, please continue to monitor the campus dashboard and follow current masking guidelines.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

- Item 1, [REDACTED] Modifications Required
- Item 2, [REDACTED] Modifications Required

Amendment Applications

- Item 3, [REDACTED] Approved
- Item 4, [REDACTED] Approved

Renewal Applications

- Item 5, [REDACTED] Approved
- Item 6, [REDACTED] Approved
- Item 7, [REDACTED] Approved
- Item 8, [REDACTED] Approved
- Item 9, [REDACTED] Approved
- Item 10, [REDACTED] Approved

Reciprocal Applications

~ NONE

Meeting adjourned at 10:25 a.m.



Recorder



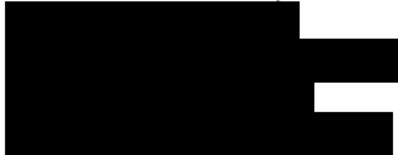
UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the May 18, 2022 Meeting

Members Present:



Dr. Michael Gorman, Chair



Dr. Phil Richter

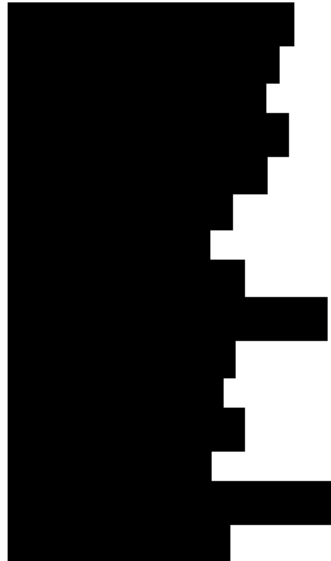


Members Absent:



Other Attendees:

Dr. Corinne Peek-Asa



Dr. Michael Gorman called the Zoom meeting to order at 8:05 a.m.

I. Minutes of the April 20, 2022 meeting were approved as presented.

II. IACUC Office Report

A. [REDACTED] discussed compliance deficiencies and resolutions.

B. [REDACTED] announced in person semi-annual inspection signups are available and to please sign up.

III. Announcements & Issues

A. [REDACTED] provided staffing updates for the IACUC office.

- B. Dr. Michael Gorman informed the committee that the Semiannual Program Review letter to the IO would be sent to each of them via DocuSign and asked the committee members to sign as soon as they are notified so the finalized letter can be sent to the IO.
- C. [REDACTED] presented changes to Policy 39, Protocol Review. There was a motion to accept and approve the changes and the motion was approved.

IV. Standing Subcommittee Reports

- A. Dr. Gorman had nothing to report.

V. Campus Veterinarian's Report

- A. Dr. Phil Richter announced his retirement at the end of June.
- B. Dr. Richter announced HPAI is sweeping across the country and is of concern, but not to humans. HPAI is coming from migrating birds and ACP is receiving daily updates from the USDA. [REDACTED] shared that HPAI has been seen in Washington and Oregon. As ACP performs the health care of [REDACTED], they have a plan prepared should it show up in our county. They are also working with California Food and Agriculture and the veterinarians are communicating with the Zoo and Safari Park.

VI. EH&S/IBC Liaison Report

- A. [REDACTED] announced reimplementation of masking for students in dorm spaces and instructional rooms, as well as on all UC San Diego transportation.
- B. [REDACTED] also announced that if you are 50 and older, you can get your booster vaccine through the return to learn vaccine website.
- C. [REDACTED] shared that you can order up to 8 home rapid kits through the US Government and that UCSD still provides testing at vending machines.
- D. [REDACTED] announced [REDACTED], and that [REDACTED] will be helping with the transition with [REDACTED] replacement.
- E. [REDACTED] shared that the medical surveillance program (Forms A&B) is now fully online. [REDACTED] also presented the workflow for these forms to the committee.
- F. [REDACTED] presented a report of lab and animal injury reports from 2021.

VII. Animal Protocol Application Discussion and Decision

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

Item 1, [REDACTED] Modifications Required – [REDACTED] was recused from discussion

Amendment Applications

Item 2, [REDACTED] Approved

Item 3, [REDACTED] Modifications Required

Renewal Applications

Item 4, [REDACTED] Approved

Item 5, [REDACTED] Approved

Item 6, [REDACTED] Approved

Meeting adjourned at 10:25 a.m.

[REDACTED]
Recorder



UNIVERSITY OF CALIFORNIA, SAN DIEGO
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

Minutes of the June 15, 2022 Meeting

Members Present:



Dr. Michael Gorman, Chair



Dr. Phil Richter

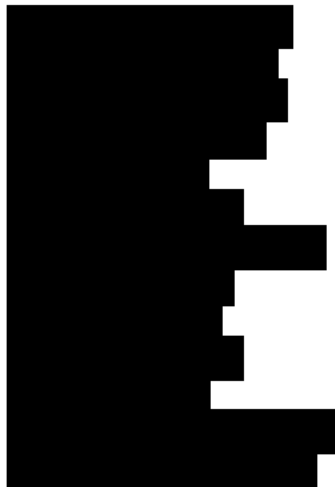


Members Absent:



Other Attendees:

Dr. Corinne Peek-Asa



Dr. Michael Gorman called the Zoom meeting to order at 8:02 a.m.

- I. Minutes of the May 18, 2022 meeting were approved as presented.
- II. **IACUC Office Report**
 - A. [REDACTED] discussed compliance deficiencies and resolutions.
 - B. [REDACTED] announced semi-annual inspection signups are available and to please sign up.
- III. **Announcements & Issues**
 - A. Dr. Corinne Peek-Asa thanked Dr. Phil Richter for his service and wished him well on his next adventure.
 - B. [REDACTED] presented a five-minute training about AAALAC site visits as we anticipate ours to occur this fall.
- IV. **Standing Subcommittee Reports**
 - A. Dr. Gorman had nothing to report.

V. **Campus Veterinarian's Report**

- A. Dr. Phil Richter reported on the regulatory requirement from the USDA to have a documented contingency plan for animals during emergencies. Dr. Richter announced that ACP's emergency response plan is complete.
- B. Dr. Richter announced they are preparing for the AAALAC site visit, ensuring all processes and procedures are in place. One process that is not finalized is the streamlining of the onboarding processes, but that is expected to be completed by July.
- C. Dr. Richter also announced a recurrent problem with cohousing immunocompromised animals with immunocompetent animals in one of the vivaria. ACP is working on a policy to avoid this in the future.

VI. **EH&S/IBC Liaison Report**

- A. [REDACTED] announced the Research Affairs upcoming Research Town Hall that will discuss the continued campus Covid response.
- B. [REDACTED] reported another needle stick that will be reported to the NIH.
- C. [REDACTED] also announced that the [REDACTED] facility is undergoing commissioning to verify all systems are working as intended. Additionally, they are working with ACP to onboard staff that will need to support the facility, and also hosted one in-person training that focused on management and working in the facility. A hands-on session with ACP staff and some researchers will be scheduled to test and work out any issues before live animal work can begin.
- D. [REDACTED] also announced that the Occupational Health Program to submit AB forms online has launched and they are also working on preparing reports for AAALAC.

VII. **Animal Protocol Application Discussion and Decision**

All Decisions below were unanimous unless noted.

Animal Protocol Application Discussion and Decisions

New/Rewrite Applications

- Item 1, [REDACTED] Modifications Required
- Item 2, [REDACTED] Modifications Required
- Item 3, [REDACTED] Approved

Amendment Applications

- Item 4, [REDACTED] Approved
- Item 5, [REDACTED] Approved
- Item 6, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion
- Item 7, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion
- Item 8, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion
- Item 9, [REDACTED] Modifications Required
- Item 10, [REDACTED] Approved
- Item 11, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion
- Item 12, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion
- Item 13, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion

Item 14, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion
Item 15, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion
Item 16, [REDACTED] Approved – Drs. Richter, [REDACTED] recused from discussion

Renewal Applications

Item 17, [REDACTED] Approved
Item 18, [REDACTED] Approved
Item 19, [REDACTED] Approved

Meeting adjourned at 10:25 a.m.

[REDACTED]
Recorder

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.		OMB APPROVED 0579-0036
This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.		Interagency Report Control No. 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE <h2 style="margin: 0;">ANNUAL REPORT OF RESEARCH FACILITY</h2> <p>(TYPE OR PRINT)</p>		REGISTRATION NUMBER 93-R-0437 Customer Number 9196 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code) UNIVERSITY OF CALIFORNIA-SAN DIEGO IACUC OFFICE, MAIL CODE 0071 LA JOLLA, CA 92093 Telephone: 8585346069

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)
FACILITY LOCATIONS (Sites) See Attached Listing
 N/A

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4 Dogs	0	0	0	0	0
5 Cats	2	0	0	0	0
6 Guinea Pigs	0	0	57	0	57
7 Hamsters	0	187	351	0	538
8 Rabbits	0	34	207	0	241
9 Non-Human Primates	25	24	10	0	34
10 Sheep	0	0	0	0	0
11 Pigs	0	0	242	0	242
12 Other Animals	76	21	13	0	34
Cattle / Cow / Ox / Watusi	0	0	2	0	2
Mongolian gerbil	0	0	9	0	9

ASSURANCE STATEMENTS

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).		
SIGNATURE OF C.E.O. OR I.O. s/SANDRA BROWN, PH.D. - Vice Chancellor of Research	NAME AND TITLE OF C.E.O. OR I.O. (Type or Print) SANDRA BROWN, PH.D. - Vice Chancellor of Research INSTITUTIONAL OFFICIAL	DATE SIGNED 11-15-2021

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control
No. 0180-DOA-AN

Fiscal Year: 2021

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NUMBER 93-R-0437

Customer Number 9196

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code)
UNIVERSITY OF CALIFORNIA-SAN DIEGO
IACUC OFFICE, MAIL CODE 0071
LA JOLLA, CA 92093
Telephone: 8585346069

CONTINUATION SHEET FOR ANNUAL
REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
Lesser Egyptian jerboa	76	21	2	0	23

ASSURANCE STATEMENTS

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer (C.E.O.) or Legally Responsible
Institutional Official (I.O.)) I certify that the above is true,
correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED

s/SANDRA BROWN, PH.D. - Vice Chancellor of Research

SANDRA BROWN, PH.D. - Vice Chancellor of Research
INSTITUTIONAL OFFICIAL

11-15-2021