

Institutional Animal Care and Use Committee

Minutes for April 16, 2021

**Call to Order**

The Texas A&M University-Corpus Christi Institutional Animal Care and Use Committee (IACUC) met on April 16, 2021, via WebEx. A quorum was confirmed and the meeting was called to order on April 16, 2021, at 1:02 pm with the following members present.

Total Number of Members Present in Voting Capacity: 9

# required for a quorum: 6

**Meeting Attendance**

Meeting Chair:

<u>Chair name</u>	<u>Voting Status</u>	<u>Membership</u>	<u>Affiliation</u>	<u>Scientific</u>	<u>Arrive late</u>	<u>Left Early</u>	<u>Teleconference</u>
Felix Omoruyi	Voting	Full	Affiliated	Scientific	N/A	N/A	WebEx

Members Present:

<u>Member name</u>	<u>Voting Status</u>	<u>Membership</u>	<u>Affiliation</u>	<u>Scientific</u>	<u>Arrive late</u>	<u>Left Early</u>	<u>Teleconference</u>
John Scarpa	Voting	Full	Affiliated	Scientific	N/A	N/A	WebEx
Taylor Yaw	Voting	Full/Vet	Affiliated	Scientific	Entered 1:04pm	N/A	WebEx
Jean Sparks	Voting	Full	Affiliated	Scientific	N/A	N/A	WebEx
Eric Christensen	Voting	Full	Affiliated	Non-Scientific	N/A	N/A	WebEx
Judd Curtis	Voting	Full	Affiliated	Scientific	N/A	N/A	WebEx
Paul Silva	Voting	Full	Affiliated	Scientific	N/A	N/A	WebEx
Cecelia Gonzales	Voting	Full	Unaffiliated	Non-Scientific	Entered 1:07pm	N/A	WebEx
Michael Garcia	Voting	Alternate, Coons	Affiliated	Scientific	N/A	N/A	WebEx
Larry Lloyd	Non-Voting	Alternate, Curtis/Scarpa	Affiliated	Scientific	N/A	N/A	WebEx
Angelica Chapa	Non-Voting	Alternate, Omoruyi	Affiliated	Scientific	N/A	N/A	WebEx

Staff and Guest Present:

<u>Name</u>	<u>Job Title</u>	<u>Teleconference</u>
Rebecca Ballard	Director, Research Compliance	WebEx
Germaine Hughes-Waters	Research Compliance Coordinator	WebEx
Linda Villarreal	Program Manager	WebEx

**I. Conflict of Interest**

Members are reminded of their obligation to disclose any conflict of interest related to any of the items on today's

## Institutional Animal Care and Use Committee

agenda.

The chair called for any disclosures of conflict of interest. No Conflicts were declared.

## II. Minutes

Minutes from March 12, 2021, were reviewed. The Chair invited additional comments, questions, and/or concerns. Having none, the motion to approve was made, seconded, and carried.

Vote yes:	7	Recused:	0
Vote no:	0	Excused:	2 (Yaw and Gonzales arrived late)
Abstain:	0		

## III. New business - Director Update

Director's report

iRIS software update

## IV. New Studies

IACUC Number:	TAMU-CC-IACUC-2021-03-007
Principal Investigator:	David Portnoy
Conflict of Interest:	None
Primary Reviewers:	Curtis and Banks
Project Title:	Hybrid Headwater Fishes Conservation Genomic Assessment of imperiled freshwater fishes endemic to the Pecos and Devils Rivers
Protocol Type:	Animal Research Protocol
Protocol Objective:	The purpose of these research projects is to conduct conservation genetic assessments for a number of different freshwater fishes in Texas that currently the focus of ongoing conservation by State (TPWD) and Federal (UFWS) agencies. The work will require the capture of live fishes in order to obtain tissues for genetic work.
Protocol Summary:	These are descriptive studies focusing on assessing genomic diversity within and between wild populations of multiple species. No experiments will be conducted.

CITI verified: Yes

OHP verified: Yes, Portnoy will expire on 4/30/2021

Discussion: The PI claimed no exemption, it needs to be corrected. Need a copy of the permit for this study. Listed from Co-PI, Conway Permit, SPR-1010-173. The number of individuals used is listed as (30-40 versus max 30). Needs to clarify to make it consistent. 2014 American Fisheries Association guidelines are acceptable.

The Chair invited additional comments, questions, and/or concerns. Having none, the motion to approve with stipulations to be reviewed by the Chair with a review period of one year was made, seconded, and carried.

Stipulations include:

1. Correct the "no exempt" claim.
2. Provide a copy of the permit.
3. Reconcile the number of individuals used (30-40 versus max 30).

Vote yes:	9	Recused:	0
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Institutional Animal Care and Use Committee

Vote no: 0  
Abstain: 0

Excused: 0

## V. Continuing Review

IACUC Number: 23-19  
Principal Investigator: Frauke Seemann  
Conflict of Interest: None  
Primary Reviewers: Sparks and Christensen  
Project Title: Aquaponics  
Protocol Type: Animal Research Protocol  
Protocol Summary: This Aquaponics system is a freshwater structure that houses fish in a tank, filtering the water through roots from a bed of floating plants to result in edible produce. The product can be used for Izzy's Food Pantry or other Green Team projects. Establishing this system in the Gardens would be an accomplishment of the Green Team and attract and educate students with its unique structure on sustainable practices.  
Protocol CR Update: The aquaponics system next to the islander garden has been largely successful. Most of the fish survived the freeze with an estimated number of 1800 fish in the system. Some recent modifications in plumbing have increased flow that will hopefully benefit fish and plants. We are currently collecting eggs and rearing larvae to stock the fish tank for the spring and summer season with a goal of 10,000 fish.

CITI verified: Yes

OHP verified: Yes

Discussion: No adverse incidents were reported. No alternatives to animal use. No alternatives to potentially painful procedures.

The Chair invited additional comments, questions, and/or concerns. Having none, the motion to approve with a review period of one year was made, seconded, and carried.

Vote yes: 9  
Vote no: 0  
Abstain: 0  
Recused: 0  
Excused: 0

## VI. Semi-Annual Inspection

### TAMU-CC IACUC Labs

On December 16, 2020, the following IACUC members conducted a remote Semi-Annual Inspection of on-campus animals: Taylor Yaw (AV), Eric Christensen, Michelle Costa, Nathan Galvan, Michael Garcia, Larry Lloyd, Felix Omoruyi, John Scarpa, and Jean Sparks. The on-campus location inspected include:

Location – TAMU-CC	Species	IACUC #	PI
Tidal Hall 114G	Fish – Japanese Medaka	03-19 23-19 26-19	Seemann
Tidal Hall 114G	Zebrafish	20-18	Xu
Tidal Hall 114M	Fish	22-18 09-19	Geist
ECMS 114	Mice, birds, snakes, lizards,	06-18	Withers

## Institutional Animal Care and Use Committee

ORC is following up with Dr. Xu on the status of the corrective actions requested on the logs. The Semi-Annual Inspection report has been drafted for review. Please see the draft inspection report and deficiency report.

Discussion: Each lab inspection was reviewed. Lab inspections TH 114G and ECMS 114 were accepted as reported. TH 114M must submit modified logs to separate AM/PM and make sure the log entries are readable.

The Chair invited additional comments, questions, and/or concerns. Having none, the motion to approve the report with corrective actions to be reviewed by the chair was made, seconded, and carried.

Vote yes: 8	Recused: 0
Vote no: 0	Excused: 0
Abstain: 1	

### TPWD CCA Marine Development Center

On March 8, 2021, the following IACUC members conducted a remote Semi-Annual Inspection of off-campus animals: Taylor Yaw (AV), Kesley Banks, Larry Lloyd, Felix Omoruyi, John Scarpa, Frauke Seemann, and Paul Silva. The off-campus location renewed inspected includes:

Location	Species	IACUC #	PI	Deficiency
TPWD CCA Marine Development Center 4300 Waldron Road CC, TX 78418	Fish	22-18 2020-10-012	Geist	Yes

### The Nature Conservancy Francine Cohn Preserve

On March 12, 2021, the following IACUC members conducted a remote Semi-Annual Inspection of off-campus animals: Taylor Yaw (AV), Kesley Banks, Eric Christensen, Michael Garcia, Larry Lloyd, Felix Omoruyi, John Scarpa, Frauke Seemann, and Jean Sparks. The new off-campus location inspected includes:

Location		Species	IACUC #	PI	Deficiency
The Nature Conservancy Francine Cohn Preserve 7797 TX-361, Port Aransas, TX 78373		Fish	2020-10-012	Geist	Yes

### TAMU-CC, NRC 1018

On March 12, 2021, the following IACUC members conducted a remote Semi-Annual Inspection of off-campus animals: Taylor Yaw (AV), Kesley Banks, Eric Christensen, Michael Garcia, Larry Lloyd, Felix Omoruyi, John Scarpa, Frauke Seemann, and Jean Sparks. The new on-campus location inspected includes:

Location		Species	IACUC #	PI	Deficiency
TAMU-CC, NRC 1018		Reptiles	2020-09-009	Baxter	Yes

The combined March 2021 Semi-Annual Inspections report has been drafted for review. Please see the draft inspection report and deficiency report.

Discussion: Each lab inspection was reviewed. Lab inspections TPWD and NCFCP were accepted as reported. NRC 1018 must be reinspected by the chair and EHS.

The Chair invited additional comments, questions, and/or concerns. Having none, the motion to approve the report with corrective actions to be reviewed by the chair was made, seconded, and carried.



## Institutional Animal Care and Use Committee

Vote yes: 9  
Vote no: 0  
Abstain: 0

Recused: 0  
Excused: 0

### **VII. Other**

The next meeting is scheduled for Friday, May 21, 2021, from 10:00 a.m. to 12:00 p.m.

The meeting was adjourned at 1:54 pm.