



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH

FOR US POSTAL SERVICE DELIVERY:

Office of Laboratory Animal Welfare
6700B Rockledge Drive, Suite 2500, MSC 6910
Bethesda, Maryland 20892-6910
Home Page: <http://grants.nih.gov/grants/olaw/olaw.htm>

FOR EXPRESS MAIL:

Office of Laboratory Animal Welfare
6700B Rockledge Drive, Suite 2500
Bethesda, Maryland 20817
Telephone: (301) 496-7163
Facsimile: (301) 480-3387

February 5, 2020

Re: Animal Welfare Assurance
A3433-01 [OLAW Case 2W]

Dr. Prasant Mohapatra
Vice Chancellor for Research
University of California, Davis
1850 Research Park Drive
Davis, California 95618

Dear Dr. Mohapatra,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your February 3, 2020 letter reporting an adverse event involving an infant rhesus monkey at the University of California- Davis, following up on an initial telephone report on June 19, 2019. According to the information provided, OLAW understands that this animal died of heat stress after placing its finger into a perch bar bracket bolt hole and being unable to remove it. Treatment was attempted but was unsuccessful. The current style of perch has been in use over 20 years without incident.

The preventive action consisted of developing a policy whereby broken PVC perches are immediately removed to prevent animal injuries. All enclosures were checked for open bolt holes and plugging them. A different style of bracket is being evaluated and when perches are removed a new one will be installed or a bolt placed in any open bracket hole.

Based on its assessment of this explanation, OLAW concurs that this incident was an unforeseen accident and that the preventive measures are appropriate. Thank you for keeping OLAW apprised on this matter.

Sincerely,

 (b) (6)

Axel Wolff, M.S., D.V.M.
Deputy Director
Office of Laboratory Animal Welfare

cc: IACUC Chair
IACUC Director
Robert Gibbens, D.V.M., USDA-APHIS-AC

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OFFICE OF RESEARCH

PRASANT MOHAPATRA
VICE CHANCELLOR FOR RESEARCH

1850 RESEARCH PARK DRIVE
DAVIS, CALIFORNIA 95618

TELEPHONE: 530.754.7764
RESEARCH.UCDAVIS.EDU

February 3, 2020

Deputy Director
Office of Laboratory Animal Welfare
National Institutes of Health
RKL1, Suite 360, MSC 7982
6705 Rockledge Drive
Bethesda, MD 20892-7982

Subject: Institutional Report D16-00521 (#A3433-01)
CNPRC finger entrapment
Grant Number: 2P51OD011107-57 FAIN: P51OD011107

Dear Dr. Wolff:

In accordance with Assurance D16-00521 (#A3433-01) and Policy IV.F.3., UC Davis is finalizing the previous verbal report of an infant rhesus macaque that succumbed to heat stress following a finger entrapment in 2019. The root cause analysis has been completed and is summarized below. Additionally, this case was self-reported to the USDA. USDA has since determined there was no non-compliance on behalf of the University given the appropriate veterinary follow-up care, past housing-practices with no similar incidents, and quick response from the primate center to prevent reoccurrence.

Root cause analysis summary:

An infant rhesus macaque in outdoor group housing was found at approximately 4:30pm on June 12, 2019 with its finger stuck in perch bar bracket. The animal was rushed to hospital for care and treated for heat stress to which it succumbed. An earlier afternoon health check had been completed at approximately 1:30pm and sprinklers were in use for cooling due to the afternoon temperature of approximately 102 degrees F.

The style of perch bar bracket involved had been used in this caging without incident for 20+ years. The bracket is used to support PVC pipes that the animals use as perches. Over time with animals jumping on the perch, these PVC pipes may break. Emphasis has always been on removing the PVC perch bar quickly to prevent access to cracked plastic, or an unsecured bar. The metal bracket that remained holding the two of three PVC perch bars had an open hole (approximately ¼ inch in

diameter) where the bolt would be put to secure it. The animal put its finger in the hole and the finger became stuck.

The implementation of removing broken PVC pipes immediately is practiced as a safety measure to eliminate the hazard of sharp plastic. The exposed bracket was not viewed at the time as a potential hazard since the hole for the bolt is approximately 1/4 inch.

The policy of immediately removing a broken PVC perch had been implemented to prevent any injury to the animal in the enclosure. The root cause was of this animal's finger entrapment was the unplugged hole in the bracket of a size that allowed entrapment of fingers of juvenile animals. To ensure no similar future occurrence, staff checked all similar style caging for any existing hole(s) that could be filled with a bolt.

A new style of bracket is being evaluated and will be implemented if the design is superior to the current bracket. Moving forward, any time a PVC pipe perch bar needs to be removed, it will be immediately replaced with a new PVC pipe perch bar or a bolt will be placed in the open holes in the bracket.

Given the scope and length of time this caging has been in use without a similar incident, the IACUC believes this was a unique incident. Following completion of the root cause analysis, the IACUC concurs with the USDA that this was not an issue of non-compliance. The IACUC believes the above actions have and will decrease the likelihood for reoccurrence.

If you have any questions please do not hesitate to contact the UCD IACUC Director at (b) (6)

Sincerely,

(b) (6)

Prasant Mohapatra
Vice Chancellor for Research

/pk

c: AAALAC

Morse, Brent (NIH/OD) [E]

From: OLAW Division of Compliance Oversight (NIH/OD)
Sent: Tuesday, February 04, 2020 8:44 AM
To: Donna Routley; OLAW Division of Compliance Oversight (NIH/OD)
Subject: RE: Institutional Report - D16-00521 # (A3433-01)

Thank you for providing this report Ms. Routley. We will send an official response soon.

Best regards, Brent Morse

Brent C. Morse, DVM, DACLAM
Director
Division of Compliance Oversight
Office of Laboratory Animal Welfare
National Institutes of Health

Please note that this message and any of its attachments are intended for the named recipient(s) only and may contain confidential, protected or privileged information that should not be distributed to unauthorized individuals. If you have received this message in error, please contact the sender.

From: Donna Routley [mailto:dmroutley@ucdavis.edu]
Sent: Monday, February 03, 2020 8:19 PM
To: OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>
Subject: FW: Institutional Report - D16-00521 # (A3433-01)

Hello,
Please find the attached the signed report from UC Davis, assurance D16-00521 # (A3433-01). This is the follow-up report summarizing the root cause analysis of an incident from 2019 (previously reported). This report been copied to AAALAC.

Please let me know if you have any questions.

Kind regards,
Donna Routley

Donna Routley, RVT, RLATg, CPIA
Director - IACUC
Office of Research

(b) (6) (office)
(cell)

dmroutley@ucdavis.edu
<https://research.ucdavis.edu/policiescompliance/animal-care-use/iacuc/>

UCDAVIS
RESEARCH AND TEACHING
ANIMAL CARE PROGRAM

Wolff, Axel (NIH/OD) [E]

From: Wolff, Axel (NIH/OD) [E]
Sent: Tuesday, January 7, 2020 7:35 AM
To: Donna Routley
Subject: Open OLAW case

Hi Donna,

We are reviewing old open cases and I found one from 6/19/19 regarding a baby rhesus which died after having its finger caught in a bolt hole. I can't find a final report so would you please send or re-send so we can close it out. Thanks.

Axel



Initial Report of Noncompliance

By: (b) (6)

Date: 6/19/19

Time: 9:20

Name of Person reporting: Donna Rowley
Telephone #: (b) (6)
Fax #:
Email:

Name of Institution: U of California - Davis
Assurance number: A3433

Did incident involve PHS funded activity? _____
Funding component: _____
Was funding component contacted (if necessary): _____

What happened?
Yummy sheep died from heart stress after having finger caught in a bolt hole

Species involved: Baby sheep
Personnel involved:
Dates and times:
Animal deaths: 1

Projected plan and schedule for correction/prevention (if known): _____
Check all cages for similar problems

Projected submission to OLAW of final report from Institutional Official:

OFFICE USE ONLY
Case # _____