



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF HEALTH

FOR U.S. 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

October 27, 2021

Re: Animal Welfare Assurance  
#A3117-01 [OLAW Case R]

Dr. Meharvan Singh  
Vice Provost for Research  
Loyola University Chicago Health Sciences  
2160 S. First Ave., Bldg. 120, (b) (4)  
Maywood, IL 60153

Dear Dr. Singh,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your October 12, 2021 letter regarding the reinstatement of an appropriate schedule for conducting the semiannual facility inspections at Loyola University of Chicago, Health Science Campus (LUC-HSC). An update is also provided regarding the flooding of the basement of the Center for Translational Research and Education (CTRE) building which houses the Comparative Medicine Facility (CMF).

It is understood that LUC-HSC has maintained a semiannual schedule of inspections that occur in the Spring and Fall. The IACUC will continue to maintain the semiannual inspection schedule as approved by the committee. Per the report, the Fall 2021 Semiannual Program Review and Facility Inspection Checklist details minor deficiencies that have been corrected by CMF and Principal Investigators. It is understood the repairs in the CTRE basement have been completed, and relocated animals are now housed in the area and normal operations have resumed. Sound and vibration monitoring/testing associated with the installation of new sump pumps was conducted. It was determined the additional sump pumps will have very little (if any) effect on the sound level and floor vibration in the research areas of the CTRE basement. It is anticipated there will be no hazardous effects on the health or well-being of animals involved in research conducted near this area of the facility.

It is noted that PHS/NSF-funded research projects were minimally impacted by the flooding and relocation of animals. Based on its assessment of this explanation, OLAW understands that the Loyola University of Chicago, Health Science Campus has implemented appropriate measures to correct and prevent recurrences of these problems and is now compliant with provisions of the PHS Policy.

We appreciate being informed of these matters and find no cause for further action by this Office.

Sincerely,

Jacquelyn T.  
Tubbs -S

Digitally signed by Jacquelyn T.  
Tubbs -S  
Date: 2021.10.27 08:31:10 -0400

Jacquelyn Tubbs, DVM, DACLAM  
Animal Welfare Program Specialist  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

cc: IACUC Contact



**Office of Vice Provost for Research**  
*Health Sciences Campus*  
2160 S. First Avenue, Maywood, Illinois 60153  
Phone: 708.216-8094 | Fax: 708.216.5318  
E-mail: msingh@luc.edu

October 12, 2021

Jacquelyn T. Tubbs, DVM  
Animal Welfare Program Specialist  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

Dear Dr. Tubbs,

The Loyola University of Chicago, Health Science Campus (LUC-HSC), in accordance with Assurance Number: D16-00074, Legacy #A3117-01, PHS Policy, IV.F.3 and Guide Notice NOT-OD-20-088, provides these final updates describing the reinstatement of our scheduled semiannual lab animal facility inspections and our incident report of natural disaster. The latter is based on the flooding of the basement of the Center for Translational Research and Education (CTRE) building which houses the Comparative Medicine Facility (CMF).

The LUC-HSC IACUC has maintained a semi-annual schedule of inspections that occur in the Spring and Fall. The Spring inspection starts in February; findings, deficiencies and recommended corrections are reviewed at the March IACUC meeting with the intent to have the inspection report finalized at the April meeting of the IACUC. For the Fall, the inspection occurs in August; findings, deficiencies and recommended correction are presented at the September meeting of the IACUC, with the inspection report finalized at the October IACUC meeting.

LUC-HSC and the IACUC will continue to maintain this semi-annual inspection schedule as approved by the committee and regrets the failing to request a waiver (for inspection) in a timely manner to OLAW.

The Fall 2021 Semiannual Program Review and Facility Inspection Checklist list minor deficiencies that were appropriately addressed and/or corrected by CMF and Principal Investigators. The Checklist has been reviewed by the IACUC and forwarded to the Institutional Official (IO).

Repairs have been completed in the CTRE basement, relocated animals are now housed in the CTRE building and CMF operations are back to normal. PHS/NSF-funded research and research projects were minimally affected by the flooding and/or relocation of the animals. The flooding happened after heavy rainfall in the area on May 17, 2020 which necessitated the relocation of the rodents to the Cardinal Bernardin Cancer Center (CC) rodent housing rooms and (b) (4)

(b) (4) on campus and to another site, Hines VA Veterinary Medical Unit (VMU), where the institution has a Memorandum of Understanding (MOU) on Disaster Planning.

Repairs and mitigation measures to avoid future flooding included installing new drain lines, sump pits and sump pumps. Sound and vibration monitoring/testing associated with the new sump pumps showed that the additional sump pumps will have little to no effect on the sound level and floor vibration in the research areas of the CTRE basement. As such, the repairs made are not expected to result in any hazardous effects on the health and well-being of animals bred and used in the research conducted near the area of the facility.

Loyola University of Chicago is committed to protecting the welfare of animals used in research and maintaining compliance. We appreciate the guidance and assistance provided by OLAW in this regard. Should you have any questions or concerns, please let us know.

Sincerely,

DocuSigned by:  
(b) (6)  
1A2E71787B28455...

Jawed Fareed, Ph.D.  
IACUC Chair  
Health Sciences Campus  
Loyola University of Chicago

DocuSigned by:  
(b) (6)  
AE9295D763FA40F...

Meharvan Singh, PhD  
Institutional Official  
Vice Provost for Research  
Loyola University of Chicago



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

February 25, 2021

Re: Animal Welfare Assurance  
#A3117-01 [OLAW Case R]

Dr. Meharvan Singh  
Vice Provost for Research  
Loyola University Chicago Health Sciences  
2160 S. First Ave., Bldg. 120, (b) (4)  
Maywood, IL 60153

Dear Dr. Singh,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your February 8, 2021 providing an update as to how the IACUC plans to reinstate the appropriate schedule for conducting the semiannual facility inspections at Loyola University Chicago, Health Science Campus (LUC HSC).

The letter notes LUC HSC IACUC will continue to maintain a semiannual schedule of inspections that occur in the Spring and Fall. The Spring inspection begins in February and findings, deficiencies and recommended corrections are reviewed at the March IACUC meeting. Finalization of the report is expected to occur at the April IACUC meeting. For the fall, the inspection occurs in August, the report is reviewed at the September IACUC meeting and finalized at the October meeting.

It is understood the February 2020 inspection began as scheduled but was not completed due to the COVID-19 pandemic and flooding of the CTRE basement. It is stated the timing of the facility inspection was extended beyond the six-month interval from the previous review. The letter notes the Fall 2020 inspection was completed on time and the delay of inspection was noted in the 2020 Annual Report.

OLAW recognizes the Spring 2021 inspection will be conducted in February 2021 as scheduled. It is noted the institution and the IACUC will continue to uphold the semiannual inspection schedule as approved by the committee. This office appreciates the institution and IACUC confirming that semiannual inspections will be completed as scheduled and looks forward to receiving future updates on the progress of the CTRE basement flooding.

Sincerely,

Jacquelyn T.  
Tubbs -S

Digitally signed by Jacquelyn T.  
Tubbs -S  
Date: 2021.02.25 13:09:17 -05'00'

Jacquelyn T. Tubbs, DVM  
Animal Welfare Program Specialist  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

cc: IACUC Contact

**Tubbs, Jai (NIH/OD) [E]**

---

**From:** Walker, Keri (NIH/OD) [C]  
**Sent:** Monday, February 8, 2021 10:16 AM  
**To:** Tubbs, Jai (NIH/OD) [E]  
**Subject:** FW: OLAW Case A3117-R  
**Attachments:** OLAW Waiver Update 02-08-2021.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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**From:** (b) (6)  
**Sent:** Monday, February 8, 2021 10:12 AM  
**To:** Walker, Keri (NIH/OD) [C] <keri.walker@nih.gov>  
**Cc:** Singh, Meharvan <msingh@luc.edu>; Fareed, Jawed <jfareed@luc.edu>; (b) (6)  
**Subject:** RE: OLAW Case A3117-R

Dear Ms. Walker,

Attached please find the response of the LUC HSC's IACUC to Dr. Tubbs' letter in regards to OLAW Case A3117-R.

If you have any questions or concerns, please feel free to contact me by mobile phone or by e-mail.

Best regards and stay safe,

(b) (6)

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**From:** Walker, Keri (NIH/OD) [C] <keri.walker@nih.gov>  
**Sent:** Friday, January 29, 2021 1:22 PM  
**To:** Singh, Meharvan <msingh@luc.edu>  
**Cc:** (b) (6)  
**Subject:** OLAW Case A3117-R

Dear Dr. Singh,

Attached please find Dr. Tubbs' *interim* response to OLAW Case A3117-R.

If you have any questions, feel free to contact us by phone or by e-mail.

Best Regards,  
Keri

*Keri Walker  
Program Analyst (Contractor)  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare  
National Institutes of Health  
6700B Rockledge Dr., Suite 2500  
Bethesda, MD 20892  
301-435-2390  
[keri.walker@nih.gov](mailto:keri.walker@nih.gov)*





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

January 29, 2021

Re: Animal Welfare Assurance  
#A3117-01 [OLAW Case R]

Dr. Meharvan Singh  
Vice Provost for Research  
Loyola University Chicago Health Sciences  
2160 S. First Ave., Bldg. 120, (b) (4)  
Maywood, IL 60153

Dear Dr. Singh,

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your January 20, 2021 email correspondence requesting a waiver for facility inspections. It is understood that the prolonged interval between facility inspections occurred due to the COVID-19 pandemic and delayed repairs of the CTRE basement from flooding previously reported on May 21, 2020.

Based on previous correspondence, it is understood that periodic updates and/or final report will be provided when CTRE CMF basement resumes normal operations. However, while the reasons for the delayed facility inspection are valid and related to the open case, since a waiver was not in place the matter is considered a noncompliance. Please provide an update as to how the IACUC plans to reinstate the appropriate schedule for conducting the semiannual facility inspections.

Please provide an update to this office by **February 15, 2021**.

Sincerely,  
Jacquelyn T.  
Tubbs -S

Digitally signed by Jacquelyn  
T. Tubbs -S  
Date: 2021.01.29 14:14:19  
-05'00'

Jacquelyn T. Tubbs, DVM  
Animal Welfare Program Specialist  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

cc: IACUC Contact

**Wolff, Axel (NIH/OD) [E]**

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**From:** (b) (6)  
**Sent:** Friday, January 22, 2021 8:02 AM  
**To:** OLAW Division of Compliance Oversight (NIH/OD)  
**Cc:** Singh, Mehran; Fareed, Jawed; (b) (6)  
**Subject:** RE: NOT-OD-20-088 Request for a Waiver

Hello Dr. Wolff,

We will appropriately address the letter from OLAW to our IO requesting an update on how the IACUC plans to reinstate the appropriate schedule for conducting semiannual facility inspections. Thank you!

Best regards and stay safe,

(b) (6)

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**From:** OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>  
**Sent:** Friday, January 22, 2021 6:31 AM  
**To:** (b) (6)  
**Cc:** OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>  
**Subject:** FW: NOT-OD-20-088 Request for a Waiver

Hello (b) (6)

OLAW has received your request for a waiver due to a physical plant problem. Unfortunately, although the reason appears valid, waivers cannot be given retroactively. The incident has already occurred and is therefore considered a noncompliance and will be handled as such. We will be sending a letter to the IO requesting an update on how the IACUC plans to reinstate the appropriate schedule for conducting semiannual facility inspections.

Thank you.

Axel Wolff, M.S., D.V.M.  
Deputy Director, OLAW

---

**From:** (b) (6)  
**Sent:** Wednesday, January 20, 2021 4:15 PM



**To:** OLAW Division of Policy and Education (NIH/OD) <olawdpe@od.nih.gov>

**Cc:** Singh, Meharvan <msingh@luc.edu>; Fareed, Jawed <jfareed@luc.edu>; Tubbs, Jai (NIH/OD) [E]  
<jacquelyn.tubbs@nih.gov>; (b) (6)

**Subject:** NOT-OD-20-088 Request for a Waiver

Dear Sir/Madam,

The Loyola University of Chicago, Health Science Campus (LUC HSC), in accordance with Assurance Number: D16-00074, Legacy #A3117-01, PHS Policy, IV.F.3 and Guide Notice NOT-OD-20-088, provides this additional update on the issue of noncompliance, to address to the Division of Compliance Oversight's (DCO) open case. On the basis of the Guide Notice referenced above, LUC HSC is requesting a waiver of the (facility) semi-annual inspection requirement, with the following justification.

The timing of facility inspection was extended beyond the six-month interval from the last review on the basis of the May 2020 CTRE basement flooding, delays in repairs and the COVID 19 pandemic noted in our 2020 Annual Report to OLAW.

We appreciate the guidance and assistance provided by OLAW on this topic, and remain committed to protecting the welfare of animals used in research and maintaining compliance. Should you have any questions or concerns, please let us know.

Sincerely,

(b) (6)



**Tubbs, Jai (NIH/OD) [E]**

---

**From:** (b) (6)  
**Sent:** Friday, January 15, 2021 5:49 PM  
**To:** Tubbs, Jai (NIH/OD) [E]  
**Cc:** Singh, Meharvan; Fareed, Jawed; (b) (6)  
**Subject:** OLAW Annual Report Acknowledged D16-00074 (A3117-01)

Dear Dr. Tubbs,

Thank you for the opportunity to follow up on the letter we received from OLAW regarding our 2020 Annual Report. As you indicated during our phone conversation on January 13, 2021, we do not need to respond to the letter by requesting a waiver from OLAW at this time, as we have documented the delay in the inspection report in our August 24, 2020 Incident Report Follow-up letter to OLAW. We will be sure to provide periodic updates and/or final update on when the CTRE CMF basement resumes normal operations. We will also provide additional information on the waiver and non-compliant matter to the OLAW Assurance office.

Loyola University Chicago is committed to protecting the welfare of animals used in research and maintaining compliance. We appreciate the guidance and assistance provided by OLAW in this regard. Should you have any questions or concerns, please let us know.

Sincerely,

(b) (6)



**Tubbs, Jai (NIH/OD) [E]**

---

**From:** Tubbs, Jai (NIH/OD) [E]  
**Sent:** Wednesday, January 13, 2021 10:50 AM  
**To:** (b) (6)  
**Cc:** Singh, Meharvan; Fareed, Jawed; (b) (6)  
**Subject:** RE: In reference to submitted annual report

Hello again,

No problem at all, thanks for taking the quick call. You should be receiving the letter shortly through the automated system.

Kind Regards,

J Tubbs

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**From:** (b) (6)  
**Sent:** Wednesday, January 13, 2021 10:49 AM  
**To:** Tubbs, Jai (NIH/OD) [E] <jacquelyn.tubbs@nih.gov>  
**Cc:** Singh, Meharvan <msingh@luc.edu>; Fareed, Jawed <jfareed@luc.edu>; (b) (6)  
**Subject:** RE: In reference to submitted annual report

Hi Dr. Tubbs,

Thanks for calling and clarifying the letter that we will be receiving from OLAW in regards to our 2020 Annual Report and Semi-Annual Inspection Report. I will inform our IO, CMF and IACUC on what we discussed about the letter, if they have any questions or concerns. Thanks, again!

Best regards and stay safe,

(b) (6)

---

**From:** Tubbs, Jai (NIH/OD) [E] <jacquelyn.tubbs@nih.gov>  
**Sent:** Wednesday, January 13, 2021 9:36 AM

To: [REDACTED] (b) (6)  
Cc: [REDACTED]  
Subject: RE: In reference to submitted annual report

Great, I'm about to call you now.

J Tubbs

---

From: [REDACTED] (b) (6)  
Sent: Wednesday, January 13, 2021 10:26 AM  
To: Tubbs, Jai (NIH/OD) [E] <jacquelyn.tubbs@nih.gov>  
Cc: [REDACTED] (b) (6)  
Subject: RE: In reference to submitted annual report

Hi Dr. Tubbs,

Please call me anytime today or tomorrow at [REDACTED] (b) (6) to discuss our Annual Report matter. Thank you!

Best regards and stay safe,

[REDACTED] (b) (6)

---

From: Tubbs, Jai (NIH/OD) [E] <jacquelyn.tubbs@nih.gov>  
Sent: Wednesday, January 13, 2021 8:42 AM  
To: [REDACTED] (b) (6)  
Subject: In reference to submitted annual report

Good morning,

I am reviewing the 2020 annual report submitted to OLAW and would like to discuss a matter with the IACUC chair or designee. Please let me know staff availability to setup a date and time to chat by phone. I want to provide clarification on the official response from OLAW prior to sending it to the institution. Please let me know when you can.

Kind Regards,

Jacquelyn Tubbs, DVM, DACLAM  
Animal Welfare Program Specialist

**Division of Compliance Oversight**

**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.**



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FOR EXPRESS MAIL:

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

August 31, 2020

Re: Animal Welfare Assurance  
#A3117-01 [OLAW Case R]

(b) (6)

(b) (6)

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your August 24, 2020 letter providing an update to an incident report dated May 21, 2020 from Loyola University Chicago, Health Science Campus (LUC HSC).

The update was requested in reference to the report of basement flooding from heavy rainfall of the Center for Translational Research and Education (CTRE) building which houses the Comparative Medicine Facility (CMF). This incident occurred on May 17, 2020. The interim report states on June 1, 2020 the two USDA species were relocated and housed in the Hines VA Veterinary Medical Unit (VMU). The institution has a Memorandum of Understanding with the Hines VA VMU on disaster planning. This decision for relocation was decided based on the CMF veterinarians and engineering department's overall assessment of the facilities and recommendations.

It is stated that no actual harm or death to the laboratory animals resulted from the natural disaster event. It is also stated that PHS/NSF-funded research continues to be conducted in the CMF and minimal research projects were affected by the flooding and/or relocation of the animals. An external firm has been contacted to review and provide recommendations to ensure protection of the facility from future weather events like the one that occurred in May. The firm's group of experts are expected to present their solutions and appropriate next steps to LUC leadership soon.

The report also states that the flooding and COVID-19 pandemic created a delay in completing the Spring 2020 semiannual inspection. The inspection was conducted in March 2020 and correction of deficiencies will be inspected and completed by August 2020 per the report. It is also stated that the Fall 2020 semiannual inspection will be conducted as scheduled.

It is understood that the institution will provide updates and/or final update when the CTRE CMF basement resumes normal operations to OLAW in a timely manner. We appreciate this update and look forward to receiving future updates or a final report on the matter.

Sincerely,

(b) (6)

Jacquelyn T. Tubbs, DVM  
Animal Welfare Program Specialist  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

cc: IACUC Contact

Robert M. Gibbens, DVM, Director, Animal Welfare Operations



August 24, 2020

Jacquelyn T. Tubbs, DVM  
Animal Welfare Program Specialist  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

Dear Dr. Tubbs,

Loyola University Chicago, Health Science Campus (LUC HSC), in accordance with Assurance Number: D16-00074, Legacy #A3117-01, PHS Policy, IV.F.3 and Guide Notice NOT-OD-05-034, provides herein an update on the incident report of natural disaster; basement flooding of the Center for Translational Research and Education (CTRE) building which houses the Comparative Medicine Facility (CMF).

The flooding happened after heavy rainfall in the area on May 17, 2020 which necessitated the relocation of the rodents to the Cardinal Bernardin Cancer Center (CC) rodent housing rooms on campus and to another site, Hines VA Veterinary Medical Unit (VMU), where the institution has a Memorandum of Understanding (MOU) on Disaster Planning.

On June 01, 2020, the two (2) USDA covered species were moved and are currently being housed in the Hines VA VMU, based on the CMF veterinarians and engineering department's overall assessment of the facilities and recommendations.

The natural disaster has not resulted in actual harm or death to the laboratory animals.

PHS/NSF-funded research are being conducted in the CMF and minimal research projects were affected by the flooding and/or relocation of the animals, as some additional space in other buildings on campus were opened and are being used for research projects, including the use of contract laboratories.

LUC has engaged with an external firm to review and provide recommendations to ensure protection of the facility from future weather events as that experienced in and around May 17<sup>th</sup> of 2020. This firm has reviewed relevant documentation, and engaged with the engineering consulting team. Their team of experts that include individuals with Geotechnical, Plumbing, Waterproofing, Architectural, Civil, and Structural backgrounds are expected to present their solutions and appropriate "next steps" to LUC leadership shortly.

The natural disaster and COVID-19 pandemic have also caused a delay in completing the Spring 2020 semi-annual inspection. The inspection was performed in March 2020 and the correction of deficiencies will be inspected and completed by August 2020. The inspection report will be reviewed and approved at the IACUC September 08, 2020 meeting. The Fall 2020 semi-annual inspection will be performed as scheduled.

The institution is also following the COVID-19 guidelines, ensuring the health and safety of personnel and the laboratory animals during this incident.

Every effort will be made to provide updates and/or final update on when the CTRE CMF basement resumes normal operations will be provided to OLAW in a timely manner.

LUC HSC is committed to protecting the welfare of animals used in research and appreciates the guidance and assistance provided by OLAW in this regard. Should you have any questions regarding this report, please contact Jawed Fareed, PhD, IACUC Chair, via the (b) (6)

Thank you for your consideration of this matter.

Sincerely,

(b) (6)

Meharvan Singh, PhD  
Institutional Official  
Vice Provost for Research  
Loyola University of Chicago



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Telephone: (301) 496-7163  
Facsimile: (301) 480-3387

May 26, 2020

Re: Animal Welfare Assurance  
#A3117-01 [OLAW Case R]

(b) (6)

The Office of Laboratory Animal Welfare (OLAW) acknowledges receipt of your May 21, 2020 letter reporting an instance of natural disaster with the PHS Policy on Humane Care and Use of Laboratory Animals at the Loyola University of Chicago Health Science Campus (LUC HSC). This letter had not been preceded by a preliminary report to OLAW.

According to the information provided, this Office understands that the LUC HSC Animal Care and Use Committee (ACUC) determined that instances of noncompliance occurred with respect to: conditions that jeopardized the health and well-being of animals, in this case natural disaster. The final report states on May 17, 2020, heavy rainfall in the area resulted in basement flooding of the Center for Translational Research and Education (CTRE) building which houses the Comparative Medicine Facility (CMF). The flooding required the relocation of the rodents to the Cancer Center (CC) rodent housing rooms on campus and to another site, Hines VA Veterinary Medical Unit (VMU), where the institution has a Memorandum of Understanding (MOU) on Disaster Planning. The report also states two USDA covered species remain in the facility and are monitored daily. Per the report, these animals may be moved to the VMU, based on the CMF veterinarians and engineering department's overall assessment of the facilities and recommendations.

Please clarify and state if any PHS/NSF/NASA/HHS-funded research was being conducted in the CMF? If so, were any of these research projects affected by the flooding and/or relocation of the animals? Please describe what (if any) remediation is being considered to prevent a reoccurrence of the flooding. Please state under what conditions the animals are held that remain in the CMF (e.g. the two USDA covered species). Please provide an interim or final update to this Office by **August 31, 2020**.

Sincerely,

Jacquelyn T.  
Tubbs -S

Digitally signed by  
Jacquelyn T. Tubbs -S  
Date: 2020.05.27 08:35:44  
-04'00'

Jacquelyn T. Tubbs, DVM  
Animal Welfare Program Specialist  
Division of Compliance Oversight  
Office of Laboratory Animal Welfare

cc: IACUC Contact

May 21, 2020

Director, Division of Compliance Oversight  
Office of Laboratory Animal Welfare  
National Institutes of Health  
Rockledge 1, Suite 360, MSC 7982  
6705 Rockledge Drive  
Bethesda, MD 20892-7982  
Phone: 301-594-2061  
FAX: 301-402-2803  
E-mail: [olawdco@mail.nih.gov](mailto:olawdco@mail.nih.gov)

Dear Sir/Madam,

The Loyola University of Chicago, Health Science Campus (LUC HSC), in accordance with Assurance Number: D16-00074, Legacy #A3117-01, PHS Policy, IV.F.3 and Guide Notice NOT-OD-05-034, provides this incident report of natural disaster; basement flooding of the Center for Translational Research and Education (CTRE) building which houses the Comparative Medicine Facility (CMF).

The flooding happened after heavy rainfall in the area on May 17, 2020 which necessitated the relocation of the rodents to the Cancer Center (CC) rodent housing rooms on campus and to another site, Hines VA Veterinary Medical Unit (VMU), where the institution has a Memorandum of Understanding (MOU) on Disaster Planning.

Two (2) USDA covered species remain in the facility and are monitored daily and may be moved to the VMU, based on the CMF veterinarians and engineering department's overall assessment of the facilities and recommendations.

The natural disaster has not resulted in actual harm or death to the laboratory animals.

The institution is also following the COVID-19 guidelines, ensuring the health and safety of personnel and the laboratory animals during this incident.

LUC HSC is committed to protecting the welfare of animals used in research and appreciates the guidance and assistance provided by OLAW in this regard. Should you have any questions regarding this report, please contact Jawed Fareed, PhD, IACUC Chair, via the (b) (6)

(b) (6)

Thank you for your consideration of this matter.

Sincerely,

(b) (6)

Meharvan Singh, PhD  
Institutional Official  
Vice Provost for Research  
Loyola University of Chicago

**Wolff, Axel (NIH/OD) [E]**

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**From:** OLAW Division of Compliance Oversight (NIH/OD)  
**Sent:** Friday, May 22, 2020 8:24 AM  
**To:** (b) (6)  
**Cc:** OLAW Division of Compliance Oversight (NIH/OD)  
**Subject:** RE: Incident Report, of Assurance Number: D16-00074

Thank you for this report, (b) (6) We will send a reply soon.

Axel Wolff, M.S., D.V.M.  
Deputy Director, OLAW

**From:** (b) (6)  
**Sent:** Thursday, May 21, 2020 6:22 PM  
**To:** OLAW Division of Compliance Oversight (NIH/OD) <olawdco@od.nih.gov>  
**Cc:** Singh, Meharvan <msingh@luc.edu>; Fareed, Jawed <jfareed@luc.edu>; (b) (6)  
(b) (6)  
**Subject:** Incident Report, of Assurance Number: D16-00074

Dear Sir/Madam,

The Loyola University of Chicago, Health Science Campus (LUC HSC), in accordance with Assurance Number: D16-00074, Legacy #A3117-01, PHS Policy, IV.F.3 and Guide Notice NOT-OD-05-034, provides this incident report of natural disaster.

If you have any questions or concerns, please let us know. Thank you!

Best regards and stay safe,

(b) (6)