From: Aleksei Chmura

To: Girma, Tseday (NIH/NIAID) [E]

Cc: Peter Daszak; Stemmy, Erik (NIH/NIAID) [E]

Subject: Re: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Date: Wednesday, July 17, 2019 3:53:48 PM
Attachments: EHAL FY20 Prov Indirect Agmt Signed.pdf

Tseday,

Attached is our provisional rate of (b) (4) - signed today.

Many thanks!

-Aleksei

On Jul 17, 2019, at 15:38, Girma, Tseday (NIH/NIAID) [E] (b) (6) wrote:

Thank you.

Tseday Girma, MPA Grants Management Specialist National Institutes of Allergy and Infectious Diseases 5601 Fishers Lane, Room 4E49 Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

*** The information in this email and any of its attachments is confidential and may contain sensitive information. It should not be used by anyone who is not the originally intended recipient. If you have received this email in error, please inform the sender and delete it from your mailbox or any other storage devices. The National Institute of Allergy and Infectious Diseases shall not accept liability for any statements made that are the sender's own and not expressly made on behalf of NIAID by one of its representatives.***

From: Aleksei Chmura (b) (6)

Sent: Wednesday, July 17, 2019 3:11 PM

To: Girma, Tseday (NIH/NIAID) [E] (b) (6)

Cc: Peter Daszak (b) (6); Stemmy, Erik (NIH/NIAID) [E]

(b) (6)

Subject: Re: Grant Number: 2R01Al110964 - 06 PI Name: DASZAK, PETER

Dear Tseday,

We are still waiting on our cognisant agency (DoD) to issue a provisional rate or other notice. We will do all possible to get this to you today or before 5pm tomorrow.

Cheers,

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile) www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

On Jul 17, 2019, at 12:07, Girma, Tseday (NIH/NIAID) [E] (b) (6) wrote:

Good afternoon,

The F&A rate agreement submitted in the JIT for ECHOHealth Alliance, Inc. dated 11/14/2018 has expired on 06/30/2017. Do you have any documentation that you can send us that shows you could use the expired rate. Pending the establishment of a negotiated facilities and administrative (F&A) rate, we will restrict the amount of F&A funds in excess of 10% salaries and wages exclusive of fringe benefits and may not be expended until the new F&A rate agreement is issued and you receive a revised Notice of award from NIH.

Please send us the requested information ASAP but no later than

Thanks, Tseday

Tseday Girma, MPA Grants Management Specialist National Institutes of Allergy and Infectious Diseases 5601 Fishers Lane, Room 4E49 Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

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DEPARTMENT OF THE NAVY

OFFICE OF NAVAL RESEARCH 875 NORTH RANDOLPH STREET SUITE 1425 ARLINGTON, VA 22203-1995

IN REPLY REFER TO:

Agreement Date: July 17, 2019

NEGOTIATION AGREEMENT

INSTITUTION:

ECOHEALTH ALLIANCE, INC. 460 WEST 34TH ST. 17TH FLR NEW YORK, NY 10001-2320

The Indirect Cost rate contained herein is for use on grants, contracts and/or other agreements issued or awarded to the EcoHealth Alliance, Inc. by all Federal Agencies of the United States of America, in accordance with the provisions and cost principles mandated by 2 CFR Part 200. The rate shall be used for forward pricing and billing purposes for the EcoHealth Alliance, Inc. Fiscal Year 2020. This rate agreement supersedes all previous rate agreements/determinations for Fiscal Year 2020.

Section I: RATES - TYPE: PROVISIONAL (PROV)

Indirect Rates:

<u>TYPE</u> <u>FROM</u> <u>TO</u> <u>RATE</u> <u>BASE</u> <u>APPLICABLE TO</u> <u>LOCATION</u> Prov. 07/01/19 06/30/20 (a) All All

DISTRIBUTION BASES

(a) Total direct costs excluding capital expenditures (buildings, individual items of equipment; alterations and renovations), the portion of each subaward in excess of \$25,000, participant support costs, and flow-through funds.

SECTION II - GENERAL TERMS AND CONDITIONS

A. LIMITATIONS: Use of the rate set forth under Section I is subject to availability of funds and to any other statutory or administrative limitations. The rate is applicable to a given grant or contract or other agreement only to the extent that funds are available. Acceptance of the rate agreed to herein is predicated upon the following conditions: (1) that no costs other than those incurred by the organization were included in this indirect cost pool as finally accepted and that such costs are legal obligations of the organization and allowable under governing cost principles; (2) that the same costs that have been treated as indirect costs are not claimed as direct costs; (3) that similar types of costs have been accorded consistent accounting treatment; and (4) that the information provided by the organization which was used as a basis for acceptance of the rate agreed to herein, and expressly relied upon by the Government in negotiating and accepting the said rate is not subsequently found to be materially incomplete or inaccurate.

- B. ACCOUNTING CHANGES: The rate contained in Section I of this agreement is based on the accounting system in effect at the time the agreement was negotiated. Changes to the method(s) of accounting for costs, which affect the amount of reimbursement resulting from the use of the rate require the prior written approval of the authorized representative of the cognizant agency for indirect costs. Such changes include but are not limited to changes in the charging of a particular type of cost from indirect to direct. Failure to obtain such approval may result in subsequent cost disallowances.
- C. PROVISIONAL RATES: The provisional rate contained in this agreement is subject to unilateral amendment by the Government or bilateral amendment by the contracting parties at any time.
- D. USE BY OTHER FEDERAL AGENCIES: The rate set forth in Section I is negotiated in accordance with and under the authority set forth in 2 CFR Part 200. Accordingly, such rate shall be applied to the extent provided in such regulations to grants, contracts, and other agreements to which 2 CFR Part 200 applies, subject to any limitations in part A of this section. Copies of this document may be provided by either party to other federal agencies to provide such agencies with documentary notice of this agreement and its terms and conditions.
- E. SPECIAL REMARKS: The Government's agreement with the rate set forth in Section I is not an acceptance of the EcoHealth Alliance, Inc.'s accounting practices or methodologies. Any reliance by the Government on cost data or methodologies submitted by EcoHealth Alliance, Inc. is on a non-precedence-setting basis and does not imply Government acceptance.

Accepted:

FOR ECOHEALTH ALLIANCE, INC.:	FOR THE U.S. GOVERNMENT:
(6) (6)	WOOD.LINDA Digitally signed by WOOD.LINDA.MORGAR.1514688946
(8) (8)	.MORGAN.151 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USN,
	4688946 Cn=WOOD_INDA.MORGAN.1514688 bate: 2019.97.17 15:42.35 -04'00'
ARMINE ARUSTAMYAN	LINDA MORGAN WOOD
Chief Financial Officer	Contracting Officer
07-17-19	7/17/19
Date	Date
For information concerning this agreeme	nt contact:
Sharon Gales	Phone: (b) (6)
Office of Naval Research	E-mail: (b) (6)
875 North Randolph Street	
Arlington, VA 22203-1995	

From: Soto, Tiffani (NIH/OD) [C]

To: Aleksei Chmura; Girma, Tseday (NIH/NIAID) [E]

Cc: (b) (6) QLAW Division of Assurances (NIH/OD)

Subject: 2R01AI110964-06 EcoHealth Alliance, Inc.

Date: Friday, July 12, 2019 11:31:07 AM

Attachments: A7941-04.pdf

Good Morning Dr. Chmura,

Please find enclosed the approved Inter-institutional Assurance for the above mentioned grant.

Tseday, the above, mentioned grant has been added to the daily list that OLAW sends to eRA for assurance number updates. It usually takes 72 hours before the changes will reflect in the IMPAC II record.

Please contact me if you do not see the assurance update at that time.

Kind Regards,

Tiffani T. Soto

Program Assistant (Contractor)

Office of Laboratory Animal Welfare (OLAW)

National Institutes of Health

6700 B Rockledge Drive

Suite 2500, MSC 6910

Bethesda, Maryland 20892

Phone: (b) (6) (Main)
Phone: (b) (6) (Direct)

Email: (b)

Division of Assurances

E-Fax (301) 451-5672

Email: OLAWdoa@mail.nih.gov

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Quote:

Tell me and I forget, Teach me and I remember, Involve me and I learn. Benjamin Franklin



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE NATIONAL INSTITUTES OF HEALTH

FOR US POSTAL SERVICE DELIVERY:

Office of Laboratory Animal Welfare Division of Assurances 6700B Rockledge Drive Suite 2500, MSC 6910 Bethesda, Maryland 20892

July 10, 2019

Dr. Aleksei Chmura Authorized Organizational Reprehensive EcoHealth Alliance, Inc. 460 West 34th Street, Suite 1701 New York, New York 10001

Dear Dr. Chmura:

FOR EXPRESS MAIL:

Office of Laboratory Animal Welfare Division of Assurances 6700B Rockledge Drive, Suite 2500 Bethesda, Maryland 20817 Telephone: (301) 496-7163 Fax: (301) 451-5672

Grant#: 2-R01-AI110964-06

Project Title: Understanding the Risk of Bat

Coronavirus Emergence

Principal Investigator: Dr. Peter Daszak

Animal Facility: The University of North Carolina at

Chapel Hill

The Division of Assurances, Office of Laboratory Animal Welfare (OLAW) has reviewed and approved the new Inter-institutional Assurance which was submitted by your Institution in compliance with the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy) revised August 2015.

This Assurance with identification A7941-04 became effective on 7/10/2019. The Assurance is good for the current period of project support. Under your approved Assurance with The University of North Carolina at Chapel Hill, their institutional Animal Care and Use Committee (IACUC) is authorized to conduct subsequent reviews of this project.

The Assurance is a key document in defining the relationship of your Institution to the PHS and the cooperating Institution's IACUC since they set forth the responsibilities and procedures of your Institution regarding the care and use of laboratory animals.

A copy of the approved Assurance is enclosed. If I can be of any further assistance, please feel free to contact me by phone or mail.

Sincerely,

(b) (6)

Venita Thornton, D.V.M., M.P.H. Senior Assurance Officer, Division of Assurances Office of Laboratory Animal Welfare (OLAW)

Enclosure Cc: Terry Magnuson, PhD Roland Tisch, Ph.D. Tseday Girma, NIAID

ScInterinstitutional Assurance

The Interinstitutional Assurance is used by U.S. Institutions that receive Public Health Service (PHS) funds through a grant or contract award when the institution has neither its own animal care and use program, facilities to house animals, nor an Institutional Animal Care and Use Committee (IACUC) and will conduct the animal activity at an Assured Institution (named as a performance site).

I. Awardee Institution

Name of Awardee Institution: EcoHealth Alliance

Address: (street address, city, state, zip code)

460 West 34th Street, Suite 1701, New York, NY 10001, USA

Project Title: (from grant application/contract proposal)

Understanding the Risk of Bat Coronavirus Emergence

Grant/Contract Number: 2-R01-AI110946-06

Principal Investigator: Dr. Peter Daszak

A. Applicability

This Interinstitutional Assurance between the awardee institution and the Assured institution is applicable to research, research training, and biological testing involving live vertebrate animals supported by the PHS and conducted at the Assured Institution.

B. Awardee and Assured Institutional Responsibilities

- The institutions agree to comply with all applicable provisions of the Animal Welfare Act and other Federal statutes and regulations relating to animals.
- ii. The institutions agree to be guided by the U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training and comply with the PHS Policy on Humane Care and Use of Laboratory Animals (Policy).
- III. The institutions acknowledge and accept responsibility for the care and use of animals involved in activities covered by this Assurance. As partial fulfillment of this responsibility, the institutions will make a reasonable effort to ensure that all individuals involved in the care and use of laboratory animals understand their individual and collective responsibilities for compilance with this Assurance, as well as all other applicable laws and regulations pertaining to animal care and use.
- Iv. The awardee institution acknowledges and accepts the authority of the IACUC of the Assured institution where the animal activity will be performed and agrees to abide by all conditions and determinations as set forth by that IACUC.

Name of Assured Institution: University of North Carolina at Chapel Hill

Office of Sponsored Research 104 Airport Dr. CB# 1350 Chapel Hill, NC 27599

II. Institutional Endorsement

By signing this document, the authorized official at the awardee institution and the Institutional Official and IACUC Chairperson at the Assured institution (performance site) provide their assurances that the project identified in Part I will be conducted in compliance with the PHS Policy and the Assurance of the Assured institution.

Name of Awardee In	stitution: EcoHe	ealth Alliance		
Authorized Official: I	Dr. Aleksel Chm		AND DESCRIPTION OF THE PERSON OF	
Signature:		(b) (6)———		Date: 21 June 2019
Title: Authorized Org	anizational Rec	resentative	-	
Address: (street add				The second section as a second
460 West 34th Street	t, Suite 1701, N	lew York, NY	10001, USA	
Phone: +	(b) (6)		Fax: +1.212.	380,4465
E-mall:	(b)	(6)		
B. Endorsement	of Assured Ins	stitution		er de l'est de l'attention de l'est de
Name of Assured Ins			Carolina at Ci	napel Hill
Institutional Official:	AND SHOW	CONTRACTOR STREET, TANKED		Control of the Contro
Signature.	reny Plagnuso	(b) (6)	NOTE THE PARTY	Date: 7/5/2019
Title: Vice Chancelià	r for Dorosket			Date, Tronzo to
Address: (street add		zin code)		
312 South Bldg- Offi Chapel Hill NC, 2759	ce of the VCR C	CB #4000		
Phone: (b)	(6)		Fax: 919-962	-1476
E-mall:	(b) (6)	Hardy and brightness and		
IACUC Chairperson:	Roland Nisch, P	hD		WE HIS HIS OF COMMENT OF HIS COMMENT
Signature:		(b) (6)	Date: 7/05/19
Title: IACUC Chair			-	130.0.7703713
Address: (street add UNC - Department o Chapel Hill, NC 2759	f Microbiology a	e, zip code) and Immunolo	ogy CB #7290	
Phone: (b) (CONTRACT OF THE PARTY OF THE PA		Fax: 919-966	-8429
E-mail:	(b) (6)			
Date of IACUC Appro	oval: (within 3	years, pendin	not accepta	ble) 2/29/2017
HERE I STATE OF THE STATE OF TH		1		7-4-
IS Approval (to b	e completed b	KV OLAW) ~	(6)) (6)
Signature of OLAW	Official:			Date: 7/10/2019
Senior Assura Office of Labo NIH/OD/OER 6700B Roc	kledge Drive, S	sion of Assuran Velfare (OLAW) Suite 2500- N		
Bethesda,	Maryland 2089	92		
Grant/Contract #:	2R01AI11096	4-06 Anim	al Welfare As	surance #:A7941-04
Effective Date: 7/1	0/2019	Evol	ation Date: /	duration of project, up to 5

III.

From: Soto. Tiffani (NIH/OD) [C]

To: Aleksei Chmura; Girma, Tseday (NIH/NIAID) [E]

Cc: (b) (6); OLAW Division of Assurances (NIH/OD)

Subject: 2R01AI110946-06 EcoHealth Alliance, Inc.

Date: Tuesday, June 25, 2019 7:35:36 AM

Attachments: 3209 001.pdf

Good Morning Dr. Chmura,

Please find enclosed the approved Inter-institutional Assurance between EcoHealth Alliance, Inc. & Wuhan Institute of Virology.

Kind Regards.

Tiffani T. Soto

Program Analyst (Contractor)

Office of Laboratory Animal Welfare (OLAW)

National Institutes of Health

6700 B Rockledge Drive

Suite 2500, MSC 6910

Bethesda, Maryland 20892

Phone: (b) (6) (Main)
Phone: (b) (6) (Direct)

Email: (b) (6)

Division of Assurances

E-Fax (301) 451-5672

Email: OLAWdoa@mail.nih.gov

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Quote:

Tell me and I forget, Teach me and I remember, Involve me and I learn. Benjamin Franklin

From: OLAW-PTR5@nih.gov < OLAW-PTR5@nih.gov>

Sent: Tuesday, June 25, 2019 7:31 AM

To: Soto, Tiffani (NIH/OD) [C] (b) (6)

Subject: Attached Image



DEPARTMENT OF HEALTH & HUMAN SERVICES

PUBLIC HEALTH SERVICE NATIONAL INSTITUTES OF HEALTH

FOR US POSTAL SERVICE DELIVERY:

Office of Laboratory Animal Welfare Division of Assurances 6700B Rockledge Drive Suite 2500, MSC 6910 Bethesda, Maryland 20892

June 24, 2019

Dr. Aleksei Chmura Authorized Organization Representative EcoHealth Alliance, Inc. 460 West 34th Street, 17 Floor New York, New York 10001

Dear Dr. Chmura:

The Division of Assurances, Office of Laboratory Animal Welfare (OLAW) has reviewed and approved the new Inter-institutional Assurance which was submitted by your Institution in compliance with the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy) revised August 2015.

This Assurance with identification A7941-03 became effective on 6/24/2019. The Assurance is good for the current period of project support. Under your approved Assurance with Wuhan Institute of Virology, their institutional Animal Care and Use Committee (IACUC) is authorized to conduct subsequent reviews of this project.

The Assurance is a key document in defining the relationship of your Institution to the PHS and the cooperating Institution's IACUC since they set forth the responsibilities and procedures of your Institution regarding the care and use of laboratory animals.

A copy of the approved Assurance is enclosed. If I can be of any further assistance, please feel free to contact me by phone or mail.

Enclosure Cc: Dr. Yanyi Wang Dr. Xi Zhou Tseday Girma, NIAID FOR EXPRESS MAIL:

Office of Laboratory Animal Welfare Division of Assurances 6700B Rockledge Drive, Suite 2500 Bethesda, Maryland 20817 Telephone: (301) 496-7163 Fax: (301) 451-5672

Grant #: 2-R01-Al110946-06
Project Title: Understanding the Risk of Bat
Coronavirus Emergence
Principal Investigator: Dr. Peter Daszak
Animal Facility: Wuhan Institute of Virology

Sincerely,

(b) (6)

Venita Thornton, D.V.M., M.P.H. Senior Assurance Officer, Division of Assurances Office of Laboratory Animal Welfare (OLAW)

ScInterinstitutional Assurance

The Interinstitutional Assurance is used by U.S. institutions that receive Public Health Service (PHS) funds through a grant or contract award when the institution has neither its own animal care and use program, facilities to house animals, nor an Institutional Animal Care and Use Committee (IACUC) and will conduct the animal activity at an Assured institution (named as a performance site).

I. Awardee Institution

Name of Awardee Institution: EcoHealth Alliance

Address: (street address, city, state, zip code)

460 West 34th Street, 17th Floor New York, NY 10001, USA

Project Title: (from grant application/contract proposal)

Understanding the Risk of Bat Coronavirus Emergence

Grant/Contract Number: 2-R01-AI110946-06

Principal Investigator: Dr. Peter Daszak

A. Applicability

This Interinstitutional Assurance between the awardee institution and the Assured institution is applicable to research, research training, and biological testing involving live vertebrate animals supported by the PHS and conducted at the Assured institution.

B. Awardee and Assured Institutional Responsibilities

- The institutions agree to comply with all applicable provisions of the Animal Welfare Act and other Federal statutes and regulations relating to animals.
- ii. The institutions agree to be guided by the <u>U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training and comply with the PHS Policy on Humane Care and Use of Laboratory Animals (Policy).</u>
- iii. The institutions acknowledge and accept responsibility for the care and use of animals involved in activities covered by this Assurance. As partial fulfillment of this responsibility, the institutions will make a reasonable effort to ensure that all individuals involved in the care and use of laboratory animals understand their individual and collective responsibilities for compliance with this Assurance, as well as all other applicable laws and regulations pertaining to animal care and use.
- iv. The awardee institution acknowledges and accepts the authority of the IACUC of the Assured institution where the animal activity will be performed and agrees to abide by all conditions and determinations as set forth by that IACUC.

Name of Assured Institution: Wuhan Institute of Virology, Chinese Academy of Sciences

Address: (street address, city, state, zip code)

Xiao Hong Shan No. 44

Wuhan, Hubei Province, 430071 P.R. China

II. Institutional Endorsement

By signing this document, the authorized official at the awardee institution and the Institutional Official and IACUC Chairperson at the Assured institution (performance site) provide their assurances that the project identified in Part I will be conducted in compliance with the PHS Policy and the Assurance of the Assured institution.

Name of Awa	rdee Institution: EcoHealth	Alliance			
	fficial: Dr. Aleksei Chmura	. morree			
Signature:	(b) (6)			Date: June 21 2010	
	Signature: Date: June 21, 2019 Title: Authorized Organizational Representative				
	eet address, city, state, zip		-		
460 West 34 ^t New York, NY	Street, 17th Floor	code			
Phone:	(b) (6)		ax: +1.212.3	380.4465	
E-mail:	(b) (6)				
B. Endorse	ment of Assured Institut	tion			
Name of Assu	red Institution: Wuhan Ins	titute of \	/irology, Chin	ese Academy of Sciences	
Institutional (Official: Dr. Yanyi Wang				
Signature:	(6) (6)			Date: June 28 th 2019	
Title: Director	•				
Xiao Hong Sh	eet address, city, state, zip an No. 44 i Province, 430071 P.R. Chi				
Phone:	(b) (6)		ax: +86.27.8	37198209	
E-mail:	(b) (6)		The second second		
IACUC Chairp	erson: Dr. Xi Zhou		No.		
	(b) (6)			Data di Salbarana	
Signature:				Date: June 28th 2019	
Chinese Acad	emy of Science		se Committe	e, Wuhan Institute of Virology	
Xiao Hong Sh	eet address, city, state, zip an No. 44 i Province, 430071 P.R. Chi				
Phone:	(b) (6)	1	ax: +86.27.8	37198209	
E-mail:	(b) (6)	-			
	C Approval: (within 3 years,	, pendina	not acceptab	ole) June 21st 2019	
			accopios	-,	
IS Approva	I (to be completed by OI	(AW)	(b) ((6)	
Signature of	OLAW Official:		, , ,	Date: 6/24/2019	
Sen Offi NIH. 670 Suit	ita B. Thornton, D.V.M, M.P.H. ior Assurance Officer, Division of ce of Laboratory Animal Welfare OD/OER DB Rockledge Drive e 2500-MSC 6910 nesda, Maryland 20892		ces		
Grant/Contra	act #: 2R01AI110964-06	Anima	I Welfare Ass	urance #: A7941-03	
Effective Dat	e: 6/24/2019		tion Date: (d	uration of project, up to 5	

III.

From: Aleksei Chmura

To: Girma, Tseday (NIH/NIAID) [E]

Cc: Peter Daszak; 李泓萤; Evelyn Luciano; Alison Andre

Subject: Re: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

 Date:
 Tuesday, June 11, 2019 4:55:20 PM

 Attachments:
 C&P SIMS 2019 updated.docx

C&P ZHOU 2019 updated.docx C&P HU 2019 updated.docx

Importance: High

Dear Tseday,

Apologies for the errors. The excess-in- (b) (4), (b) (6) allocation in C&Ps for Sims, Zhou, and Hu were due to copy-paste-errors and some expired or since-changed grant/time allocations. When corrected, they all are within the (b) (4), (b) (6) limit.

Please find these three C&Ps attached. Should I upload them via the Just in Time portal?

Let me know anytime, if there are any additional questions or details required.

Sincerely,

-Aleksei

Aleksei Chmura, PhD Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile)

www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

From: Girma, Tseday (NIH/NIAID) [E] (b) (6)

Sent: Tuesday, June 11, 2019 2:24 PM

To: Peter Daszak; Peter Daszak Cc: Stemmy, Erik (NIH/NIAID) [E]

Subject: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Good afternoon,

Thank you for submitting the JIT for the above mentioned grant. Regarding the other support submitted for Amy Sims, Peng Zhou and Ben Hu, When I add the efforts of all the grants in the

other support (including some of the grants liste	ed under pending that have a to be paid status), the
total active support will be higher than	b) (4), (b) (6) including the effort for the above
mentioned grant. While an individual may be at	ffiliated with a number of organizations, the
combination of appointments can be no higher t	than (b) (4), (b) (6)

Please indicate how much effort will be taken from which grants. We need specifics that shows the individuals will not go over (b) (4). (b) (6) at the time award. Please send revised other support.

Please send me the information ASAP but no later than Wednesday, 06/12/2019

Thanks, Tseday

Tseday Girma, MPA Grants Management Specialist National Institutes of Allergy and Infectious Diseases 5601 Fishers Lane, Room 4E49 Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

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The following information should be provided for each investigator and other senior personnel. Failur information may delay consideration of this proposal.	re to provide this
Other agencies (including NSF) to which this proposal has bee	en/will be submitted
Investigator: Amy Sims	on will be debrinted.
Support:	☐ *Transfer of
Support.	Support
Project/Proposal Title:	- при
Understanding the Risk of Bat Coronavirus Emergence	
Source of Support: NIAID	
Total Award Amount: \$3,586,760 Total Award Period Covered: 06/01/2019 - 5/31/2024	
Location of Project: EcoHealth Aliance and International Field and Lab Locations	
Person-Months Per Year Committed to the Cal: (b) (4). Acad:	Sumr:
(b) (b)	*Transfer of
Support:	Support
Project/Proposal Title:	опрроп
Trojesti roposai filio.	
Mechanisms of MERS-CoV Entry, Cross-Species Transmission and Pathogenesis	
Source of Support: NIH/NIAID	
Total Award Amount: \$605,933	
Location of Project: UNC Chapel Hill	
Person-Months Per Year Committed to the Cal: (b) (6) Acad:	Sumr:
Support:	Transfer of
Project/Proposal Title:	Support
Project/Proposal Title.	
Antiviral Drug Disagvery and Davidenment Center	
Antiviral Drug Discovery and Development Center	
Source of Support: NIH/NIAID Total Award Paried Covered: 03/01/19 03/09/04	
Total Award Amount \$2,250,000 Total Award Period Covered: 03/01/19-02/28/24	
Location of Project: EcoHealth Alliance and International Field and Lab Locations	
Person-Months Per Year Committed to the Cal: (6) Acad:	Sumr:
Support:	☐ *Transfer of
D. L. VID.	Support
Project/Proposal Title:	
Diagnostic and Prognostic Biomarkers for Viral Severe Lung Disease	
Source of Support: NIH/NIAID	
Total Award Period Covered: 03/01/14-02/28/20	
Location of Project: UNC Chapel Hill	
Person-Months Per Year Committed to the Cal: (b) (4), (b) (6)	Sumr:
Support:	☐ *Transfer of
Designat/Designated Titles	
Project/Proposal Title:	
Broad appetrum entirities CC 5794 to treat	
Broad-spectrum antiviral GS-5734 to treat	
Source of Support: NIH Total Award Amount: \$919,427 Total Award Period Covered: 08/09/17 - 07/31/22	
Location of Project: UNC Chapel Hill	
5 (6) (4),	Sumr:
*If this project has previously been funded by another agency, please list and furnish information for i	VT-VT-VT-VT-VT-VT-VT-VT-VT-VT-VT-VT-VT-V
preceding funding period.	minodiatory

The following information should be provided for eac information may delay consideration of this proposal.		el. Failure to provide this
mismation may dolay contract and proposation	Other agencies (including NSF) to which this pro	oposal has been/will be submitted.
Investigator: Amy Sims		
Support: ☐ Current ☐ Pending ☐	Submission Planned in Near Future	☐ Transfer of Support
Project/Proposal Title:		
How MERS-CoV Regulates Innate Immunity in Primary Hu Source of Support: NIH	ıman Lung Cells	
Total Award Amount: \$250,000 Total Aw	vard Period Covered 07/01/19-06/30/21	
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (c) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
MERS-CoV Regulates Cell Death in Primary Human Lung	Cells	
Source of Support: NIH		
Total Award Amount \$275,000 Total Aw	vard Period Covered: 09/01/19-08/31/21	
Location of Project: UNC Chapel Hill	(b) (4),	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
*If this project has previously been funded by anothe	r agency, please list and furnish informa	ation for immediately
preceding funding period		



The following information should be provided for each investigator and other	er senior personnel. Failure to provide this information	may delay consideration of this proposal.
	Other agencies (including NSF) to which this	proposal has been/will be submitted.
Investigator: Ben Hu		
Support: ☐ Current ☐ Pending ☐ Project/Proposal Title:	Submission Planned in Near Future	
Understanding the Risk of Bat Coronavirus Emergen	ce	
Source of Support: NIAID		
AND DELY THE PROPERTY OF THE P	vard Period Covered: 06/01/2019 - 5/31/	2024
Location of Project: EcoHealth Aliance and Internation		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (b) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Pathogenicity studies of two novel bat SARSr-CoVs	on transgenic mice	
expressing human ACE2		
Source of Support: National Natural Science Foundati	on of China	
Total Award Amount: \$ 44,776 Total Aw	vard Period Covered: 01/01/2019-12/31/	2021
Location of Project: Wuhan Institute of Virology, C	AS	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
And Andrews and An		
PREDICT-2		
Source of Support: USAID		
Total Award Amount: \$38,000,000 Total Aw	vard Period Covered: 10/01/2014-09/20	19
Location of Project: EcoHealth Alliance, subcontract fr	om UC Davis (prime)	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (b) (Cal: (c) Acad:	Sumr:
Support:	Submission Planned in Near Future	
Project/Proposal Title:		
Bat Virology		
Source of Support: National Natural Science Foundati	on of China	
	vard Period Covered: 01/01/2019-12/31/	2021
Location of Project: Wuhan Institute of Virology, CAS	(b) (4), (b)	
Person-Months Per Year Committed to the Project.	Cal: (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	
Project/Proposal Title:		
Source of Support:		
Total Award Amount: \$ Total Aw	vard Period Covered:	
Location of Project:	vard Period Covered:	
	Cal: Acad:	Sumr:

NSF Form 1239 (7/95)

The following information should be provided for each investigator and other	r senior personnel. Failure to provide this information m	nay delay consideration of this proposal.
	Other agencies (including NSF) to which this p	roposal has been/will be submitted.
Investigator: Peng Zhou		
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emergence	ce	
Source of Support: NIAID		
Total Award Amount: \$3,586,760 Total Aw	ard Period Covered: 06/01/2019 - 5/31/20	024
Location of Project: EcoHealth Aliance and Internation	al Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (b) Acad:	Sumr:
Support:	Submission Planned in Near Future	
Project/Proposal Title:	Cashinoson Francis III Treat Fataro	
Combating the next SARS- or MERS-like emerging in	nfectious	
disease outbreak by improving active surveillance		
Source of Support: National Natural Science Foundation	on of China	
Total Award Amount: \$358,210 Total Aw	ard Period Covered: 01/01/2017-12/31/20	019
Location of Project: Wuhan Institute of Virology, CAS a	and Duke-NUS	
Person-Months Per Year Committed to the Project.	Cal. (6) (4), (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Interferon responses in SARS-Like Coronavirus infec	tod	
Bat cells	ieu	
Dat cons		
Source of Support: National Basic Research program	of China	
	ard Period Covered: 01/01/2018-12/31/20	022
Location of Project: Wuhan Institute of Virology, CAS	ala 1 0115a 001010a. 0 1/0 1/2010 12/01/12	
Person-Months Per Year Committed to the Project.	(b) (4), (b) Cal: (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	*Transfer of Support
Project/Proposal Title:	Cubinission Flamica in Near Fatare	I Transfer of Capport
Bat Virology		
Bat virology		
Source of Support: National Natural Science Foundation	on of China	
	ard Period Covered: 01/01/2019-12/31/20	021
Location of Project: Wuhan Institute of Virology	ald Fellod Covered. 0 1/0 1/2019-12/01/20	021
	Cal: (b) (4), (b) Acad:	C
Person-Months Per Year Committed to the Project.	Cal: 6 Acad: Submission Planned in Near Future	Sumr:
Support:	Submission Planned in Near Future	
Project/Proposal fille.		
Source of Support:		
A STATE OF THE STA	ard Period Covered:	
Location of Project:		
Person-Months Per Year Committed to the Project.	Cal: Acad:	Sumr:
*If this project has previously been funded by another agency, please list an		

NSF Form 1239 (7/95)

Just In Time Report

Report submitted on: 05/06/2019 11:01 PM

IRB Confirmation:

Human Subjects Assurance Number:

Human Subjects Education:

No Human Subjects Education was provided

IACUC Confirmation:



t2R01Al110964 - Understanding the Risk of Bat Coronavirus Emergence (Pl, Daszak)

6 May 2019

Dear NIAID Just-in-Time,

Please find Active and Pending Support information for ALL individuals designated in our application as Senior/Key Personnel. These individuals are as follows (below) and their respective active and pending support details are on the following pages. The order is kept identical to that in our proposal. If additional details are required, please contact me anytime.

Sincerely,



Peter Daszak President, EcoHealth Alliance 460 West 34th Street – Ste. 1701 New York, NY 10001

Count	Role	Key Personnel	Institution	Page
1	Principal Investigator	Daszak, Peter	EcoHealth Alliance	1-2
2	Co-Investigator	Shi, Zhengli	Wuhan Institute of Virology	3
3	Co-Investigator	Olival, Kevin	EcoHealth Alliance	
4	Co-Investigator	Baric, Ralph	University of North Carolina at Chapel Hill	6-9
5	Co-Investigator	Ross, Noam	EcoHealth Alliance	10
6	Research Scientist	Latinne, Alice	EcoHealth Alliance	11
7	Research Scientist	Li, Hongying	EcoHealth Alliance	12
8	Co-Investigator	Francisco, Leilani	EcoHealth Alliance	
9	Co-Investigator	Sims, Amy	University of North Carolina at Chapel Hill	
10	Research Scientist	Hagan, Emily	EcoHealth Alliance	
11	Co-Investigator	Zhu, Guangjian	East China Normal University	
12	Co-Investigator	Wang, Linfa	Duke-NUS Medical School	18
13	Co-Investigator	Ren, Lili	Institute of Pathogen Biology	19
14	Co-Investigator	Li, Guo	Institute of Pathogen Biology	20
15	Co-Investigator	Zhou, Peng	Wuhan Institute of Virology	21
16	Co-Investigator	Hu, Ben	Wuhan Institute of Virology	22
17	Research Scientist	Chmura, Aleksei	EcoHealth Alliance	

(See GPG Section II.D.8 for guidance on information to include on this form.)

The following information should be provided for each investible information may delay consideration of this proposal.	stigator and other senior perso	onnel. Failure to provide
	Other agencies (including NS	SF) to which this proposal
Investigator: Peter Daszak	THOSE SET INC.	
Support:	Submission Planned in Near I	Future
Project/Proposal Title: AccelNet: EpiDyn: Predicitng Diseas	e and Popualtion Dynamics for	or Improved Resilience
Source of Support: NSF - EEID		
	ard Period Covered: 09/01/20	19-08/2020
Location of Project: EcoHealth Alliance, subcontract from L	(b) (4),	
Person-Months Per Year Committed to the Project. 0.0	(0) (0)	cad: 0.0 Sumr: 0.0
	Submission Planned in Near F	Future
Project/Proposal Title: PREDICT-2		
Source of Support: USAID Emerging Pandemic Threats		
Total Award Amount: \$38,000,000 Total Award Amount:	ard Period Covered: 10/01/20	14- 09/2019
Location of Project: EcoHealth Alliance, subcontract from U		
Person-Months Per Year Committed to the Project.	(0)	cad: Sumr:
Support:	Submission Planned in Near F	Future
Project/Proposal Title: Understanding the Risk of Bat Coror R01Al110964	navirus Emergence	
Source of Support: NIAID		
	ard Period Covered: 06/01/20	14-05/31/2019
Location of Project: EcoHealth Alliance and International Fi	eld and Lab Locations	
Person-Months Per Year Committed to the Project.	(b) (4), (b)	cad: Sumr:
	Submission Planned in Near I	Future
Project/Proposal Title: Optimal Strategies of Land Use in Se	outheast Asia's Tropical Fores	
Source of Support: NSF - Division of Social and Economic	Sciences	
Total Award Amount: \$497,667 Total Award Amount:	ard Period Covered: TBD	
Location of Project: EcoHealth Alliance and Malaysia		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (b) A	cad: Sumr:
	Submission Planned in Near F	Future
Project/Proposal Title: Understanding the Risk of Bat Coror	navirus Emergence	
Source of Support: NIAID		
Total Award Amount: \$3,586,760 Total Award Amount:	ard Period Covered: 06/01/20	19 - 5/31/2024
Location of Project: EcoHealth Alliance and International F	ield and Lab Locations	
Person-Months Per Year Committed to the Project.	(0) (4),	cad: Sumr:
*If this project has previously been funded by another agen preceding funding period.		rmation for immediately
NSF Form 1239 (10/99)	l	JSE ADDITIONAL SHEETS AS NECESSARY

(See GPG Section II.D.8 for guidance on information to include on this form.)

Investigator:	Peter Daszak		sal. Othe	er agencies	(includin	g NSF) to whic	h this proposal
Support:	☐ Current	□ Pending	Subm	ission Plan	ned in Ne	ear Future	*Transfe
Source of Su		A network of network	rs mixing e	cology, com	servation	i, and disease e	amergence
	Amount: \$748.847	Tot	al Award Pe	eriod Cover	ed: 10/01	1/019 – 09/30/2	22
Location of P	roject: US and Inter	national					
Davage Mont	hs Per Year Commi	itted to the Project.	0.0	Cal:	(b) (4), (b) (6)	Acad: 0.0	Sumr: 0.0
Person-work	no i oi roai commi				(0) (0)		



(See GPG Section II.D.8 for guidance on information to include on this form.)

The following information should be provided for each inverthis information may delay consideration of this proposal.	estigator and other senior	personnel. Failur	e to provide
10 1	Other agencies (including	ng NSF) to which	this proposal
Investigator: Zhengli Shi			
Support:	Submission Planned in N	lear Future	☐ *Transfer of Support
Project/Proposal Title: Geographical distribution and gene	tic variation of pathogens	in Africa	
Source of Support: SAJC201605 Sino-Africa Joint Resear	ch Center, Chinese Acade	emy of Sciences	
Total Award Amount: \$ 447,760 Total Av	vard Period Covered: 01/0	1/2016-12/31/20	20
Location of Project: Wuhan Insitute of Virology & Sino-Afri		, Chinese Acaden	ny of Sciences
Person-Months Per Year Committed to the Project. 0.0	Cal: (b) (4), (b) (6)	Acad: 0.0	Sumr: 0.0
Support:	Submission Planned in N	lear Future	
Project/Proposal Title: Evolution mechanism of the adaption	on of bat SARS-related co	ronaviruses to ho	st receptor
Source of Support: 31770175 National Natural Science Fo	oundation of China		
Total Award Amount: \$ 98,507 Total Av	vard Period Covered: 01/0	01/2018-12/31/20	21
Location of Project: Wuhan Insitute of Virology, Chinese A			
Person-Months Per Year Committed to the Project.	Cal: (b) (4),	Acad:	Sumr:
Support:	Submission Planned in N	lear Future	*Transfer of Support
Project/Proposal Title: Understanding the Risk of Bat Cord R01Al110964	onavirus Emergence		•
Source of Support: NIAID			
The second section of the second seco	vard Period Covered: 06/0	01/2014-05/31/20	19
Location of Project: Wuhan Insitute of Virology, Chinese A			
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (b) (6)	Acad:	Sumr:
Support:	Submission Planned in N	lear Future	☐ *Transfer of Support
Project/Proposal Title: Genetic evolution and transmission	mechanism of important	bat-borne viruses	2.0
Source of Support: XDB29010000 The strategic Priority re	Part of the second seco		
president and make the second of the second decision of the second make the second second second second second	vard Period Covered: 07/0	01/2018-06/30/20	23
Location of Project: Wuhan Institute of Virology, Chinese A	Academy of Sciences		
Person-Months Per Year Committed to the Project.	Cal: (b) (4),	Acad:	Sumr:
Support:	Submission Planned in N	lear Future	☐ *Transfer of Support
Project/Proposal Title:			
Source of Support:			
Total Award Amount: Total Av	vard Period Covered:		
Location of Project:			
Person-Months Per Year Committed to the Project.	Cal:	Acad:	Sumr:
*If this project has previously been funded by another age preceding funding period.	ncy, please list and furnisl	n information for i	mmediately
NSF Form 1239 (10/99)			ONAL SHEETS NECESSARY

(See GPG Section II.D.8 for guidance on information to include on this form.)

The following information should be provided for e this information may delay consideration of this pr		er senior pers	onnel. Failure to provide
this information may delay consideration of this pr		ding NSF) to w	which this proposal has
Investigator: Kevin Olival	outer agonition (motal	ag . 10. / 10 1.	mon and proposal mas
CONTRACTOR	Submission Planned in	n Near	*Transfer of Support
Project/Proposal Title: AccelNet: Integrating Mam Research		vation Biology	, and Zoonotic Disease
Source of Support: NSF			
	ward Period Covered: 1	10/01/19 - 9/3	0/22
Location of Project: Global	AND		
Person-Months Per Year Committed to the	Cal: (b) (4),	Acad:	Sumr:
Support: ☐ Current ☐ Pending ☐	Submission Planned in	n Near	
Project/Proposal Title: Strengthening biosurveillan	ce and early detection of	apabilities for	MERS-CoV and
Other coronaviruses in USCENTCOM and USEU			
Source of Support: GHERI			
	Award Period Covered: 1	11/01/19 – 10/	31/22
Location of Project: USA, Georgia, Jordan	(b) (4),		
Person-Months Per Year Committed to the	Cal: (b) (6) Submission Planned in	Acad:	Sumr: Transfer of Support
Support: ☐ Current ☐ Pending ☐	uture	1 Near	☐ Transfer of Support
Project/Proposal Title: Understanding the Risk of	Bat Coronavirus Emerge	ence	
Source of Support: NIH			
many and a children a	Award Period Covered: (06/01/19 – 05/	31/24
Location of Project: US and China	(b) (4).	2 7	
Person-Months Per Year Committed to the	Cal (b) (6) (b) (6)	Acad:	Sumr:
Support:] Submission Planned in uture	1 Near	☐ *Transfer of Support
Project/Proposal Title: Drivers of Nipah virus spillo			
6.00			
Source of Support: NIH NIAID			
	Award Period Covered: ()9/01/2019 – (08/31/2024
Location of Project: USA, Global	(b) (4),	A	
Person-Months Per Year Committed to the	Cal: (b) (6)	Acad:	Sumr:
Support: Current Pending Figure 1] Submission Planned in uture	1 Near	
Project/Proposal Title: Understanding the Risk of		ease Emerger	nce in Western Asia
Source of Support: DTRA			
TEACHER CONTINUE WITTEN CONTINUE CONTINUE STATE OF THE CONTINUE CO	ward Period Covered: 1	10/02/2017 – 1	10/01/2022
Location of Project: USA, Western Asia	(b) (4),		
Person-Months Per Year Committed to the	Ca (b) (6)	Acad:	Sumr:
*If this project has previously been funded by anot preceding funding period.	ner agency, please list a	and turnish info	ormation for immediately

NSF Form 1239 (10/99)

Support:		☐ Pending	☐ Submission Plan Future	ned in Near	□ *Transfer	of Support
Project/Prop	osal Title: Under	standing the Ris	k of Coronavirus Eme	rgence		
	apport: NIH NIA		1745 Can 10 Mar			
Total Award	Amount: \$3,086	,735 To	tal Award Period Cove	ered: 09/01/2016	- 08/31/2021	
Location of F	Project: USA, G	lobal	(b)	(4),		
Person-Mon	ths Per Year Con	mmitted to the	Cal (b)	(6) Acad:	Sumr:	
Support:	□ Current	Pending	☐ Submission Plan	ned in Near	☐ *Transfer	of Support
1600			Future			12.17.0
Project/Prop	osal Title: Emer	ning Pandemic T	hreats: PREDICT2			
Trojeco: rep	obdi Tillo. Ellior	quig randering i	modio: Friedric TE			
Source of St	apport: USAID					
Total Award	Amount: \$21,00	0,000 To	tal Award Period Cove	ered: 10/01/2014	-09/30/2019	
Location of F	Project: Global	sc. a. c. Silbrer.		100		
	ths Per Year Co	mmitted to the	Cal:	b) (4), Acad:	Sumr:	



The following information should be provided for each information may delay consideration of this proposal.	n investigator and other senior personnel.	Failure to provide this
information may delay consideration of this proposal.	Other agencies (including NSF) to which this pr	oposal has been/will be submitted.
Investigator: Ralph Baric		
Support:	Submission Planned in Near Future	
Project/Proposal Title:		
Natural history, immunity, and transmission patterns of sap Source of Support: NIH	ovirus in a Nicaraguan birth cohort	
Total Award Amount: \$500,513 Total Av	vard Period Covered: 09/27/16-08/31/21	
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (c) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Nicaraguan Emerging and Endemic Diseases (NEED) Source of Support: NIH		
Total Award Amount: \$230,000 Total Av	vard Period Covered: 05/10/18-02/28/23	
Location of Project: UNC Chapel Hill	(6) (4),	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ Transfer of Support
Project/Proposal Title:		
Molecular Characterization of Functional RNA Structures in Source of Support: NIH	the ZikV genome	
	vard Period Covered 02/05/18-01/31/20	
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	
Project/Proposal Title:		Takinggan Santanaharan (M. Pauritton)
Understanding the Risk of Bat Coronavirus Emergence		
Source of Support: NIAID		
Total Award Amount \$3,586,760 Total Av	vard Period Covered: 06/01/2019 - 5/31/20	24
Location of Project: EcoHealth Alliance and International F		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Antiviral Drug Discovery and Development Center		
Source of Support: NIH/NIAID		
The state of the s	vard Period Covered: 03/01/19-02/28/20	
Location of Project: UNC Chapel Hill	(b) (4).	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
*If this project has previously been funded by another preceding funding period.	agency, please list and furnish information	on for immediately

NSF Form 1239 (10/99)

information may delay consideration of this proposal.	9	Failure to provide this
	Other agencies (including NSF) to which this pro	onceal has been/will be submitted
Investigator: Ralph Baric	Other agencies (including NSF) to which this pri	oposal has been will be submitted.
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Systems Immunogenetics of Biodefense Pathogens in the Source of Support: NIH/NIAID	Collaborative Cross	
	vard Period Covered: 08/05/12-08/31/22	
	varu Period Govered. 06/05/12-06/31/22	
Location of Project: UNC Chapel Hill	(b) (4),	_
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Diagnostic and Prognostic Biomarkers for Viral Severe Lur Source of Support: NIH/NIAID	ng Disease	
Total Award Amount: \$584,891 Total Av	vard Period Covered: 03/01/14-02/28/20	
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ Transfer of Support
Project/Proposal Title:		
ACC 14.5.5.5.0.5.00 (ACC 25.5.0.0.0.0.5.5.5.5.5.5.5.5.5.5.5.5.5.5		
Preclinical Assays To Predict Tetravalent Dengue Vaccine Source of Support: NIH/NIAID	Efficacy	
Source of Support. With MAID		
Total Award Amount: \$949 909 Total Av	ward Pariod Covered 05/04/16 04/20/21	
	vard Period Covered 05/04/16-04/30/21	
Location of Project: UNC Chapel Hill		S.,,,,,,
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project.	Cal: (b) (4). Acad:	Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support: Current Pending		Sumr: 'Transfer of Support
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project.	Cal: (b) (4). Acad:	2500000
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title:	Cal: (b) (4). Acad: Submission Planned in Near Future	2500000
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future	2500000
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4), Acad: Submission Planned in Near Future Sign and Pathogenesis	2500000
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future	2500000
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future ssion and Pathogenesis vard Period Covered: 04/20/15-03/31/20	☐ *Transfer of Support
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future Submiss	☐ *Transfer of Support Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future Submission and Pathogenesis Vard Period Covered: 04/20/15-03/31/20	☐ *Transfer of Support
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future Submiss	☐ *Transfer of Support Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future ssion and Pathogenesis vard Period Covered: 04/20/15-03/31/20 Cal: (b) (4). Acad: Submission Planned in Near Future	☐ *Transfer of Support Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future ssion and Pathogenesis vard Period Covered: 04/20/15-03/31/20 Cal: (b) (4). Acad: Submission Planned in Near Future	☐ *Transfer of Support Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future ssion and Pathogenesis vard Period Covered: 04/20/15-03/31/20 Cal: (b) (4). Acad: Submission Planned in Near Future	☐ *Transfer of Support Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future ssion and Pathogenesis vard Period Covered: 04/20/15-03/31/20 Cal: (b) (4). Acad: Submission Planned in Near Future Virus Infection	☐ *Transfer of Support Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future ssion and Pathogenesis vard Period Covered: 04/20/15-03/31/20 Cal: (b) (4). Acad: Submission Planned in Near Future Virus Infection vard Period Covered: 02/01/18-1/31/20	☐ *Transfer of Support Sumr:
Location of Project: UNC Chapel Hill Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Acad: Submission Planned in Near Future ssion and Pathogenesis vard Period Covered: 04/20/15-03/31/20 Cal: (b) (4). Acad: Submission Planned in Near Future Virus Infection vard Period Covered: 02/01/18-1/31/20 Cal: (b) (4). Acad:	Sumr: Sumr: Sumr:

The following information should be provided fo information may delay consideration of this property.		stigator and other s	enior personne	l. Failure to provide this
information may delay consideration of this prop		r agencies (including N	ISF) to which this	proposal has been/will be submitted.
Investigator: Ralph Baric				
Support:	Subm	nission Planned in Ne	ear Future	☐ *Transfer of Support
Project/Proposal Title:				
Determinants of Coronavirus Fidelity in Replication a Source of Support: NIH/NIAID	and Pathogen	esis		
Total Award Amount: \$532,971	otal Award Po	eriod Covered: 03/0	1/18-02/28/23	
Location of Project: UNC Chapel Hill		A. (A)		
Person-Months Per Year Committed to the Project.		Cal: (b) (4),	Acad:	Sumr:
Support:	Subm	nission Planned in Ne	ear Future	☐ *Transfer of Support
Project/Proposal Title:				
Broad-spectrum antiviral GS-5734 to treat MERS-Co Source of Support: NIH	oV and relate	d emerging CoV		
Total Award Amount: \$919,427	otal Award P	eriod Covered: 08/09	9/17-07/31/22	
Location of Project: UNC Chapel Hill				
Person-Months Per Year Committed to the Project.		Cal: (b) (4),	Acad:	Sumr:
Support:	Subm	nission Planned in Ne	ear Future	☐ Transfer of Support
Project/Proposal Title:				
Receptor recognition and cell entry of coronaviruses				
Source of Support: NIH				
	otal Award P	eriod Covered: 06/07	7/16-05/31/21	
Location of Project: UNC Chapel Hill		(b) (4),		
Person-Months Per Year Committed to the Project.		Cal: (b) (6)	Acad:	Sumr:
Support:	Subm	nission Planned in Ne	ear Future	☐ *Transfer of Support
Project/Proposal Title:				
Molecular Basis of Dengue Virus Neutralization by H	luman Antibo	dies		
Source of Support: NIH/NIAID	-1-1/4 1.0		T 1.0. 0.0 0.1 0.0.	
	otal Award P	eriod Covered: 08/05	5/13-08/31/23	
Location of Project: UNC Chapel Hill		(b) (4),	0.4.55.51.4.50	1 - 1000000000
Person-Months Per Year Committed to the Project.		(b) (6)	Acad:	Sumr:
Support:	☐ Subm	nission Planned in Ne	ear Future	☐ *Transfer of Support
Project/Proposal Title:				
The Development of Nevertines Immunity in Early Ch	المسم لممحالما:	liantiana fav Nava	dava Massiass	
The Development of Norovirus Immunity in Early Ch Source of Support: NIH/NIAID	iidribod and ii	riplications for Noro	vaccines	
	otal Award P	eriod Covered: 12/06	6/18-11/30/23	
Location of Project: UNC Chapel Hill				
Person-Months Per Year Committed to the Project.		(b) (4), (c) (6)	Acad:	Sumr:
			/ www.	outili.
*If this project has previously been funded by an	nother agen		furnish informa	tion for immediately

		ld be provided for e ration of this propos		tigator and	other se	enior person	nnel. Failure to provide this
				r agencies (ir	ncluding N	SF) to which th	nis proposal has been/will be submitted.
Investigator:	Ralph Baric						
Support:	☐ Current	□ Pending	Subm	nission Plani	ned in Ne	ar Future	☐ *Transfer of Support
Project/Propo	sal Title:						
	rus Vaccine and Ad port: NIH/NIAID	juvant Exploration					
The second secon	(I)	<u> 20</u> 79.			1 00/04	110 00/00/01	
Total Award A	mount: \$3,220,355	Tota	a Award Po	eriod Cover	ea: 03/01	/19-02/29/24	
Location of Pr	oject: UNC Chape	Hill			(b) (4),		
Person-Month	s Per Year Commit	ted to the Project.		Cal:	(b) (6)	Acad:	Sumr:
*If this project		een funded by anot	ther agend	cy, please	list and f	urnish inforn	mation for immediately



The following information should be provided for each investigator and other	er senior personnel. Failure to provide this information	may delay consideration of this proposal.
	Other agencies (including NSF) to which this	proposal has been/will be submitted.
Investigator: Noam Ross		
Support: ☐ Current ☐ Pending ☐	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emergen	nce	
Source of Support: NIAID		
Total Award Amount: \$3,586,760 Total Av	vard Period Covered: 06/01/2019 - 5/31/	2024
Location of Project: EcoHealth Aliance and Internation	nal Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4). Acad:	Sumr:
Support:	Submission Planned in Near Future	
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emergen	nce	
R01Al110964		
Source of Support: NIAID		
Total Award Amount: \$3,086,735 Total Av	vard Period Covered: 06/01/14 - 05/31/1	9
Location of Project: EcoHealth Aliance and Internation	nal Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
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Source of Support:		
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NSF Form 1239 (7/95)

The lollowing information should be provided for each investigator and o	other senior personnel. Failure to provide this information r	may delay consideration of this proposal.
	Other agencies (including NSF) to which this p	roposal has been/will be submitted.
Investigator: Alice Latinne		
Support:	☐ Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emerg	jence	
Source of Support: NIAID		
Total Award Amount: \$3,586,7 Total	Award Period Covered: 06/01/2019 - 5/31/2	2024
Location of Project: EcoHealth Alliance and Internat	tional Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (c) (b) (6) Acad:	Sumr:
Support:	☐ Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		_
Understanding the Risk of Bat Coronavirus Emerg	ience	
R01Al110964		
Source of Support: NIAID		
Total Award Amount: \$3,086,735 Total	Award Period Covered: 06/01/14 - 05/31/19	i e
Location of Project: EcoHealth Aliance and Internati	ional Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
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Source of Support:		
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Total Award Amount: \$ Total	Award Period Covered: Cal: Acad:	Sumr:
Total Award Amount: \$ Total Location of Project:		Sumr: "Transfer of Support
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NSF Form 1239 (7/95)

The lonewing information should be provided for each investigator and diff	ner senior personnel. Failure to provide this information	may delay consideration of this proposal.
	Other agencies (including NSF) to which this	proposal has been/will be submitted.
Investigator: Hongying Li	Į.	
Support: Current Pending	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emerge	nce	
Source of Support: NIAID		
Total Award Amount: \$3,586,760 Total A	ward Period Covered: 06/01/2019 - 5/31/2	2024
Location of Project: EcoHealth Aliance and Internatio		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		A STATE OF THE STA
Understanding the Risk of Bat Coronavirus Emerge	nce	
R01Al110964		
Source of Support: NIAID		
Total Award Amount: \$3,086,735 Total A	ward Period Covered: 06/01/14 - 05/31/19	9
Location of Project: EcoHealth Aliance and Internatio	nal Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
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Source of Support:		
	ward Period Covered:	
	ward Period Covered:	
Total Award Amount: \$ Total A	ward Period Covered: Cal: Acad:	Sumr:
Total Award Amount: \$ Total A Location of Project:		Sumr: Sumr: Sumr:
Total Award Amount: \$ Total A Location of Project: Person-Months Per Year Committed to the Project.	Cal: Acad:	
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NSF Form 1239 (7/95)

information may delay consideration of this proposal.		Failure to provide this
	Other agencies (including NSF) to which this pr	oposal has been/will be submitted.
Investigator: Leilani Francisco		
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		and the second second second
CNH-L: Land-use change and microbial spillover as a	coupled natural-human system	
O NOT ONLY		
Source of Support: NSF CNH		
	rard Period Covered: 07/1/2018-07/1/2021	
Location of Project: EcoHealth Alliance, Uganda and Malay	(b) (4)	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
THEBIOT-2		
Source of Support: USAID Emerging Pandemic Threats		
	vard Period Covered: 10/1/2017 – 9/30/20	18
Location of Project: EcoHealth Alliance, subcontract from		
Person-Months Per Year Committed to the Project.	Cal: (b) (4). Acad:	Sumr:
	Submission Planned in Near Future	*Transfer of Support
Project/Proposal Title:	Submission riamica in real rature	I Transier of Support
Understanding the Risk of Bat Coronavirus Emergence	e	
Source of Support: NIAID		
Total Award Amount: \$3,586,760 Total Aw	D 1 0 1 00/01/0010 F/01/00	
	ard Period Covered: 06/01/2019 - 5/31/20	24
Location of Project: EcoHealth Alliance and International		024
Location of Project: EcoHealth Alliance and International Person-Months Per Year Committed to the Project.		Sumr:
	al Field and Lab Locations	
Person-Months Per Year Committed to the Project.	al Field and Lab Locations (b) (4). Cal: (b) (6) Acad:	Sumr:
Person-Months Per Year Committed to the Project. Support: Current Pending	al Field and Lab Locations (b) (4). Cal: (b) (6) Acad:	Sumr:
Person-Months Per Year Committed to the Project. Support:	al Field and Lab Locations (b) (4). Cal: (b) (6) Acad:	Sumr:
Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title: Source of Support:	Cal: (b) (4), Acad: Submission Planned in Near Future	Sumr:
Person-Months Per Year Committed to the Project. Support:	al Field and Lab Locations (b) (4). Cal: (b) (6) Acad:	Sumr:
Person-Months Per Year Committed to the Project. Support: Current Pending Pending Source of Support: Total Award Amount: Tot	Cal: (b) (4). Cal: (b) (6). Acad: Submission Planned in Near Future	Sumr: *Transfer of Support
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Person-Months Per Year Committed to the Project. Support: Current Pending Pending Source of Support: Total Award Amount: Total Award Award Amount: Total Award Award Amount: Person-Months Per Year Committed to the Project. Support: Current Pending	Cal: (b) (4). Cal: (b) (6). Acad: Submission Planned in Near Future	Sumr: *Transfer of Support
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Person-Months Per Year Committed to the Project. Support: Current Pending Pending Source of Support: Total Award Amount: Total Award Award Amount: Total Award Award Amount: Person-Months Per Year Committed to the Project. Support: Current Pending	Cal: (b) (4), Acad: Submission Planned in Near Future Pard Period Covered: Cal: Acad: Acad:	Sumr: *Transfer of Support Sumr:
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Person-Months Per Year Committed to the Project. Support:	Cal: (b) (4). Cal: (b) (6) Acad: Submission Planned in Near Future Pard Period Covered: Cal: Acad: Submission Planned in Near Future Pard Period Covered: Cal: Acad: Cal: Acad: Cal: Acad:	Sumr: Sumr: Sumr: *Transfer of Support Sumr: Sumr:

NSF Form 1239 (10/99)



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information may delay consideration of this propo		aleba and a second base of the second and a second
Investigator: Amy Sime	Other agencies (including NSF) to which	this proposal has been/will be submitted.
Investigator: Amy Sims	O Colorinalia Blassadia Nasa Fotosa	□ *T
Support:	☐ Submission Planned in Near Future	☐ *Transfer of Support
Froject/Froposal fille.		
Understanding the Risk of Bat Coronavirus Emergence Source of Support: NIAID		
Total Award Amount: \$3,586,760 Total	Award Period Covered: 06/01/2019 - 5/3	31/2024
Location of Project: EcoHealth Aliance and Internation	al Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	☐ Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
•		
Mechanisms of MERS-CoV Entry, Cross-Species Tran Source of Support: NIH/NIAID	smission and Pathogenesis	
Total Award Amount: \$605,933 Total	Award Period Covered: 04/20/15 - 03/31	/2020
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	☐ Submission Planned in Near Future	☐ Transfer of Support
Project/Proposal Title:		
MERS-CoV Supplement for OMICs Proposal Source of Support: NIH		
Total Award Amount: \$87,000 Total	Award Period Covered 06/01/13 05/31/1	9—
Location of Project: University of Wisconsin		
Person-Months Per Year Committed to the Project.	Cal. (b) (4), Acad:	Sumr:
Support:	☐ Submission Planned in Near Future	
Project/Proposal Title:		
Antiviral Drug Discovery and Development Center		
Source of Support: NIH/NIAID		
Total Award Amount \$2,250,000 Total	Award Period Covered: 03/01/19-02/28	/24
	nal Field and Lab Locations	/24
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project.	nal Field and Lab Locations Cal: (b) (4), (b) (6) Acad:	Sumr:
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending	nal Field and Lab Locations	
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project.	nal Field and Lab Locations Cal: (b) (4), (b) (6) Acad:	Sumr:
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title:	Cal: (b) (4), (b) (6) Acad: Submission Planned in Near Future	Sumr:
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title: Diagnostic and Prognostic Biomarkers for Viral Severe Source of Support: NIH/NIAID	Cal: (b) (4). Acad: Submission Planned in Near Future Lung Disease	Sumr: *Transfer of Support
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title: Diagnostic and Prognostic Biomarkers for Viral Severe Source of Support: NIH/NIAID Total Award Amount: \$889,074 Total	Cal: (b) (4), (b) (6) Acad: Submission Planned in Near Future	Sumr: *Transfer of Support
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title: Diagnostic and Prognostic Biomarkers for Viral Severe Source of Support: NIH/NIAID	Cal: (b) (4). Acad: Submission Planned in Near Future Lung Disease Award Period Covered: 03/01/14-02/28/	Sumr: *Transfer of Support
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title: Diagnostic and Prognostic Biomarkers for Viral Severe Source of Support: NIH/NIAID Total Award Amount: \$889,074 Total	Cal: (b) (4). Acad: Submission Planned in Near Future Lung Disease	Sumr: *Transfer of Support
Total Award Amount \$2,250,000 Total Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title: Diagnostic and Prognostic Biomarkers for Viral Severe Source of Support: NIH/NIAID Total Award Amount: \$889,074 Location of Project: UNC Chapel Hill	Cal: (b) (4). Acad: Cul: (b) (6) Acad: Cul: (b) (6) Acad: Cul: (b) (6) Acad: Cul: (b) (4). Acad: Cul: (b) (4). Acad: Cul: (b) (4). Acad:	Sumr: *Transfer of Support 20 Sumr:

The following information should be provided for each		el. Failure to provide this
information may delay consideration of this proposal	Other agencies (including NSF) to which this pr	onosal has been/will be submitted
Investigator: Amy Sims	Other agencies (including 1401) to which this pr	oposai nas been/wiii be submitted.
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Mechanisms of MERS-CoV Entry, Cross-species Transmi Source of Support: NIH/NIAID	ssion and Pathogenesis	
Total Award Amount: \$605,933 Total Av	vard Period Covered: 04/20/15-03/31/20	
Location of Project: EcoHealth Aliance and International F	Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
The state of the s		
Broad-spectrum antiviral GS-5734 to treat MERS-CoV and	d related emerging CoV	
Source of Support: NIH		
Total Award Amount: \$919,427 Total Av	vard Period Covered: 08/09/17 - 07/31/22	
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support: ☐ Current ☐ Pending ☐	Submission Planned in Near Future	☐ Transfer of Support
Project/Proposal Title:		
How MERS-CoV Regulates Innate Immunity in Primary Ho Source of Support: NIH	uman Lung Cells	
Total Award Amount: \$250,000 Total Av	vard Period Covered 07/01/19-06/30/21	
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	
Project/Proposal Title:		
How MERS-CoV Regulates Innate Immunity in Primary Ho	uman Lung Cells	
Source of Support: NIH		
Total Award Amount \$275,000 Total Av	vard Period Covered: 03/01/19-02/28/24	
Location of Project: UNC Chapel Hill		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
*If this project has previously been funded by another	(0)(0)	ation for immediately
preceding funding period.		

The following information should be provided for each investigator and of	ther senior personnel. Failure to provide this	information may delay consideration of this proposal.
	Other agencies (including NSF) to	which this proposal has been/will be submitted.
Investigator: Emily Hagan	<u></u>	
Support: Current Pending	Submission Planned in Nea	Future
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emerge	ence	
Source of Support: NIAID		
	Award Period Covered: 06/01/201	9 - 5/31/2024
Location of Project: EcoHealth Aliance and Internation		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (b) (6) Aca	100 m
Support:	Submission Planned in Nea	Future
Project/Proposal Title:		
Source of Support:		
Total Award Amount: \$ Total	Award Period Covered:	
Location of Project:		
Person-Months Per Year Committed to the Project.	Cal: Aca	- Cultility
Support:	Submission Planned in Nea	Future
Project/Proposal Title:		
Source of Support:		
Contraction and the second sec	Award Period Covered:	
Location of Project:		22.
Person-Months Per Year Committed to the Project.	Cal: Aca	
Support: Current Pending	Submission Planned in Nea	Future
Project/Proposal Title:		
Course of Cupports		
Source of Support:	Award Period Covered:	
	Award Period Covered:	
Location of Project:	0.1	
Person-Months Per Year Committed to the Project.	Cal: Aca Submission Planned in Nea	
Support:	Submission Planned in Nea	Future
Project/Proposal fitte.		
Source of Support:		
L TOTAL AWARD AMOUNT: A	Award Period Covered:	
	Award Period Covered:	
Location of Project: Person-Months Per Year Committed to the Project.	Award Period Covered: Cal: Aca	d: Sumr:

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The following information should be provided for each investigator and other	her senior personnel. Failure to provide this information	may delay consideration of this proposal.
	Other agencies (including NSF) to which this p	proposal has been/will be submitted.
Investigator: Guangjian Zhu		
Support: Current Pending	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emerge	ence	
A HAIR		
Source of Support: NIAID		
The state of the s	Award Period Covered: 06/01/2019 - 5/31/2	2024
Location of Project: EcoHealth Aliance and Internation		-
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Understanding the Risk of Bat Coronavirus Emerge	ence	
1R01Al110964		
Source of Support: NIAID		
The state of the s	Award Period Covered: 06/01/2014- 5/31/2	019
Location of Project: EcoHealth Alliance	(A) (A)	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	☐ Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Course of Coursests		
Source of Support:	August David Courses	
The second control of	Award Period Covered:	
Location of Project: Person-Months Per Year Committed to the Project.	Call O O	S
Support:	Cal: 0.0 Acad: Submission Planned in Near Future	Sumr: *Transfer of Support
Project/Proposal Title:	Submission named in Near 1 didie	I transfer of Support
Trojecti Toposai Tite.		
Source of Support:		
	Award Period Covered:	
Location of Project:		
Person-Months Per Year Committed to the Project.	Cal: Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Source of Support:		
the state of the s	Award Period Covered:	
	Award Period Covered:	
Total Award Amount: \$ Total A	Cal: Acad:	Sumr:

NSF Form 1239 (7/95)

The following information should be provided for each i information may delay consideration of this proposal.	nvestigator and other ser	nior personnel.	Failure to provide this
	Other agencies (including Natural Natura	ISF) to which this	s proposal has been/will be
Investigator: Linfa Wang	oddiniktod.		
Support:	Submission Planned in Nea	r Future	☐ *Transfer of Support
Source of Support: NIAID			
Total Award Amount: \$3,586,760 Total Awa	rd Period Covered: 06/01/2	2019 - 5/31/2024	l, '
Location of Project: EcoHealth Aliance and International Field	d and Lab Locations		
Person-Months Per Year Committed to the Project.	Cal:	Acad:	Sumr:
Support:	Submission Planned in Nea	r Future	☐ Transfer of Support
Combating the next SARS-or MERS-like emerging infectious	disease outbreak by active	e surveillance	
Source of Support: National Research Foundation, Singapor	е		
	rd Period Covered: 01/01/2	2017 - 31/12/201	9
Location of Project: Duke-NUS Medical School, Singapore	(L) (A)		
Person-Months Per Year Committed to the Project.	Cal: (b) (4),	Acad:	Sumr:
	Submission Planned in Nea	r Future	☐ *Transfer of Support
Project/Proposal Title:			
Investigating Febrile Deaths in Tanzania (INDITE)			
Source of Support: NIH			
	rd Period Covered: 01/01/	2016 - 31/12/20	20
Location of Project: Duke-NUS Medical School, Singapore			
Person-Months Per Year Committed to the Project.	Cal: (b) (4), (b) (6)	Acad:	Sumr:
*If this project has previously been funded by another a preceding funding period.	gency, please list and fu	rnish informatio	on for immediately

NSF Form 1239 (10/99)

The following information should be provided for each investigator and other	4		
No. 190 No. 19	Other agencies (including NSF)	to which this pro	oposal has been/will be submitted.
Investigator: Lili Ren			
Support: Current Pending	Submission Planned in Ne	ar Future	☐ *Transfer of Support
Project/Proposal Title:			
Understanding the Risk of Bat Coronavirus Emerger	nce		
A NIAID			
Source of Support: NIAID	10 : 10 100/04/04	040 5/04/00	.04
	ward Period Covered: 06/01/20	019 - 5/31/20	124
Location of Project: EcoHealth Aliance and Internation	(b) (4),		0
Person-Months Per Year Committed to the Project.	(-) (-)	cad:	Sumr:
Support:	Submission Planned in Ne	ar Future	
Key Project of Infectious Diseases			
Etiology of respiratory tract infections and viral variation			
Source of Support: Ministry of Science and Technolog			
Total Award Amount: \$812,000 Total Av	ward Period Covered: 01/01/20	017 - 12/31/2	2020
Location of Project: China	(b) (4).		
Person-Months Per Year Committed to the Project.	Jan (0) (0)	cad:	Sumr:
Support:	Submission Planned in Ne	ar Future	☐ *Transfer of Support
Project/Proposal Title:			
Key Project of Infectious Diseases			
Techniques for pathogens indentification of respirate Source of Support: Ministry of Science and Technolog			
Total Award Amount: \$222,300 Total Av	ward Period Covered: 1/01/20	18 - 12/31/20	20
Location of Project: China	(b) (4),		
Person-Months Per Year Committed to the Project.	Cal: (b) (6) A	cad:	Sumr:
Support:] Submission Planned in Ne	ar Future	☐ *Transfer of Support
Project/Proposal Title:			
2			
Source of Support:			
	ward Period Covered:		
Location of Project:			
Person-Months Per Year Committed to the Project.	Cal: Ad Submission Planned in Ne	cad:	Sumr:
Support:	Submission Planned in Ne	ar Future	☐ *Transfer of Support
Project/Proposal file.			
Source of Support:			
Source of Support: Total Award Amount: \$ Total Ay	ward Period Covered:		
Total Award Amount: \$ Total Av	ward Period Covered:		
		cad:	Sumr:

NSF Form 1239 (7/95)

The following information should be provided for each investigator and	other senior personnel. Failure to pro	vide this information i	may delay consideration of this proposal.
	Other agencies (including N	NSF) to which this p	proposal has been/will be submitted.
Investigator: Guo Li			
Support:	☐ Submission Planned in	Near Future	☐ *Transfer of Support
Project/Proposal Title:			
Understanding the Risk of Bat Coronavirus Emerg	gence		
Source of Support: NIAID			
Total Award Amount: \$3,586,760 Total	I Award Period Covered: 06/0	1/2019 - 5/31/2	2024
Location of Project: EcoHealth Aliance and Interna	tional Field and Lab Location	ons	
Person-Months Per Year Committed to the Project.	Cal: (b) (4),	Acad:	Sumr:
Support:	☐ Submission Planned in	Near Future	☐ *Transfer of Support
Project/Proposal Title:			
Key technologies for the identification and identification	cation of important		
respiratory viruses and establishment of reference			
Source of Support: Ministry of Science and Techno			
Total Award Amount: \$255,401 Total	I Award Period Covered: 01/0	1/2018 - 12/31	/2020
Location of Project: China			
Person-Months Per Year Committed to the Project.	6 Cal: (b) (4),	Acad:	Sumr:
Support:	Submission Planned in	Near Future	□ *Transfer of Support
Project/Proposal Title:			
CATALOGICA AND AND AND AND AND AND AND AND AND AN			
Source of Support:			
Total Award Amount: \$ Total	I Award Period Covered:		
Location of Project:			
Person-Months Per Year Committed to the Project.	Cal:	Acad:	Sumr:
Support:	☐ Submission Planned in	Near Future	☐ *Transfer of Support
Project/Proposal Title:			
Source of Support:			
Total Award Amount: \$ Total	I Award Period Covered:		
Location of Project:			
Person-Months Per Year Committed to the Project.	Cal:	Acad:	Sumr:
Support:	☐ Submission Planned in	Near Future	☐ *Transfer of Support
Project/Proposal Title:			
Source of Support:			
	I Award Period Covered:		
	I Award Period Covered:		
Total Award Amount: \$ Total	Cal:	Acad:	Sumr:

NSF Form 1239 (7/95)

The following information should be provided for each investigator and other	er senior personnel. Failure to provide this information r	may delay consideration of this proposal.
	Other agencies (including NSF) to which this p	proposal has been/will be submitted.
Investigator: Peng Zhou		
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emergen	ice	
Source of Support: NIAID		
The second secon	vard Period Covered: 06/01/2019 - 5/31/2	2024
Location of Project: EcoHealth Aliance and Internation		
Person-Months Per Year Committed to the Project.	Cal: (b) (4). Acad:	Sumr:
Support:	Submission Planned in Near Future	*Transfer of Support
Project/Proposal Title:	Submission Flamed in Near Future	☐ Transier or Support
135 (1907) (1975	mfactions	
Combating the next SARS- or MERS-like emerging i	nrectious	
disease outbreak by improving active surveillance Source of Support: National Natural Science Foundati	on of China	
The contraction of the state of	vard Period Covered: 01/01/2017-12/31/2	2010
[10] The Performance of the Control		1019
Location of Project: Wuhan Institute of Virology, CAS	(b) (4)	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Interferon responses in SARS-Like Coronavirus infe	cted	
Bat cells		
Source of Support: National Basic Research program	of China	
	vard Period Covered: 01/01/2018-12/31/2	0000
	vard Period Covered. 01/01/2016-12/31/2	1022
Location of Project: Wuhan Institute of Virology, CAS	(b) (4),	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Bat Virology		
	1.01	
Source of Support: National Natural Science Foundati		
	vard Period Covered: 01/01/2019-12/31/2	2021
Location of Project: Wuhan Institute of Virology	(b) (4),	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	*Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emergen	ice	
R01Al110964		
Source of Support: NIAID		
Total Award Amount: \$3,086,735 Total Av	vard Period Covered: 06/01/14 - 05/31/19)
Location of Project: EcoHealth Aliance and Internation		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
*If this project has previously been funded by another agency, please list ar		period.

NSF Form 1239 (7/95)

The following information should be provided for each investigator and other	er senior personnel. Failure to provide this information n	nay delay consideration of this proposal.
	Other agencies (including NSF) to which this p	roposal has been/will be submitted.
Investigator: Ben Hu	4	
Support: Current Pending	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emergen	nce	
Source of Support: NIAID		
The transfer of the contract o	vard Period Covered: 06/01/2019 - 5/31/2	024
Location of Project: EcoHealth Aliance and Internation		
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support: Current Pending	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Pathogenicity studies of two novel bat SARSr-CoVs	on transgenic mice	
expressing human ACE2		
Source of Support: National Natural Science Foundati		
	vard Period Covered: 01/01/2019-12/31/2	021
Location of Project: Wuhan Institute of Virology, C	(b) (4)	
Person-Months Per Year Committed to the Project.	Cal: (b) (4), Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emergen	ice	
R01Al110964		
Source of Support: NIAID		
The state of the s	vard Period Covered: 06/01/14 - 05/31/19	
Location of Project: EcoHealth Aliance and Internation	(b) (1)	-12
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Bat Virology		
Source of Support: National Natural Science Foundati	on of China	
	vard Period Covered: 01/01/2019-12/31/2	021
Total Award Amount: \$232,836 Total Aw Location of Project: Wuhan Institute of Virology, CAS	vard Period Covered: 01/01/2019-12/31/2	021
	(b) (4),	0
Person-Months Per Year Committed to the Project. Support: Current Pending	Cal: (b) (6) Acad: Submission Planned in Near Future	Sumr: *Transfer of Support
Project/Proposal Title:	Submission Flamed in Near Future	☐ Transier of Support
And the second s		
PREDICT-2		
Source of Support: USAID		
	vard Period Covered: 10/01/2014- 09/201	9
Location of Project: EcoHealth Alliance, subcontract fr		*
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
*If this project has previously been funded by another agency, please list ar		

NSF Form 1239 (7/95)

The following information should be provided for each investigator and oth	her senior personnel. Failure to provide this information n	nay delay consideration of this proposal.
	Other agencies (including NSF) to which this p	roposal has been/will be submitted.
Investigator: Aleksei Chmura		
Support: Current Pending	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
U.SChina Collab: Spillover, co-infection and control	ol of bat-origin	
livestock coranavirusese		
Source of Support: NSF		
7-12-20-21-20-20-21-20-21-20-21-20-21-20-21-20-21-20-21-20-21-20-21-20-21-20-20-21-20-20-21-20-20-20-20-20-20-20-20-20-20-20-20-20-	ward Period Covered: 07/01/2019 - 6/30/2	024
Location of Project: US International Field and Labora	atory Locations (b) (4).	
Person-Months Per Year Committed to the Project.	Cal: (b) (6) Acad:	Sumr:
Support:	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emerger	nce	
R01Al110964		
Source of Support: NIAID		
Total Award Amount: \$3,086,735 Total A	ward Period Covered: 06/01/14 - 05/31/19	
Location of Project: EcoHealth Aliance and Internatio	onal Field and Lab Locations	
Person-Months Per Year Committed to the Project.	Cal: (b) (4). Acad:	Sumr:
Support: ☐ Current ☐ Pending ☐	Submission Planned in Near Future	☐ *Transfer of Support
Project/Proposal Title:		
Understanding the Risk of Bat Coronavirus Emerger	ince	
1.5	1100	
NIAID	NO.	
Source of Support: NIAID		
Total Award Amount: \$3,586,760 Total A	ward Period Covered: 06/01/2019 - 5/31/2	024
Total Award Amount: \$3,586,760 Total A Location of Project: EcoHealth Alliance and Internation	ward Period Covered: 06/01/2019 - 5/31/2	
Total Award Amount: \$3,586,760 Total A Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project.	ward Period Covered: 06/01/2019 - 5/31/2 onal Field and Lab Locat Cal: (6) (4), (6) Acad:	Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending	ward Period Covered: 06/01/2019 - 5/31/2	
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Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending	ward Period Covered: 06/01/2019 - 5/31/2 onal Field and Lab Locat Cal: (6) (4), (6) Acad:	Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title:	ward Period Covered: 06/01/2019 - 5/31/2 onal Field and Lab Locat Cal: (6) (4), (6) Acad:	Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title:	ward Period Covered: 06/01/2019 - 5/31/2 onal Field and Lab Locat Cal: (6) (4), (b) Acad: Submission Planned in Near Future	Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Project/Proposal Title: Source of Support: Total Award Amount: \$ Total A	ward Period Covered: 06/01/2019 - 5/31/2 onal Field and Lab Locat Cal: (6) (4), (6) Acad:	Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Pending Project/Proposal Title: Source of Support: Total Award Amount: \$ Location of Project:	award Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) Acad: Submission Planned in Near Future	Sumr: *Transfer of Support
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Pending Project/Proposal Title: Source of Support: Total Award Amount: \$ Total Award Amount: \$ Total Award Amount: \$ Person-Months Per Year Committed to the Project.	award Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) Acad: Submission Planned in Near Future award Period Covered: Cal: Acad:	Sumr: *Transfer of Support Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Pending Project/Proposal Title: Source of Support: Total Award Amount: \$ Total Award Amount: \$ Total Award Amount: \$ Person-Months Per Year Committed to the Project. Support: Current Pending	award Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) Acad: Submission Planned in Near Future	Sumr: *Transfer of Support
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Pending Project/Proposal Title: Source of Support: Total Award Amount: \$ Total Award Amount: \$ Total Award Amount: \$ Person-Months Per Year Committed to the Project.	award Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) Acad: Submission Planned in Near Future award Period Covered: Cal: Acad:	Sumr: *Transfer of Support Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Pending Project/Proposal Title: Source of Support: Total Award Amount: \$ Total Award Amount: \$ Total Award Amount: \$ Person-Months Per Year Committed to the Project. Support: Current Pending	award Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) Acad: Submission Planned in Near Future award Period Covered: Cal: Acad:	Sumr: *Transfer of Support Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support: Current Pending Pending Project/Proposal Title: Source of Support: Total Award Amount: \$ Location of Project: Person-Months Per Year Committed to the Project. Support: Current Pending Pending Project/Proposal Title:	award Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) Acad: Submission Planned in Near Future award Period Covered: Cal: Acad:	Sumr: *Transfer of Support Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support:	ward Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) (4) (6) Acad: Submission Planned in Near Future ward Period Covered: Cal: Acad: Submission Planned in Near Future	Sumr: *Transfer of Support Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support:	award Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) Acad: Submission Planned in Near Future award Period Covered: Cal: Acad:	Sumr: *Transfer of Support Sumr:
Total Award Amount: \$3,586,760 Location of Project: EcoHealth Alliance and Internation Person-Months Per Year Committed to the Project. Support:	ward Period Covered: 06/01/2019 - 5/31/2 conal Field and Lab Locat Cal: (6) (4) (6) Acad: Submission Planned in Near Future ward Period Covered: Cal: Acad: Submission Planned in Near Future	Sumr: *Transfer of Support Sumr:

NSF Form 1239 (7/95)



06 May 2019

Tseday Girma
Grants Management Specialist
National Institutes of Allergy and Infectious Diseases
5601 Fishers Lane, Room 4E24
Rockville, MD 20852

Dear Tseday,

Please find below our responses to the requested Just-in-Time information requested in your email dated 30 April 2019 for our proposal (2R01Al110964) titled *Understanding the Risk of Bat Coronavirus Emergence* (PI, Daszak).

- 1) <u>Current Other Support:</u> Our AOR/SRO has uploaded the other current support information for all senior/key personnel on our proposal via the eRA Commons JIT page.
- 2) IRB Approval Date: Our current (1R01Al110964) NIAID human subject research IRB approvals from Hummingbird IRB and the Medical Ethics Review Board at the School of Health Sciences of Wuhan University are still valid until October 1, 2019. The human subject research study under our proposal (2R01Al110964) will be reviewed for approval by both US and Chinese IRBs through Hummingbird IRB (IORG0007741, IRB00009289, US) and the Medical Ethics Review Board of the Institute of Pathogen Biology of the Chinese Academy of Medical Sciences (FWA00016236, China). Our new human subject research protocol will be submitted to both IRBs by the deadline of 01 June 2019 with review and approvals expected no later than the Meeting and Approval Date of 31 July 2019. We will inform NIAID immediately upon confirmation and provide the date in eRA Commons.

- 3) <u>Dissemination Plan required for NIH-funded clinical trial</u>: No clinical trials are planned under our proposed work. We have human subjects and have provided both the Study Population Criteria and Protection & Monitoring Plan in our proposal.
- 4) <u>Documentation of the Required Education in the Protection of Human Subject Research</u>

 <u>Participants:</u> All key personnel involved with human subject research have passed the

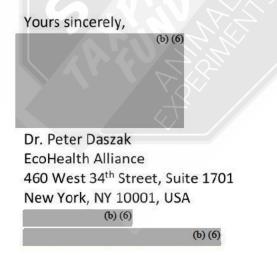
 Collaborative Institutional Training Initiative (CITI) Program Human Subjects Research

 Course. All details have been uploaded via the eRA Commons JIT page.
- 5) <u>IACUC:</u> Our current (1R01Al110964) NIAID protocol IACUC approval is from Tufts University (#G2017-32) through our inter-institutional agreement with them and this expires on 29 February 2020. The OLAW Assurance number listed in eRA Commons (A4059-01) is correct. We will submit our amended protocol for IACUC review by the pre-review deadline of 15th May 2019. The Tufts IACUC Meeting and Approval Date will be on 5th June 2019, we will inform NIAID immediately upon confirmation and provide the date in eRA Commons.

6) Other:

- a. EcoHealth Alliance's EIN number is 31-1726494
- b. The latest F&A rate agreement for the University of North Carolina Chapel Hill dated 23 November 2016 with a rate of 55% is attached
- c. EcoHealth Alliance's latest F&A rate agreement dated 14 November 2018 with a rate of (b) (4) is attached

If you have any other questions, please contact me anytime. We are very appreciative of your consideration and look forward to further details.



COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN: 566001393A1

ORGANIZATION:

University of North Carolina at Chapel

Hill

2114 Administrative Office Building

CB # 1350

Chapel Hill, NC 27599-1350

DATE:11/23/2016

FILING REF.: The preceding

agreement was dated

05/16/2012

The rates approved in this agreement are for use on grants, contracts and other agreements with the Federal Government, subject to the conditions in Section III.

SECTION I: Facilities And Administrative Cost Rates

RATE TYPES:

FIXED

FINAL

PROV. (PROVISIONAL)

PRED. (PREDETERMINED)

EFFECTIVE PERIOD

TYPE	FROM	TO	RATE(%) LOCATION	APPLICABLE TO
PRED.	07/01/2016	06/30/2017	52.00 On-Campus	Organized Research
PRED.	07/01/2017	06/30/2020	55.50 On-Campus	Organized Research
PRED.	07/01/2016	06/30/2020	28.00 Off-Campus (A)	Organized Research
PRED.	07/01/2016	06/30/2020	26.00 Off-Campus (B)	Organized Research
PRED.	07/01/2016	06/30/2020	50.00 On-Campus	Instruction
PRED.	07/01/2016	06/30/2020	28.00 Off-Campus (A)	Instruction
PRED.	07/01/2016	06/30/2020	26.00 Off-Campus (B)	Instruction
PRED.	07/01/2016	06/30/2020	36.00 On-Campus	Other Sponsored Activities
PRED.	07/01/2016	06/30/2020	28.00 Off-Campus (A)	Other Sponsored Activities
PRED.	07/01/2016	06/30/2020	26.00 Off-Campus (B)	Other Sponsored Activities

ORGANIZATION: University of North Carolina at Chapel Hill

AGREEMENT DATE: 11/23/2016

TYPE	FROM	TO	RATE(%) LOCATION	APPLICABLE TO
PROV.	07/01/2020	Until Amended		Use same rates and conditions as those cited for fiscal year ending June 30, 2020.

*BASE

Modified total direct costs, consisting of all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel and up to the first \$25,000 of each subaward (regardless of the period of performance of the subawards under the award). Modified total direct costs shall exclude equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of \$25,000. Other items may only be excluded when necessary to avoid a serious inequity in the distribution of indirect costs, and with the approval of the cognizant agency for indirect costs.



⁽A) Off-Campus, Adjacent -- Activites performed within the commuting area of Chapel Hill, N.C.

⁽B) Off-Campus, Remote -- Activities performed outside the commuting area of Chapel Hill, N.C.

ORGANIZATION: University of North Carolina at Chapel Hill

AGREEMENT DATE: 11/23/2016

SECTION II: SPECIAL REMARKS

TREATMENT OF FRINGE BENEFITS:

The fringe benefits are specifically identified to each employee and are charged individually as direct costs. The directly claimed fringe benefits are listed below.

TREATMENT OF PAID ABSENCES

Vacation, holiday, sick leave pay and other paid absences are included in salaries and wages and are claimed on grants, contracts and other agreements as part of the normal cost for salaries and wages. Separate claims are not made for the cost of these paid absences.

OFF-CAMPUS DEFINITION: For all activities performed in facilities not owned by the institution or to which rent is directly allocated to the project(s) the off-campus rate will apply. Grants or contracts will not be subject to more than one F&A cost rate. If more than 50% of a project is performed off-campus, the off-campus rate will apply to the entire project.

Treatment of Transit Service and Network Infrastructure: These costs are based on an annual fixed fee assessed on salaries and wages identified to each employee. Costs are subject to the same principles and definitions described in Sections II and III of this agreement.

Fringe Benefits include: Pension/Retirement, FICA/Medicare, Workers' Compensation, Unemployment Insurance, Health Insurance, Short-Term Disability, and State Severance Pay Plan.

Supplemental Fringe Benefits for members of the Physicians and Associates Practice Plan include: Supplemental Health Insurance, Dental Insurance, Supplemental Retirement, Group Life Insurance, Long-Term Disability, Accidental Death & Dismemberment, and Vision.

Equipment means an article of nonexpendable tangible personal property having a useful life of more than one year, and an acquisition cost of \$5,000 or more per unit.

ORGANIZATION: University of North Carolina at Chapel Hill

AGREEMENT DATE: 11/23/2016

SECTION III: GENERAL

A. LIMITATIONS:

The rates in this Agreement are subject to any statutory or administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the organization were included in its facilities and administrative cost principles as finally accepted: such costs are legal obligations of the organization and are allowable under the governing cost principles; (2) The same costs that have been treated as facilities and administrative costs are not claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the organization which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

B. ACCOUNTING CHANGES:

This Agreement is based on the accounting system purported by the organization to be in effect during the Agreement period. Changes to the method of accounting for costs which affect the amount of reimbursement resulting from the use of this Agreement require prior approval of the authorized representative of the cognizant agency. Such changes include, but are not limited to, changes in the charging of a particular type of cost from facilities and administrative to direct. Failure to obtain approval may result in cost disallowances.

C. FIXED RATES:

If a fixed rate is in this Agreement, it is based on an estimate of the costs for the period covered by the rate. When the actual costs for this period are determined, an adjustment will be made to a rate of a future year(s) to compensate for the difference between the costs used to establish the fixed rate and actual costs.

D. USE BY OTHER FEDERAL AGENCIES:

The rates in this Agreement were approved in accordance with the authority in Title 2 of the Code of Federal Regulations, Part 200 (2 CFR 200), and should be applied to grants, contracts and other agreements covered by 2 CFR 200, subject to any limitations in A above. The organization may provide copies of the Agreement to other Federal Agencies to give them early notification of the Agreement.

E. OTHER:

BY THE INSTITUTION:

If any Federal contract, grant or other agreement is reimbursing facilities and administrative costs by a means other than the approved rate(s) in this Agreement, the organization should (1) credit such costs to the affected programs, and (2) apply the approved rate(s) to the appropriate base to identify the proper amount of facilities and administrative costs allocable to these programs.

ON BEHALF OF THE FEDERAL GOVERNMENT:

University of North Carolina at Chapel Hill DEPARTMENT OF HEALTH AND HUMAN SERVICES (INSTITUTION) Digitally signad by Dairyl W. Mayes - A. DN c+US, a+US Covenirount, sur-Hed, aux-PSC, au-People, G 9:2542.1920.302.102.1.1+20001.11869 Darryl W. Mayes -(b)(6)(SIGNATURE) (SIGNATURE) (b)(6)Darryl W. Mayes (NAME) (NAME) (b) (6) Deputy Director, Cost Allocation Services (TITLE) (TITLE) 11/23/2016 (DATE) (DATE) 0309 HHS REPRESENTATIVE: Steven Zuraf (b) (6) Telephone:

THE STATE OF THE S

DEPARTMENT OF THE NAVY

OFFICE OF NAVAL RESEARCH 875 NORTH RANDOLPH STREET SUITE 1425 ARLINGTON, VA 22203-1995

IN REPLY REFER TO:

Agreement Date: November 14, 2018 [Supersedes Agreement Dated: June 30, 2016]

NEGOTIATION AGREEMENT

INSTITUTION:

ECOHEALTH ALLIANCE, INC. 460 WEST 34TH ST. 17TH FLR NEW YORK, NY 10001-2320

The Indirect Cost and Fringe Benefits rates contained herein are for use on grants, contracts and other agreements with all Federal Agencies of the United States of America, in accordance with the provisions and cost principles mandated by 2 CFR Part 200. These rates shall be used for final billing purposes for EcoHealth Alliance, Inc. for Fiscal Year 2017. This rate agreement supersedes all previous rate agreements/determinations for Fiscal Year 2017.

Section I: RATES - TYPE: FINAL (FINAL)

Indirect Rates:

TYPE FROM TO RATE BASE APPLICABLE TO LOCATION (a) All All

Fringe Benefits Rates:

TYPE FROM TO RATE BASE APPLICABLE TO LOCATION (b) (4), (b) All All

DISTRIBUTION BASES

- (a) Modified Total Direct Costs (MTDC) means all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and up to the first \$25,000 of each subaward (regardless of the period of performance of the subawards under the award). MTDC excludes equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of \$25,000.
- (b) Total Salaries and Wages less Donated Services.

SECTION II - GENERAL TERMS AND CONDITIONS

A. LIMITATIONS: Use of the rates set forth under Section I is subject to any statutory or administrative limitations and is applicable to a given grant, contract, or other agreement only to the extent that funds are available. Acceptance of the rates agreed to herein is predicated upon the following conditions: (1) that no costs other than those incurred by the recipient/contractor were included in this indirect cost pool as finally accepted and that such costs are legal obligations of the recipient/contractor and allowable under governing cost principles; (2) that the same costs that have

been treated as indirect costs are not claimed as direct costs; (3) that similar types of costs have been accorded consistent accounting treatment; and (4) that the information provided by the recipient/contractor which was used as a basis for acceptance of the rates agreed to herein, and expressly relied upon by the Government in negotiating and accepting the said rates is not subsequently found to be materially incomplete or inaccurate.

- B. ACCOUNTING CHANGES: The rates contained in Section I of this agreement are based on the accounting system in effect at the time the agreement was negotiated. Changes to the method(s) of accounting for costs, which affect the amount of reimbursement resulting from the use of these rates require the prior approval of the authorized representative of the cognizant negotiation agency. Such changes include but are not limited to changes in the charging of a particular type of cost from indirect to direct. Failure to obtain such approval may result in subsequent cost disallowances.
- C. USE BY OTHER FEDERAL AGENCIES: The rates set forth in Section I are negotiated in accordance with and under the authority set forth in 2 CFR Part 200. Accordingly, such rates shall be applied to the extent provided in such regulations to grants, contracts, and other agreements to which 2 CFR Part 200 applies, subject to any limitations in part A of this section. Copies of this document may be provided by either party to other federal agencies to provide such agencies with documentary notice of this agreement and its terms and conditions.
- D. SPECIAL REMARKS: The Government's agreement with the rates set forth in Section I is not an acceptance of the EcoHealth Alliance, Inc.'s accounting practices or methodologies. Any reliance by the Government on cost data or methodologies submitted by EcoHealth Alliance, Inc. is on a non-precedence-setting basis and does not imply Government acceptance.

Accepted:

FOR ECOHEALTH ALLIANCE, INC.:	FOR THE U.S. GOVERNMENT:		
(b) (6)	KERSEY.SHEA.DE Digitally signed by KERSEY.SHEADELORES.104933114 DN: c=US, o=US, Government, ou- ou=PKI, ou=USN, On=KERSEY.SHEADELORES.104933 Date 2018.11.21 1227-47 -05'00'		
ARMINE ARUSTAMYAN	SHEA D. KERSEY		
Chief Financial Officer	Contracting Officer		
11-15-2018	November 21, 2018		
Date	Date		
For information concerning this agreement contact:			
Shea Kersey	Phone: (b) (6)		
Office of Naval Research	E-mail: (b) (6)		

2R01AI110964 - Understanding the Risk of Bat Coronavirus Emergence (PI, Daszak)

6 May 2019

Dear NIAID Just-in-Time,

Please find details on the Collaborative Institutional Training Initiative (CITI) Program Human Subjects Research Training for *all* individuals designated in our application who will be involved in human subject research. These individuals are as follows (below). The order is kept identical to that in our proposal. *All* individuals have taken and passed the following courses on the dates (below):

- Social and Behavioral Research Best Practices for Clinical Research
- Social and Behavioral Responsible Conduct of Research
- Biomedical Researchers and staff
- Public Health Researchers
- Social-Behavioral-Education Researchers

CITI Program URL: https://www.citiprogram.org

If additional details and certificates are required, please contact me anytime.

Sincerely, (b) (6)

Peter Daszak
President, EcoHealth Alliance
460 West 34th Street – Ste. 1701
New York, NY 10001

Last	First	Role	Training	Date of Training
Daszak	Peter	PD/PI	Collaborative Institutional Training initiative (CITI)	30-Jan-19
Shi	Zhengli	Co-Investigator	Collaborative Institutional Training initiative (CITI)	3-May-19
Olival	Kevin	Co-Investigator	Collaborative Institutional Training initiative (CITI)	18-Jan-16
Ross	Noam	Co-Investigator	Collaborative Institutional Training initiative (CITI)	29-Jan-19
Latinne	Alice	Co-Investigator	Collaborative Institutional Training initiative (CITI)	22-Jan-19
Li	Hongying	Co-Investigator	Collaborative Institutional Training initiative (CITI)	20-Dec-18
Francisco	Leilani	Co-Investigator	Collaborative Institutional Training initiative (CITI)	28-Feb-17
Hagan	Emily	Co-Investigator	Collaborative Institutional Training Initiative (CITI)	9-May-17
Zhu	Guangjian	Co-Investigator	Collaborative Institutional Training initiative (CITI)	3-May-19
Ren	Lili	Co-Investigator	Collaborative Institutional Training initiative (CITI)	2-May-19
Li	Guo	Co-Investigator	Collaborative Institutional Training initiative (CITI)	2-May-19
Chmura	Aleksei	Co-Investigator	Collaborative Institutional Training initiative (CITI)	25-Jan-19

From: Girma, Tseday (NIH/NIAID) [E]
To: Aleksei Chmura

Cc: Peter Daszak; 李泓葷; Alison Andre

Subject: RE: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Date: Thursday, May 2, 2019 2:02:00 PM

Good afternoon,

Thank you for your email. Please see my responses to your questions below:

- . IRB review of the research protocol is required prior to award, please submit the approval date with the JIT.
- Regarding the IACUC approval, the Grants Policy statement says "It is an institutional responsibility to ensure that the
 research described in the application is congruent with any corresponding protocols approved by the IACUC."
 http://grants.nih.gov/grants/policy/nihgps/HTML5/section_4/4.1_public_policy_requirements_and_objectives.htm#Animal
 Please provide the IACUC approval date with the JIT which confirms that the research described in the application is
 congruent with any corresponding protocols approved by the IACUC.
- If you are not conducting clinical trials, just respond in the JIT stating the same. You don't need to extract the section from the application.

If you are unable to provide the IRB and IACUC approval dates as described above by the JIT submission deadline, please let me know when you will be to submit it.

Hope this answers your questions.

Thanks, Tseday

From: Aleksei Chmura (b) (6)

Sent: Thursday, May 2, 2019 9:11 AM

To: Girma, Tseday (NIH/NIAID) [E] (b) (6)

Cc: Peter Daszak (b) (6); 李泓萤 (b) (6); Alison Andre

(b) (6)

Subject: Re: Grant Number: 2R01Al110964 - 06 Pl Name: DASZAK, PETER

Dear Tseday,

I confirm receipt of your email on behalf of the PI Dr. Peter Daszak. We will get these items or information submitted via eRA Commons by the 6th.

A two quick questions in advance:

- We have not yet IACUC nor IRB review and approval of our proposed protocols. If we receive notification of award, then we would be ready to rapidly submit these for review for the next cycle of each committee. Is this (dates and institution names) all that we would be required to provide presently for the JIT?
- We will not conduct clinical trials, but we have human subjects. We have provided both the Study Population Criteria and Protection & Monitoring Plan in our proposal. Should we extract these to include for JIT and state that we are not conducting clinical trials?

Many thanks!

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office)
(b) (6) (mobile)
www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

From: Girma, Tseday (NIH/NIAID) [E] (b) (6)
Sent: Tuesday, April 30, 2019 11:00 AM
To: Peter Daszak; Peter Daszak

To: Peter Daszak; Peter Daszak
Cc: Stemmy, Erik (NIH/NIAID) [E]

Subject: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

<image002.jpg>

April 30, 2019

desig

GRANT NUMBER - 2R01Al110964 - 06 PI Name: DASZAK, PETER

The above referenced application is being considered for funding by the National Institute of Allergy and Infectious Diseases. Please note that this request is not a guarantee of funding. Official notification of funding is only made by issuance of a Notice of Award (NoA).

The following Just-In-Time information (JIT) identified is requested:

x	1) Current Other Support - Provide active and pending support information for ALL individuals
nated in an a	pplication as key personnel.
	There is no form page for providing other support, although a sample format page is available athttps://grants.nih.gov/grants/forms/othersupport.htm
x	2) IRB approval date (NIH does not require a copy of the IRB certification/approval). See NOT-OD-19-
	055. Pending or out-of-date approvals are not acceptable. If IRB has not met, provide anticipated meeting date. Information regarding the Federal Wide Assurance
	website: http://grants.nih.gov/grants/policy/hs/faqs_aps_assurances.htm
x	Dissemination Plan required for NIH-funded clinical trial that addresses how the expectations of NO OD-16-149 will be met. Additional
	guidance at https://grants.nih.gov/grants/how-to-apply-application-guide/forms-e/general/g.500-phs-human-subjects-and-clinical-trials-information.htm#4.7
x	4) Documentation of the required education in the Protection of Human Subject Research Participants
	for all key personnel involved in HS research.
x	5) IACUC approval date (NIH does not require a copy of the IACUC certification/approval). Pending or
	out-of-date approvals are not accentable

If IACUC has not met, provide anticipated meeting date.

Information regarding IACUCs can be found at http://grants.nih.gov/grants/olaw/fags.htm



- Confirm institution's Entity Identification Number (EIN) is 1311726494A1.
- Confirm the latest F&A agreement for University of North Carolina Chapel Hill is dated 11/23/2016 and the F&A rate is 55.5%. If this is not correct, send a copy of your latest F&A rate agreement with your JIT response.
- iii. Submit your latest F&A Agreement for ECOHEALTH ALLIANCE, INC

The requested Just In Time (JIT) information must be submitted via eRA Commons NIH Guide Notice NOT-OD-12-

101) by Monday, May 6th, 2019. If unable to submit the requested information through eRA Commons, please contact your Grants Management Specialist. Timely submission of the above information will enable us to expedite the issuance of an award should the application be identified for funding.

Sincerely,

Tseday Girma, MPA Grants Management Specialist National Institutes of Allergy and Infectious Diseases 5601 Fishers Lane, Room 4E24 Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

*** The information in this email and any of its attachments is confidential and may contain sensitive information. It should not be used by anyone who is not the originally intended recipient. If you have received this email in error, please inform the sender and delete it from your mailbox or any other storage devices. The National Institute of Allergy and Infectious Diseases shall not accept liability for any statements made that are the sender's own and not expressly made on behalf of NIAID by one of its representatives.***



From: Aleksei Chmura

To: Girma, Tseday (NIH/NIAID) [E]

Cc: Peter Daszak; Stemmy, Erik (NIH/NIAID) [E]

Subject: Re: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Date: Wednesday, July 24, 2019 8:56:24 AM

Dear Tseday,

We just received our NOA in the wee hours of this morning! Many thanks for all your help and support during the application and JIT processes. We are excited about our continued work and progress over the next 5 years!

Two quick queries for you:

- 1) I see that now that we may commence our Year 5 annual report in eRA Commons' RPPR. Peter just initiated our Year 5 report. We were already prepared to submit this and expect to have everything uploaded and submitted by the end of July. Will this be ok and is there a duedate?
- 2) Since this is Year 6 of our award, may we roll-over any un-expended funds from Year 5 as we would usually do within a 5-year award? Our start-date for Year 6 is 01 July 2019, so does that mean we may not request reimbursement for any expenses from the end of our Year 5 (31 May 2019) to beginning of Year 6 (01 July 2019) or are these allowable 'continuation' or 'start-up' or 'close-out' costs?

Many thanks!

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile) www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

On Jul 24, 2019, at 08:06, Girma, Tseday (NIH/NIAID) [E] (b) (6) wrote:

Good morning,

It was released last week. You should receive it by today.

Thanks,

Tseday

Tseday Girma, MPA

Grants Management Specialist

National Institutes of Allergy and Infectious Diseases

5601 Fishers Lane, Room 4E49

Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

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From: Aleksei Chmura (b) (6)

Sent: Tuesday, July 23, 2019 9:48 PM

To: Girma, Tseday (NIH/NIAID) [E] (b) (6)

Cc: Peter Daszak (b) (6); Stemmy, Erik (NIH/NIAID) [E]

(b) (6)

Subject: Re: Grant Number: 2R01Al110964 - 06 PI Name: DASZAK, PETER Dear Tseday,

I am just checking-in with you to see if there were any additional outstanding items requested for our proposal - and for which we may have missed an email. Peter and I looked through our spam folders and inboxes and saw no emails. I checked eRA Commons as well and saw no pending notices.

I realize you are dealing with many proposals and grants, so do not mean to pester. Just confirming that all is in order at this stage.

Cheers!

-Aleksei

Aleksei Chmura, PhD Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile)

www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and

promote conservation.

On Jul 17, 2019, at 16:07, Girma, Tseday (NIH/NIAID) [E]
(b) (6) wrote:
Thank you.
Tseday Girma, MPA
Grants Management Specialist
National Institutes of Allergy and Infectious Diseases
5601 Fishers Lane, Room 4E49
Rockville, MD 20852
Phone: (b) (6)
Email: (b) (6)
NIAID, National Institutes of Health, DHHS
Effective January 1, 2017, NIH closeout documentation policy has changed
(see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports
(FPR). Grantees must now report final project outcomes using the new F-
RPPR. For instructions on how to submit the new F-RPPR please see
instructions on the NIH RPPR Page.
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may contain sensitive information. It should not be used by anyone who is not the originally intended recipient. If you have received this email in error, please
inform the sender and delete it from your mailbox or any other storage devices.
The National Institute of Allergy and Infectious Diseases shall not accept
liability for any statements made that are the sender's own and not expressly
made on behalf of NIAID by one of its representatives.***
From: Aleksei Chmura (b) (6)
Sent: Wednesday, July 17, 2019 3:52 PM
To: Girma, Tseday (NIH/NIAID) [E] (b) (6)
Cc: Peter Daszak (b) (6); Stemmy, Erik
(NIH/NIAID) [E] (b) (6)
Subject: Re: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER
Tseday,
Attached is our provisional rate of (4) - signed today.
Many thanks!
-Aleksei
On Jul 17, 2019, at 15:38, Girma, Tseday (NIH/NIAID) [E]
(b) (6) wrote:
Thank you.
Tseday Girma, MPA
Grants Management Specialist
National Institutes of Allergy and Infectious Diseases
5601 Fishers Lane, Room 4E49
Rockville, MD 20852

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

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From: Aleksei Chmura (b) (6)

Sent: Wednesday, July 17, 2019 3:11 PM

To: Girma, Tseday (NIH/NIAID) [E] (b) (6)

Cc: Peter Daszak (6) (6); Stemmy,

Erik (NIH/NIAID) [E] (b) (6)

Subject: Re: Grant Number: 2R01Al110964 - 06 Pl Name:

DASZAK, PETER

Dear Tseday,

We are still waiting on our cognisant agency (DoD) to issue a provisional rate or other notice. We will do all possible to get this to you today or before 5pm tomorrow.

Cheers,

-Aleksei

Aleksei Chmura, PhD Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile)

www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

On Jul 17, 2019, at 12:07, Girma, Tseday (NIH/NIAID) [E] (b) (6) wrote: Good afternoon,

The F&A rate agreement submitted in the JIT for ECHOHealth Alliance, Inc. dated 11/14/2018 has expired on 06/30/2017. Do you have any documentation that you can send us that shows you could use the expired rate. Pending the establishment of a negotiated facilities and administrative (F&A) rate, we will restrict the amount of F&A funds in excess of 10% salaries and wages exclusive of fringe benefits and may not be expended until the new F&A rate agreement is issued and you receive a revised Notice of award from NIH.

Please send us the requested information ASAP but no later than 07/18/2019.

Thanks,

Tseday

Tseday Girma, MPA

Grants Management Specialist

National Institutes of Allergy and Infectious

Diseases

5601 Fishers Lane, Room 4E49

Rockville, MD 20852

Phone:

(b) (6)

Email:

(b) (6)

NIAID, National Institutes of Health, DHHS
Effective January 1, 2017, NIH closeout
documentation policy has changed (see NOTOD-17-022). NIH is no longer accepting Final
Progress Reports (FPR). Grantees must now
report final project outcomes using the new FRPPR. For instructions on how to submit the
new F-RPPR please see instructions on the NIH
RPPR Page.

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From: Aleksei Chmura

To: Girma, Tseday (NIH/NIAID) [E]

Cc: Peter Daszak; Stemmy, Erik (NIH/NIAID) [E]

Subject: Re: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Date: Monday, July 8, 2019 3:04:13 PM

Tseday,

I am just checking back with you about our FWA number. Let me know, if I should contact OHRP to get a confirmation or any necessary documentation.

Cheers!

-Aleksei

On Jul 8, 2019, at 07:58, Girma, Tseday (NIH/NIAID) [E] (b) (6) wrote:

Thanks for sending me this. I will look into why its showing as none on my screen.

Thanks,

Tseday

From: Aleksei Chmura (6) (6)

Sent: Monday, July 8, 2019 7:39 AM

To: Girma, Tseday (NIH/NIAID) [E] (b) (6)

Cc: Peter Daszak (b) (6); Stemmy, Erik (NIH/NIAID) [E]

(b) (6)

Subject: Re: Grant Number: 2R01Al110964 - 06 Pl Name: DASZAK, PETER

Tseday,

This is via our current, active R01Al110964 - 05 award IRB with Hummingbird (IRB00009289).

Please see attached screen shot from OHRP. Should I get them to email you to confirm?

Cheers!

-Aleksei

<image001.png>

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile)

www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical

connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

On Jul 8, 2019, at 07:33, Girma, Tseday (N 6) 6) wrote:	NIH/NIAID) [E]
Good morning, No – I couldn't find any record associated Please follow up with them and let me kn Thanks, Tseday	
From: Aleksei Chmura	(b) (6)
Sent: Monday, July 8, 2019 7:23 AM	
To: Girma, Tseday (NIH/NIAID) [E]	(b) (6)
Cc: Peter Daszak	6) (6); Stemmy, Erik
(NIH/NIAID) [E] (b) (6)	
Subject: Re: Grant Number: 2R01Al11096	64 - 06 PI Name: DASZAK, PETER
Dear Tseday,	
Can you find our number as follows: FWA	00022431?
Cheers!	
-Aleksei	
On Jul 8, 2019, at 07:21, Girma, Tso	eday (NIH/NIAID) [E]
(b) (6) wrote:	cday (Mill/MAID) [2]
Good morning,	
Thank you for submitting the	IIA document for North
Carolina performance site. W	
application, I noticed that you	
eRA commons for Human sul	
Assurance (FWA). Per policy,	
awarded funds for human sub	bjects research are
considered to be engaged in	human subjects

research and must have an approved FWA even if

another institution performs the human subjects activities through a subaward." For the full list of certification and assurance requirements, go to the <u>Human Subjects Research Requirements SOP</u>. I also check the OHRP website, I wasn't able to look up your FWA info.

Please let us know if you established FWA with OHRP, if not, you will have to do it ASAP. We are not able to issue an award without an FWA.

Thank you,

Tseday Girma

Tseday Girma, MPA

Grants Management Specialist

National Institutes of Allergy and Infectious Diseases

5601 Fishers Lane, Room 4E24

Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

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From: Aleksei Chmura

To: Soto, Tiffani (NIH/OD) [C]

Cc: Peter Daszak; OLAW Division of Assurances (NIH/OD); Girma, Tsedav (NIH/NIAID) [E]; 李泓萤; Stemmy, Erik

(NIH/NIAID) [E]; Alison Andre

Subject: Fwd: 2R01AI110964-06 EcoHealth Alliance, Inc.

Date: Friday, July 5, 2019 4:18:56 PM

Attachments: IIA - Baric, R. 19-1777 - EcoHealth [UNC final].pdf

Dear Tiffani,

Please find attached to this email a PDF of our signed Interinstitutional Assurance letter from the University of North Carolina at Chapel Hill.

Many thanks most,

Sincerely,

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile) www.ecohealthalliance.org

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

On Jun 12, 2019, at 10:28, Soto, Tiffani (NIH/OD) [C] (b) (6) wrote:

Good Morning Dr. Chmura,

Please find enclosed a copy of the request letter for the required Interinstitutional *Assurance*. If your company has any type of written agreement with the institution where the animal work will take place this does not replace our requirement for the IA. The IA is a document that is required by OLAW.

<u>No other type of documentation</u>, other than the requested interinstitutional assurance is acceptable. For example, a copy of a Protocol is not a replacement for our required interinstitutional assurance, neither is a type of agreement that might already be in place between the grantee and the animal sites.

ScInterinstitutional Assurance

The Interinstitutional Assurance is used by U.S. institutions that receive Public Health Service (PHS) funds through a grant or contract award when the institution has neither its own animal care and use program, facilities to house animals, nor an Institutional Animal Care and Use Committee (IACUC) and will conduct the animal activity at an Assured institution (named as a performance site).

I. Awardee Institution

Name of Awardee Institution: EcoHealth Alliance

Address: (street address, city, state, zip code)

460 West 34th Street, Suite 1701, New York, NY 10001, USA

Project Title: (from grant application/contract proposal)

Understanding the Risk of Bat Coronavirus Emergence

Grant/Contract Number: 2-R01-AI110946-06

Principal Investigator: Dr. Peter Daszak

A. Applicability

This Interinstitutional Assurance between the awardee institution and the Assured institution is applicable to research, research training, and biological testing involving live vertebrate animals supported by the PHS and conducted at the Assured Institution.

B. Awardee and Assured Institutional Responsibilities

- The institutions agree to comply with all applicable provisions of the Animal Welfare Act and other Federal statutes and regulations relating to animals.
- ii. The institutions agree to be guided by the U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training and comply with the PHS Policy on Humane Care and Use of Laboratory Animals (Policy).
- iii. The institutions acknowledge and accept responsibility for the care and use of animals involved in activities covered by this Assurance. As partial fulfillment of this responsibility, the institutions will make a reasonable effort to ensure that all individuals involved in the care and use of laboratory animals understand their individual and collective responsibilities for compliance with this Assurance, as well as all other applicable laws and regulations pertaining to animal care and use.
- iv. The awardee institution acknowledges and accepts the authority of the IACUC of the Assured institution where the animal activity will be performed and agrees to abide by all conditions and determinations as set forth by that IACUC.

Name of Assured Institution: University of North Carolina at Chapel Hill

Office of Sponsored Research 104 Airport Dr. CB# 1350 Chapel Hill, NC 27599

II. Institutional Endorsement

By signing this document, the authorized official at the awardee institution and the Institutional Official and IACUC Chairperson at the Assured institution (performance site) provide their assurances that the project identified in Part I will be conducted in compliance with the PHS Policy and the Assurance of the Assured Institution.

A. Endorsement	of Awardee Ins	titution	
Name of Awardee	institution: EcoHea	ilth Alliance	
Authorized Official:	Dr. Aleksel Chmu	ra	
Signature:		(b) (6)	Date: 21 June 2019
Title: Authorized O	rganizational Repr	esentative	
Address: (street ac 460 West 34th Stre		<i>zip code)</i> w York, NY 10001, U	SA
Phone:	(b) (6)	Fax: +1.	212.380.4465
E-mail:	(b) (d	5)	
B. Endorsement	of Assured Inst	itution	
Name of Assured I	nstitution: Univers	ity of North Carolina	at Chapel Hill
Institutional Officia	I: Terry Magnuson	, PhD	THE RESERVE OF THE PARTY OF THE
Signature:		(b) (6)	Date: 7/5/2019
Title: Vice Chancel	or for Research		
Address: (street ad 312 South Bldg- O Chapel Hill NC, 275	ffice of the VCR CE	zip code) 3 #4000	
	b) (6)	Fax: 919	-962-1476
E-mail:	(b) (6)		
IACUC Chairperson	: Roland Nsch, Ph	D	
Signature:		(b) (6)	Date: 7/05/19
Title: IACUC Chair		100	
Address: (street ad UNC - Department Chapel Hill, NC 275	of Microbiology an	zip code) ad Immunology CB #	7290
) (6)	Fax: 919	-966-8429
E-mail:	(b) (6)		
Date of TACIC Ann	royal /within 2 ve	are nending not acc	reptable) 400/00 9/29/2017

III. PHS Approval (to be completed by OLAW)

Signature of OLAW Official:	Date:
Office of Laboratory Anir National Institutes of He 6705 Rockledge Drive RKL1, Suite 360, MSC 79 Bethesda, MD 20892-79 Phone: (301) 496-7163	ealth 982 82 (express mail zip code 20817)
Grant/Contract #:	Animal Welfare Assurance #:

The IA is available on our web site see the link below.

http://grants.nih.gov/grants/olaw/sampledoc/interinstitutional_assurance.htm
The following signatures are required by Wuhan University in Wuhan China: Page 2 of the interinstitutional Assurance, Section II.B., needs to be signed by the Institutional Official (or an individual with signature authority as reported in the Animal Welfare Assurance), and by the IACUC Chairperson, (or an IACUC designee verifying IACUC review and approval of this proposal). The IACUC approval date will also needs to be furnished by the IACUC Chairperson. he following signatures are required by The University of North Carolina at Chapel Hill: Page 2 of the interinstitutional Assurance, Section II.B., needs to be signed by the Institutional Official, Terry Magnuson, PhD (or an individual with signature authority as reported in the Animal Welfare Assurance), and by the IACUC Chairperson, Roland Tisch, PhD (or an IACUC designee verifying IACUC review and approval of this proposal). The IACUC approval date will also needs to be furnished by the IACUC Chairperson.

Upon completion, the interinstitutional assurance should be sent to the OLAW Division of Assurances mailbox. olawdoa@mail.nih.gov

Kind Regards,

Tiffani T. Soto

Program Assistant

Office of Laboratory Animal Welfare (OLAW)

National Institutes of Health

6700 B Rockledge Drive

Suite 2500, MSC 6910 Bethesda, Maryland 20892

Phone: (b) (6) (Main)

Phone: (b) (6) (Direct)

Email: (b) (6)

Division of Assurances E-Fax (301) 451-5672

Email: OLAWdoa@mail.nih.gov

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Quote:

Tell me and I forget, Teach me and I remember, Involve me and I learn. Benjamin Franklin

<interinstitutional_assurance.doc><EcoHealth 1 IIA Request letter.doc><EcoHealth 2 IIA
Request letter.doc>

From: Aleksei Chmura

To: Stemmy, Erik (NIH/NIAID) [E]; Soto, Tiffani (NIH/OD) [C]

Cc: Baric, Ralph; Amy Sims; Graham, Rachel; Peter Daszak; Girma, Tseday (NIH/NIAID) [E]; Alison Andre

Subject: Re: 2R01AI110964-06 (PI: Daszak. Understanding the Risk of Bat Coronavirus Emergence) EcoHealth Alliance,

Inc.

Date: Thursday, June 20, 2019 3:46:55 PM

Attachments: Baric.pending approval.pdf

Dear Erik and Tiffani,

We will have our Interinstitutional Assurance from Wuhan University in China next week and send that to you immediately upon receipt.

Attached, please find a letter from the University of North Carolina-Chapel Hill OACU Director. The letter indicates that our protocol as submitted by Co-Investigator (Dr. Ralph Baric) from our proposal Understanding the Risk of Bat Coronavirus Emergence (2R01AI110964-06) has been received and will be reviewed.

Many thanks most,

Sincerely,

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile) www.ecohealthalliance.org

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On Jun 12, 2019, at 10:28, Soto, Tiffani (NIH/OD) [C] 60 (6) wrote: Good Morning Dr. Chmura,

Please find enclosed a copy of the request letter for the required Interinstitutional



UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

OFFICE OF ANIMAL CARE AND USE

SUITE 1140 BIOINFORMATICS BUILDING T 919-966-5569 CAMPUS BOX 7193 CHAPEL HILL, NC 27599-7115

F 919-966-8429 iacuc@med.unc.edu

To Erik Stemmy, Ph.D., National Institutes of Health,

The Office of Animal Care and Use (OACU) at the University of North Carolina at Chapel Hill has received an animal protocol submission for Principle Investigator Dr. Ralph Baric titled "Understanding the Risk of Bat Coronavirus Emergence". The IACUC committee will meet on July 12th and this animal protocol will be reviewed at that meeting. Once the animal protocol is approved, the approval page be available.

Tracy Heenan, DVM, CPIA Professor Director, Office of Animal Care & Use UNC-Chapel Hill, Campus Box #7193 Chapel Hill, NC 27599 (b) (6) (b) (6)

Assurance.

If your company has any type of written agreement with the institution where the animal work will take place <u>this does not replace</u> our requirement for the IA. The IA is a document that is required by OLAW.

No other type of documentation, other than the requested interinstitutional assurance is acceptable. For example, a copy of a Protocol is not a replacement for our required interinstitutional assurance, neither is a type of agreement that might already be in place between the grantee and the animal sites.

The IA is available on our web site see the link below.

http://grants.nih.gov/grants/olaw/sampledoc/interinstitutional_assurance.htm
The following signatures are required by **Wuhan University in Wuhan China:**Page 2 of the interinstitutional Assurance, Section II.B., needs to be signed by the **Institutional Official** (or an individual with signature authority as reported in the Animal Welfare Assurance), and by the **IACUC Chairperson**, (or an IACUC designee verifying IACUC review and approval of this proposal). The IACUC approval date will also needs to be furnished by the IACUC Chairperson.

he following signatures are required by **The University of North Carolina at Chapel Hill:** Page 2 of the interinstitutional Assurance, Section II.B., needs to be signed by the **Institutional Official**, **Terry Magnuson**, **PhD** (or an individual with signature authority as reported in the Animal Welfare Assurance), and by the **IACUC Chairperson**, **Roland Tisch**, **PhD** (or an IACUC designee verifying IACUC review and approval of this proposal). The IACUC approval date will also needs to be furnished by the IACUC Chairperson.

Upon completion, the interinstitutional assurance should be sent to the OLAW Division of Assurances mailbox. <u>olawdoa@mail.nih.gov</u>

Kind Regards.

Tiffani T. Soto

Program Assistant
Office of Laboratory Animal Welfare (OLAW)

National Institutes of Health

6700 B Rockledge Drive

Suite 2500, MSC 6910

Bethesda, Maryland 20892

Phone: (b) (6) (Main)
Phone: (b) (6) (Direct)
Email: (b) (6)

Division of Assurances

E-Fax (301) 451-5672

Email: OLAWdoa@mail.nih.gov

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Benjamin Franklin

<interinstitutional_assurance.doc><EcoHealth 1 IIA Request letter.doc><EcoHealth 2 IIA Request letter.doc>



From: Aleksei Chmura

To: Stemmy, Erik (NIH/NIAID) [E]; Girma, Tseday (NIH/NIAID) [E]

Cc: Peter Daszak

Subject: Re: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Date: Thursday, June 20, 2019 12:55:47 PM

Dear Tseday,

We are doing all possible to push UNC IACUC for expedited review.

Would it be acceptable if UNC IACUC provides a letter signed by their IACUC Chair stating that we have a protocol pending review with the date of review and the likely timeline of approval?

Cheers,

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street – 17th floor New York, NY 10001

(b) (6) (direct) (b) (6) (mobile)

Aleksei MacDurian (Skype)

www.ecohealthalliance.org

Visit our blog: www.ecohealthalliance.org/blog

EcoHealth Alliance leads cutting-edge scientific research into the critical connections between human and wildlife health and delicate ecosystems. With this science, we develop solutions that prevent pandemics and promote conservation.

On Jun 17, 2019, at 16:56, Aleksei Chmura

(b) (6) wrote:

Dear Erik and Tseday,

Our University of North Carolina IACUC committee will not reconvene until 12th of July, which means we should be able to have our interinstitutional assurance forms signed and completed no later than end-of-July.

On Jun 13, 2019, at 15:11, Aleksei Chmura (b) (6) wrote:

Thanks, Erik! Exactly right. Peter actually is travelling this week!

I responded to the OLAW person this morning with CC to Tseday. Our University of North Carolina POC is out until Monday and Wuhan is on this already. We should have these submitted by early next week. I will let you both know as well.

Cheers,

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

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(b) (6) (office)
(b) (6) (mobile)
www.ecohealthalliance.org
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On Jun 13, 2019, at 15:07, Stemmy, Erik (NIH/NIAID)
[E] (b) (6) wrote:

Hello Aleksei,

Forwarding you this message as well to loop you in, in case Peter is traveling.

Best,

Erik

Erik J. Stemmy, Ph.D.

Program Officer

Respiratory Diseases Branch

Division of Microbiology and Infectious Diseases

NIAID/NIH/HHS

5601 Fishers Lane, Room 8E18

Bethesda, MD 20892-9825

Getting ready to publish? Share the good news with your program officer asap! NIAID may be able to help publicize

your article. And, remember to list your NIAID grant or contract number in the publication.

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From: Girma, Tseday (NIH/NIAID) [E]

(b) (6)

Sent: Tuesday, June 11, 2019 4:50 PM

To: (b) (6) (6)

Cc: Stemmy, Erik (NIH/NIAID) [E] (b) (6)

Subject: Grant Number: 2R01AI110964 - 06 PI Name:

DASZAK, PETER Good afternoon,

This is to give you a heads up that I submitted a request to OLAW for the negotiation of an interinstitutional assurance (IIA) for the activities described your VAS. You will receive a request from OLAW to submit you IIA documentation — please respond ASAP as we need this to process this award.

Thanks,

Tseday

Tseday Girma, MPA

Grants Management Specialist

National Institutes of Allergy and Infectious Diseases

5601 Fishers Lane, Room 4E49

Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

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From: Aleksei Chmura

To: Stemmy, Erik (NIH/NIAID) [E]; Girma, Tseday (NIH/NIAID) [E]

Cc: Peter Daszak

Subject: Re: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Date: Wednesday, June 19, 2019 3:13:22 PM
Attachments: EHAL FY19 Prov Rates Agrmt.pdf

EHA- rates FY2020.pdf

Dear Tseday and Erik,

Please find our latest provisional rate agreement for FY'19 and our FY'20 rate proposal as well. We are expecting DOD/USN to come back to us with our new next month.

Many thanks!

-Aleksei

Aleksei Chmura, PhD

Chief of Staff

EcoHealth Alliance 460 West 34th Street, Suite 1701 New York, NY 10001

(b) (6) (office) (b) (6) (mobile) www.ecohealthalliance.org

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From: "Girma, Tseday (NIH/NIAID) [E]" (b) (6)

Date: June 18, 2019 at 4:25:14 PM EDT

To: (b) (6)

(b) (6)

Subject: Grant Number: 2R01Al110964 - 06 PI Name: DASZAK, PETER

Good afternoon,

Thank you for your recent JIT submissions. The most recent F&A Rate Agreement that was provided is dated 11/14/2018 and the F&A rate of (b) (4) expired on 06/30/17.

Did you have any documentation that you can send us that shows you could use the expired rate. Otherwise, we will have to put a restriction on the award until we receive a new F&A Rate Agreement.

Please send this information ASAP but no later than 06/20/2019

Please let me know

Thanks,

Tseday

A TOP OF THE PROPERTY OF THE P

DEPARTMENT OF THE NAVY

OFFICE OF NAVAL RESEARCH 875 NORTH RANDOLPH STREET SUITE 1425 ARLINGTON, VA 22203-1995

IN REPLY REFER TO:

Agreement Date: July 9, 2018

NEGOTIATION AGREEMENT

INSTITUTION:

ECOHEALTH ALLIANCE, INC. 460 WEST 34TH ST. 17TH FLR NEW YORK, NY 10001-2320

The Indirect Cost and Fringe Benefits rates contained herein are for use on grants, contracts and/or other agreements issued or awarded to EcoHealth Alliance, Inc. by all Federal Agencies of the United States of America, in accordance with the provisions and cost principles mandated by 2 CFR Part 200. These rates shall be used for forward pricing and billing purposes for EcoHealth Alliance, Inc. for Fiscal Year 2019.

Section I:	RATES -	TYPE:	PROVISIONAL	(PROV)
------------	---------	-------	-------------	--------

Indirect Rates:

<u>TYPE</u> <u>FROM</u> <u>TO</u> <u>RATE</u> <u>BASE</u> <u>APPLICABLE TO</u> <u>LOCATION</u> Prov. 07/01/18 06/30/19 (b) (4) (a) All All

Fringe Benefits Rates:

<u>TYPE</u> <u>FROM</u> <u>TO</u> <u>RATE</u> <u>BASE</u> <u>APPLICABLE TO</u> <u>LOCATION</u> All

DISTRIBUTION BASES

- (a) Total direct costs excluding capital expenditures (buildings, individual items of equipment; alterations and renovations), the portion of each subaward in excess of \$25,000, participant support costs, and flow-through funds.
- (b) Salaries and Wages.

SECTION II - GENERAL TERMS AND CONDITIONS

A. LIMITATIONS: Use of the rates set forth under Section I is subject to any statutory or administrative limitations and is applicable to a given grant, contract or other agreement only to the extent that funds are available and consistent with any and all limitations of cost clauses or provisions, if any, contained therein. Acceptance of any or all of the rates agreed to herein is predicated upon all the following conditions: (1) that no costs other than those incurred by the recipient\contractor were included in its indirect cost pool as finally accepted and that all such costs are legal obligations of the recipient\contractor and allowable under governing cost principles; (2) that the same costs that have been treated as indirect costs are not claimed as direct costs; (3) that similar types of costs, in like circumstances, have been accorded consistent accounting treatment;

- (4) that the information provided by the recipient\contractor, which was used as the basis for the acceptance of the rates agreed to herein and expressly relied upon by the Government in negotiating the said rates, is not subsequently found to be materially incomplete or inaccurate.
- B. ACCOUNTING CHANGES: The rates contained in Section I of this agreement are based on the accounting system in effect at the time this agreement was negotiated. Changes to the method(s) of accounting for costs, which affects the amount of reimbursement resulting from the use of these rates, require the written approval of the authorized representative of the cognizant negotiating agency for the Government prior to implementation of any such changes. Such changes include but are not limited to changes in the charging of a particular type of cost from indirect to direct. Failure to obtain such approval may result in subsequent cost disallowances.
- C. PROVISIONAL RATES: The provisional rates contained in this agreement are subject to unilateral amendment by the Government or bilateral amendment by the contracting parties at any time.
- D. USE BY OTHER FEDERAL AGENCIES: The rates set forth in Section I hereof were negotiated in accordance with and under the authority set forth in 2 CFR Part 200. Accordingly, such rates shall be applied to the extent provided in such regulations to grants, contracts, and/or other agreements to which 2 CFR Part 200 is applicable, subject to any limitations in part A of this section. Copies of this document may be provided by either party to other Federal agencies to provide such agencies with documentary notice of this agreement and its terms and conditions.
- E. SPECIAL REMARKS: The Government's agreement with the rates set forth in Section I is not an acceptance of the EcoHealth Alliance, Inc.'s accounting practices or methodologies. Any reliance by the Government on cost data or methodologies submitted by EcoHealth Alliance, Inc. is on a non-precedence-setting basis and does not imply Government acceptance.

Accepted:	
FOR ECOHEALTH ALLIANCE, INC.:	FOR THE U.S. GOVERNMENT: KERSEY.SHEA.DE Digitally signed by KERSEY.SHEA DELORES. 1049331149 DN: c=U.S. Government, ou=Dot ou=PKI, ou=DUSN cn=KERSEY.SHEA.DELDRES.1049331149 Date: 2018.07.24 16:59:32 -04'00'
ARMINE ARUSTAMYAN	SHEA D. KERSEY
Chief Financial Officer	Contracting Officer
07-11-2018	July 24, 2018
Date	Date
For information concerning this agreement contact:	
Shea Kersey	Phone: (b) (6)
Office of Naval Research	E-mail: (b) (6)

Schedule of Indirect Costs and Calculation of indirect Costs Rate

Schedule A

		Inc	direct Costs
Salaries		$\overline{}$	836,247
Payroll taxes and emloyees benefits			311,491
Total salaries and related expenses			1,147,738
Professional Fees			191,643
Field Work Costs			502
Meetings and Conferences			66,653
Travel Expense			33,891
Occupancy & Insurance			666,153
Printing			20,855
Postage			2,576
Supplies			34,981
Telephone			30,545
Memberships/Subscriptions			21,576
Miscellaneous Expenses			218
Depreciation			20,681
Information Technology			37,952
Total Other than salaries and related expenses			1,128,226
Total Expenses	A	\$	2,275,964
Distribution Base	В	\$	6,915,741
Indirect Costs Rate See indipendent auditor's report	A/B		(b) (4)

ECOHEALTH ALLIANCE, INC AND WILDLIFE PRESERVATION TRUST INTERNATIONAL, INC.

CONSOLIDATED STATEMENT OF FUNCTIONAL EXPENSES

YEAR ENDED JUNE 30, 2018

Schedule B

		Audited TOTAL	Exclusions	Notes	Adjı	usted Total Co	Ind	irect	Fun	d Raising	Pro	gram
Salaries	S	4,521,242			\$	4,521,242	\$	836,247	\$	46,905	\$	3,638,090
Payroll taxes and emloyees benefits		1,606,748				1,606,748		311,491		27,521		1,267,736
Total salaries and related expenses	10	6,127,991	- 4			6,127,991		1,147,738		74,426		4,905,826
Professional Fees		541,460	22,438	1		519,022		191,643	-	83,504		243,875
Grant to Other Organizations		50,000	50,000	2		11-						
Subcontracts		6,768,985	6,768,985	2		-						.=0
Field Work Costs		455,548	188,734	3		266,814		502		3,246		263,066
Meetings and Conferences		271,374	35,515	4		235,859		66,653		5,132		164,074
Travel Expense		869,470				869,470		33,891		37,661		797,918
Occupancy & Insurance		666,153				666,153		666,153				0
Printing		63,931				63,931		20,855		18,371		24,706
Postage		20,116				20,116		2,576		3,905		13,636
Supplies		37,742				37,742		34,981		4		2,762
Telephone		70,633				70,633		30,545		(2)		40,088
Memberships/Subscriptions		50,082				50,082		21,576		6,893		21,613
Miscellaneous Expenses		6,495	4,294	5		2,200		218		*		1,982
Depreciation		22,335				22,335		20,681		380		1,654
Catering and Faculity Rental		99,748	30,686	6		69,062				69,062		## 1998
Information Technology		194,270	23,978	3		170,292		37,952		28,398		103,942
Investment Fees		16,765	16,765	7		1.5						
Total Other than salaries and related expenses		10,205,109	7,141,395			3,063,715		1,128,226		256,173		1,679,316
Total Expenses	\$	16,333,100	\$ 7,141,395		\$	9,191,705	\$	2,275,964	\$	330,599	\$	6,585,142

Notes - Excluded from indirect and direct costs

- 1. In-Kind and Donated Services
- 2. Sub-Receipent exceeding \$25,000 and Pass-through to Partners over \$25,000
- 3. Equipment over \$5,000
- 4. Particpants Costs
- 5. Bad Debt expense
- 6. Rental expenses
- 7. Investment Fees

See indipendent auditor's report

Summary Fringe Benefits Allocations

Schedule C-2

Federal Agency	Program	Federal Contract Number	Reference	e Number		ies and ages	Frin Ben	nge nefits
ederal Awards								
National Science Foundation (NSF)	Pass-through from Arizona State University	141374	7015	067	\$	4,525	\$	1,0
National Science Foundation (NSF)	EcoHealth Net	DEB-08010000	7022	851		18,350		7,15
DoD - Defense Threat Reduction Agency - DTRA	Global Rapid Identification System	HDTRA1-15C-0041	7096	068		181,234		63,2
DoD - Defense Threat Reduction Agency - DTRA	Spillover of Henipaviruses and Filoviruses at Agricultural	HDTRA1-14-1-0037	7096	103		34,083		13,3
DoD - Defense Threat Reduction Agency - DTRA	Understanding the Risk of Bat-Borne Zoonotic Disease Emergence	HDTRA1-17-1-0064	7096	105		119,628		44,7
DoD - Defense Threat Reduction Agency - DTRA	Rift Valley Fever in South Africa	HDTRA1-14-1-0029	7096	294		182,691		56,9
U.S. Department of Health and Human Services (DHHS - NIH)	Bat Coronavirus in China	1R01AI110964-01	7012	049		163,575		55,5
U.S. Department of Health and Human Services (DHHS)	Columbia University Center for Excellence	5U19AI109761-05	7023	262		35,935		9,1
United States Agency for International Development (USAID)	Land Use Change	AID-486-A-13-00005	7129	302		94,709		36,0
United States Agency for International Development (USAID)	Pass Through UC Davis Emerging Pandemic Threat Program	AID-OAA-A-14- 00102	711X	306	2	,377,644		846,1
U. S Department of Homeland Security (DHS)	Ground Truth	HSHQDC-16-C- 00113	7137	097		129,445		47,9
U. S Department of Homeland Security (DHS)	IBIS: Inbound Bio-event Information System	HSHQDC-17-C- B0031	7138	099		84,380		23,9
Sub-Total Federal					\$ 3	,426,199	•	1,205,2
Sub Total Federal					φ 5.	,120,177		1,200,2
on-Federal Awards								
Non-Federal Awards	Predict and Prevent pandemics		7138	107		67,451		17,8
Non-Federal Awards	Predict and Prevent pandemics		7092	850		26,270		10,
Non-Federal Awards	Predict and Prevent pandemics		7098	850		2,680		1,0
Non-Federal Awards	Predict and Prevent pandemics		7143	104		10,979		4,2
Non-Federal Awards	Predict and Prevent pandemics		7144	106		28,450		8,2
Sub-Total Non-Federal					\$	135,831	\$	41,5
EcoHealth Alliance - General Funds	Global Rapid Identification System		7100	068		32,435		4,7
EcoHealth Alliance - General Funds	Land Use Change		7100	302		4,058		2,3
EcoHealth Alliance - General Funds	Predict and Prevent pandemics		7100	306		39,567		13,
Sub-Total General Funds					\$	76,060	\$	20,
EcoHealth Alliance - General Funds	Fund Raising		7100	860		46,905		27,
Indirect Costs pool	Indirect Costs pool		7100	860		836,248		311,

Summary Fringe Benefits

Schedule C-1 - Summary

Account Description	Fring	ge Beenfits, USD	Char	Direct ges to ants	Net Fringe Benefits
Health Insurance		783,091			783,091
Health Insurance payments in lieu of benefit		8,917			8,917
COBRA Recovery (Exp Red)		(13,528)			(13,528)
Vision Care		2,713			2,713
Washington Unemployment Insurance		60			60
Life Insurance ST/LT Disability/Dental		129,606			129,606
NYS Unemployment Ins (NYSUI)		13,538			13,538
Alaska Unempolyment Insurance Expense		0			0
NYS Disability Insurance		1,016			1,016
Pension Expense		312,180			312,180
Γuition Reimbursement expense		18,062		7,656	10,406
NYS Commuter Tax		17,500			17,500
Social Security Employor Expense		306,788			306,788
Workers Compensation		26,340			26,340
FSA Fees		466			466
Total Benefits	\$	1,606,749	\$	7,656	\$ 1,599,093

Schedule of Federal Awards

Schedule E

Schedule F Reference	Federal Agency	Direct Federal / Pass- Through	Type of Award	Award Amount	Award Period	Federal Contract Number	Pass-through	Indirect Costs Limitations
	National Science Foundation (NSF)							- 2
A	EcoHealth Net	Direct Federal	Research Subaward Agreement	\$499,897	9-1-2016 to 8-31-2021	DEB-08010000		No
В	Pass-through from Arizona State University U.S. Department of Defense (DOD) Defense Threat Reduction Agency - DTRA	Pass- Through Direct Federal	Grant	\$162,024	9-1-2014 to 8-31-2017	141374	15-588	No
C	Global Rapid Identification System		DOD Contract (FAR)	\$4,479,678	4-9-2015 to 9-30-2017	HDTRA1-15C-0041		No
D	Rift Valley Fever in South Africa	Direct Federal	Grant	\$4,936,359	5-28-2014 to 5-27-2019	HDTRA1-14-1-0029		No
E	Henipaviruses and Filoviruses at Agricultural and Hunting Human- Animal Interfaces in Malaysia	Direct Federal	Grant	\$2,408,373	5-1-2017 to 4-30-2020	HDTRA1-14-1-0037		No
F	Understanding the Risk of Bat-Borne Zoonotic Disease Emergence in Western Asia	Direct Federal	Grant	\$2,881,913	10-1-2017 to 9-30-2022	HDTRA1-17-1-0064		No
	U.S. Department of Health and Human Services (DHHS) National Institute of Health							
G	Bat Coronavirus in China	Direct Federal	Grant (Research)	\$3,086,735	6-1-2014 to 5-31-2019	1R01AI110964-01		No
н	Pass-through from Columbia University Center for Excellence	Pass- Through	Research Subaward Agreement	\$345,003	3-7-2014 to 2-28-2019	5U19AI109761-05	6(GG008377-39)	No
	United States Agency for International Development (USAID)							
1	Land Use Change		Cooperative Agreement	\$2,499,147	10-15-2013 to 5-30-2018	AID-486-A-13-00005		No
J	Emerging Pandemic Threat Program	Pass- Through	Cooperative Agreement	\$47,651,611	10-1-2014 to 9-30-2019		AID-OAA-A-14- 00102	No
	U. S Department of Homeland Security (DHS)							
K	IBIS: Inbound Bio-event Information System	Direct Federal	Contract	\$413,761	10-30-2017 to 10-28-2018	HSHQDC-17-C- B0031		No
L	Ground Truth	Direct Federal	Fixed Fee Contract	\$271,272	9-30-2016 to 9-29-2018	HSHQDC-16-C-00113		N/A

Depreciation

Investment Fees

Direct Costs Base

Indirect Costs Allocation

Catering and Faculity Rental

Total Other than salaries and related expenses

Total expenses

Information Technology

Schedule F

Schedule of Direct Costs by Awards and Applied Indirect

22,335

99,748

194,270

16,765

S 16,333,100 S 2,275,964 S

10,205,109

20,681

37,952

1,128,226

239

28,742

54,249 \$

29,598 S

9,741 \$

2,347

7,926 S

			NSF - Grant	NSF- Grant	DOD- Cost Reimbursemen t Contract	DOD- Grant	DOD- Grant	DOD- Grant	DHHS-Grant D	OHHS-Grant	USAID -Grant	USAID - Grant	DHS- Cost Reimbursement Contract	DHS- Fixed Fee	Total Fedeal			
	Total Audited	Indirect	DEB-08010000	141374	HDTRA1-15C- 0041	HDTRA1-14-1- 0029	HDTRA1-14-1- 1 0037	HDTRA1-17-1- 0064	1R01AII10964- 5U 01	19AI109761- 05	AID-486-A-13- 00005	AID-OAA-A- 14-00102	HSHQDC-17-C- B0031	HSHQDC-16- C-00113	Grants	Total Non- Federal Grants	EHA Internal Funds	Fund Raising - EHA Internal Funds
Salaries	5 4,521,242	\$ 836,247	S 18,350	S 4,525	5 \$ 181,234	\$ 182,691	S 34,083	\$ 119,628	\$ 163,575 S	35,935	S 94,709	5 2,377,644	\$ 129,445	\$ 84,380	\$ 3,426,199	S 135,831	\$ 76,060	\$ 46,905
Payroll taxes and emloyees benefits	1,606,748	311,491	7,156	1,054	63,277	56,971	13,323	44,715	55,511	9,173	36,030	846,137	47,907	23,996	1,205,251	41,582	20,903	27,521
Total salaries and related expenses	6,127,991	1,147,738	25,506	5,579	244,511	239,662	47,406	164,343	219,086	45,108	130,739	3,223,781	177,352	108,376	4,631,450	177,413	96,963	74,426
Professional Fees	541,460	191,643	120		5,000	5,104	44	2,996	37,512	1	10,669	185,969	6	15,000	262,419	1,279	2,615	83,504
Grant to Other Organizations	50,000	-														50,000	5.55	9 974
Subcontracts	6,768,985	-				555,964	445,916	54,293	258,575		55,435	5,398,803			6,768,985		(0)	
Field Work Costs	455,548	502				13,911	169,935	39,387	214		519	227,497			451,464		336	3,246
Meetings and Conferences	271,374	66,653	24,651		1	9,658		11,780	13	108	306	115,219	45	14	161,803	23,110	14,676	5,132
Travel Expense	869,470	33,891	1,402	2,347	7	32,829	5,976	41,655	13,592	90	39,629	601,993	612	2,579	742,704	43,488	11,726	37,661
Occupancy & Insurance	666,153	666,153															0	
Printing	63,931	20,855				3,939	24	127	1,375		232	17,252	198		23,147	389	1,169	18,371
Postage	20,116	2,576	2,260			158	.20		63			8,144			10,644		2,992	3,905
Supplies	37,742	34,981							2,762						2,762		(0)	
Telephone	70,633	30,545	70			5,031	220	111	8,548	1,969	7,387	15,736		61	39,134	954		1 19
Memberships/Subscriptions	50,082	21,576				491		27	1,096		2,464	2,218		4,684	10,979	322	10,312	6,893
Miscellaneous Expenses	6.495	218	3														6.276	

150,684

315,027 \$

241,882 \$

2,113

4,280

49,388 S

49,388 \$

16,254 S

30,016

353,767

572,853 S

314,278 \$

103,429 \$

5,271

121,912

252,651 \$

197,216 \$

39,726

6,612,556

9,836,337 S

4,437,534 8

64,904 \$ 1,460,392 \$

17,173

18,034

195,385 S

195,385 \$

64,301 5

185

22,523

130,899 S

103,621

8,577,663

13,209,113 S

6,226,689 S

2,049,203 \$

1,654

23,978

16,765

92,499

189,462 S

135,155 \$

44,479 \$

321

119,864

297,276 S

223,299 S

73,488 S

99,748

28,398

286,859

361,285

330,599

108,800



6,824

11,834

256,344 S

84,363 5

1,432

628,516

868,179 S

312,215 S

102,750 S

622,469

669,875 S

54,023 \$

17,779 \$

GOVERNMENT PARTICIPATION IN INDIRECT COST POOLS

Schedule G

Awards	Ir	Indirect Costs Allocation			
Federal Grants	\$	1,857,460	82%		
Federal Contracts - Cost Reimbursements	\$	148,664	7%		
Federal - Fixed Fee	\$	43,079	2%		
Sub-Total Federal	\$	2,049,203	90%		
Non-Federal Awards	\$	73,488	3%		
Internal Funds	\$	153,280	7%		
Sub-Total Non-Federal	\$	226,767	10%		
Total Indirect Costs	\$	2,275,964	100%		



RECONCILIATION OF TOTAL PAYROLL TO IRS 941 FORMS

Schedule H

Direct Salaries an	nd Wages	3,684,995
Indirect Salaries	and Wages	836,247
Total Salaries an	d Wages	\$ 4,521,242
941 Reporting		
	July 1 - September 30, 2017	1,158,912
	October 1 - December 31, 2017	1,078,878
	January 1 - March 31, 2018	1,074,560
	April 1 - June 30, 2018	1,064,332
Total Salaries rep	ported at 941	\$ 4,376,682
Adjustments to R	Reconcile	
	Stipents Paid by Check	3,500
	Health Insurance payments in lieu of benefits	(661)
	Non-Taxable FSA, Dependent Care and Transit	141,721
- //		0 144.500
Total Adjusment	S	\$ 144,560
Total Adjusted		\$ 4,521,242
Total Adjusted		\$ 4,521,2

Tseday Girma, MPA Grants Management Specialist National Institutes of Allergy and Infectious Diseases 5601 Fishers Lane, Room 4E49 Rockville, MD 20852

Phone: (b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

Effective January 1, 2017, NIH closeout documentation policy has changed (see NOT-OD-17-022). NIH is no longer accepting Final Progress Reports (FPR). Grantees must now report final project outcomes using the new F-RPPR. For instructions on how to submit the new F-RPPR please see instructions on the NIH RPPR Page.

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From: Peter Daszak

To: Girma, Tseday (NIH/NIAID) [E]

Cc: Stemmy, Erik (NIH/NIAID) [E]; Aleksei Chmura

Subject: RE: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Date: Tuesday, June 11, 2019 2:47:34 PM

Importance: High

Thanks Tseday,

I'm cc'ing Aleksei Chmura in on this email and we will work on the issue rapidly.

Cheers,

Peter

Peter Daszak

President

EcoHealth Alliance

460 West 34th Street - 17th Floor

New York, NY 10001 Tel. (b) (6)

Website: www.ecohealthalliance.org

Twitter: @PeterDaszak

EcoHealth Alliance leads cutting-edge research into the critical connections between human and wildlife health and delicate ecosystems. With this science we develop solutions that prevent pandemics and promote conservation.

From: Girma, Tseday (NIH/NIAID) [E] (b) (6)

Sent: Tuesday, June 11, 2019 2:24 PM **To:** Peter Daszak; Peter Daszak

Cc: Stemmy, Erik (NIH/NIAID) [E]

Subject: Grant Number: 2R01AI110964 - 06 PI Name: DASZAK, PETER

Good afternoon,

Thank you for submitting the JIT for the above mentioned grant. Regarding the other support submitted for Amy Sims, Peng Zhou and Ben Hu, When I add the efforts of all the grants in the other support (including some of the grants listed under pending that have a to be paid status), the total active support will be higher than (b) (4). (b) (6) including the effort for the above mentioned grant. While an individual may be affiliated with a number of organizations, the combination of appointments can be no higher than (b) (4). (b) (6).

Please indicate how much effort will be taken from which grants. We need specifics that shows the individuals will not go over (6) (4). (b) (6) at the time award. Please send revised other support.

Please send me the information ASAP but no later than Wednesday, 06/12/2019

Thanks,

Tseday

Tseday Girma, MPA

Grants Management Specialist

National Institutes of Allergy and Infectious Diseases

5601 Fishers Lane, Room 4E49

Rockville, MD 20852

Phone:

(b) (6)

Email: (b) (6)

NIAID, National Institutes of Health, DHHS

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