Grant Number: 1U24MH123423-01
FAIN: U24MH123423

Principal Investigator(s):
XIAOQIN WANG, PHD

Project Title: Bicoastal Marmoset Breeding Center

Marisa Bailey
Johns Hopkins University
733 N. Broadway
Suite 117
Baltimore, MD 21205

Award e-mailed to: eawards@jhu.edu

Period Of Performance:
Budget Period: 07/15/2020 – 05/31/2021
Project Period: 07/15/2020 – 05/31/2025

Dear Business Official:

The National Institutes of Health hereby awards a grant in the amount of $1,123,813 (see "Award Calculation" in Section I and "Terms and Conditions" in Section III) to JOHNS HOPKINS UNIVERSITY in support of the above referenced project. This award is pursuant to the authority of 42 USC 241 31 USC 6305 42 CFR 52 and is subject to the requirements of this statute and regulation and of other referenced, incorporated or attached terms and conditions.

Acceptance of this award including the "Terms and Conditions" is acknowledged by the grantee when funds are drawn down or otherwise obtained from the grant payment system.

Each publication, press release, or other document about research supported by an NIH award must include an acknowledgment of NIH award support and a disclaimer such as "Research reported in this publication was supported by the National Institute Of Mental Health of the National Institutes of Health under Award Number U24MH123423. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health." Prior to issuing a press release concerning the outcome of this research, please notify the NIH awarding IC in advance to allow for coordination.

Award recipients must promote objectivity in research by establishing standards that provide a reasonable expectation that the design, conduct and reporting of research funded under NIH awards will be free from bias resulting from an Investigator's Financial Conflict of Interest (FCOI), in accordance with the 2011 revised regulation at 42 CFR Part 50 Subpart F. The Institution shall submit all FCOI reports to the NIH through the eRA Commons FCOI Module. The regulation does not apply to Phase I Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) awards. Consult the NIH website http://grants.nih.gov/grants/policy/coi/ for a link to the regulation and additional important information.

If you have any questions about this award, please contact the individual(s) referenced in Section IV.

Sincerely yours,

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Rita Sisco
Grants Management Officer
NATIONAL INSTITUTE OF MENTAL HEALTH

Additional information follows

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/10/2022

SECTION I – AWARD DATA – 1U24MH123423-01

Award Calculation (U.S. Dollars)

Salaries and Wages	$113,674
Fringe Benefits	$38,081
Personnel Costs (Subtotal)	$151,755
Equipment	$82,241
Materials & Supplies	$34,497
Travel	$2,250
Other	$215,700
Subawards/Consortium/Contractual Costs	$363,754
Federal Direct Costs	$850,197
Federal F&A Costs	$273,616
Approved Budget	$1,123,813
Total Amount of Federal Funds Obligated (Federal Share)	$1,123,813
TOTAL FEDERAL AWARD AMOUNT	$1,123,813
AMOUNT OF THIS ACTION (FEDERAL SHARE)	$1,123,813

SUMMARY TOTALS FOR ALL YEARS		
YR	**THIS AWARD**	**CUMULATIVE TOTALS**
1	$1,123,813	$1,123,813
2	$1,110,176	$1,110,176
3	$1,099,095	$1,099,095
4	$1,084,092	$1,084,092
5	$1,070,946	$1,070,946

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

Fiscal Information:

CFDA Name:	Mental Health Research Grants
CFDA Number:	93.242
EIN:	1520595110A1
Document Number:	UMH123423A
PMS Account Type:	P (Subaccount)
Fiscal Year:	2020

IC	CAN	2020	2021	2022	2023	2024
MH	8027799	$773,813	$860,176	$849,095	$834,092	$820,946
AG	8470713	$350,000	$250,000	$250,000	$250,000	$250,000

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

NIH Administrative Data:
PCC: 1H-TDF / **OC**: 41026 / **Released** [redacted] 07/07/2020
Award Processed: 07/15/2020 12:02:39 AM

SECTION II – PAYMENT/HOTLINE INFORMATION – 1U24MH123423-01

For payment and HHS Office of Inspector General Hotline information, see the NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm

SECTION III – TERMS AND CONDITIONS – 1U24MH123423-01

This award is based on the application submitted to, and as approved by, NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

a. The grant program legislation and program regulation cited in this Notice of Award.

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

b. Conditions on activities and expenditure of funds in other statutory requirements, such as those included in appropriations acts.
c. 45 CFR Part 75.
d. National Policy Requirements and all other requirements described in the NIH Grants Policy Statement, including addenda in effect as of the beginning date of the budget period.
e. Federal Award Performance Goals: As required by the periodic report in the RPPR or in the final progress report when applicable.
f. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

(See NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)

Research and Development (R&D): All awards issued by the National Institutes of Health (NIH) meet the definition of "Research and Development" at 45 CFR Part§ 75.2**.** As such, auditees should identify NIH awards as part of the R&D cluster on the Schedule of Expenditures of Federal Awards (SEFA). The auditor should test NIH awards for compliance as instructed in Part V, Clusters of Programs. NIH recognizes that some awards may have another classification for purposes of indirect costs. The auditor is not required to report the disconnect (i.e., the award is classified as R&D for Federal Audit Requirement purposes but non-research for indirect cost rate purposes), unless the auditee is charging indirect costs at a rate other than the rate(s) specified in the award document(s).

This institution is a signatory to the Federal Demonstration Partnership (FDP) Phase VI Agreement which requires active institutional participation in new or ongoing FDP demonstrations and pilots.

Carry over of an unobligated balance into the next budget period requires Grants Management Officer prior approval.

This award is subject to the requirements of 2 CFR Part 25 for institutions to receive a Dun & Bradstreet Universal Numbering System (DUNS) number and maintain an active registration in the System for Award Management (SAM). Should a consortium/subaward be issued under this award, a DUNS requirement must be included. See http://grants.nih.gov/grants/policy/awardconditions.htm for the full NIH award term implementing this requirement and other additional information.

This award has been assigned the Federal Award Identification Number (FAIN) U24MH123423. Recipients must document the assigned FAIN on each consortium/subaward issued under this award.

Based on the project period start date of this project, this award is likely subject to the Transparency Act subaward and executive compensation reporting requirement of 2 CFR Part 170. There are conditions that may exclude this award; see http://grants.nih.gov/grants/policy/awardconditions.htm for additional award applicability information.

In accordance with P.L. 110-161, compliance with the NIH Public Access Policy is now mandatory. For more information, see NOT-OD-08-033 and the Public Access website: http://publicaccess.nih.gov/.

This award is funded by the following list of institutes. Any papers published under the auspices of this award must cite the funding support of all institutes.

National Institute Of Mental Health (NIMH) National Institute On Aging (NIA)

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022
N H NGA R | Version: 56 - 12/26/2018 2 22:00 PM| Generated on: 7/15/2020 12:02 39 AM

In accordance with the regulatory requirements provided at 45 CFR 75.113 and Appendix XII to 45 CFR Part 75, recipients that have currently active Federal grants, cooperative agreements, and procurement contracts with cumulative total value greater than $10,000,000 must report and maintain information in the System for Award Management (SAM) about civil, criminal, and administrative proceedings in connection with the award or performance of a Federal award that reached final disposition within the most recent five-year period. The recipient must also make semiannual disclosures regarding such proceedings. Proceedings information will be made publicly available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)). Full reporting requirements and procedures are found in Appendix XII to 45 CFR Part 75. This term does not apply to NIH fellowships.

Treatment of Program Income:

Additional Costs

SECTION IV – MH Special Terms and Conditions – 1U24MH123423-01

Clinical Trial Indicator: No

This award does not support any NIH-defined Clinical Trials. See the NIH Grants Policy Statement Section 1.2 for NIH definition of Clinical Trial.

AWARD NOTICE - COOPERATIVE AGREEMENT TERMS & CONDITIONS:

This award has been made in response to the application submitted under the Funding Opportunity Announcement MH-20-145 and is issued as a cooperative agreement, a financial assistance mechanism in which substantial NIH scientific and/or programmatic involvement is anticipated in the performance of the activity. This award is subject to the Cooperative Agreement Terms and Conditions of Award as set forth in Section VI. Copy of these Terms and Conditions may be accessed at the following internet address: https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-20-145.html.

INFORMATION:

This grant is awarded with the understanding that project delays and challenges may occur due to COVID-19. It is NIMH's intention to ensure the ultimate success of each project: to that end, we will work with recipients on a case-by-case basis to identify flexibilities and find solutions. You are encouraged to refer to the NIH Guide (https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-086.html, and updates referenced therein) and to the regularly updated Frequently Asked Questions (https://grants.nih.gov/faqs#/covid-19.htm) for guidance on delays in research progress, delays in financial and RPPR reporting, costs, and other relevant issues, and contact your grants specialist and/or program officer with questions.

ADMINISTRATIVE REDUCTION:

In order to meet Institute program objectives within Fiscal Year 2020 budget constraints, the recommended levels for this grant have been reduced by 25%.

KEY PERSONNEL:

In addition to the PI, any absence, replacement, or substantial reduction in effort of the following individual(s) below, requires the written prior approval of the National Institute of Mental Health.

Dr. Cory Miller

NIH PROJECT SCIENTIST:

The Project Scientist for this award is Dr. Manuel Moro (morom@mail.nih.gov) from the National Institute of Aging (NIA).

BUDGET/PROJECT PERIOD ADJUSTMENT:

This grant has been selected under the NIMH plan to redistribute grant workloads more evenly throughout the year. Consequently, the initial budget period reflects a 5/31/2021 end date. Subsequent budget periods will begin on June 1st and will be for a 12-month duration. Although this grant will have a slightly shorter budget period this year, it is awarded the full 12-month level of funds for the budget period. If needed, additional time may be requested at the end of the project period for a first no-cost extension through eRA Commons.

CONSORTIUM / CONTRACTUAL COSTS:

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

This award includes funds for consortium activity with University of California, San Diego. Each consortium is to be established and administered in accordance with the NIH Grants Policy Statement (http://grants.nih.gov/grants/policy/nihgps/index.htm). No foreign performance site may be added to this project without the written prior approval of the National Institute of Mental Health.

DATA SHARING PLAN:
This award is subject to the data sharing guidance outlined in NOT-MH-19-010 and can be found at https://grants.nih.gov/grants/guide/notice-files/NOT-MH-19-010.html. Dissemination of study data will be in accord with the recipient's accepted data sharing plan as stated in the competing application dated 10/03/2019. **Please note that a statement of progress on the Sharing Plan must be included in the Research Performance Progress Report (RPPR) under section C.5 "Other Products and Resource Sharing."** Failure to adhere to the sharing plan as mutually agreed upon by the Recipient and the NIH/IC may result in Enforcement Actions as described in the NIH Grants Policy Statement.

STAFF CONTACTS

The Grants Management Specialist is responsible for the negotiation, award and administration of this project and for interpretation of Grants Administration policies and provisions. The Program Official is responsible for the scientific, programmatic and technical aspects of this project. These individuals work together in overall project administration. Prior approval requests (signed by an Authorized Organizational Representative) should be submitted in writing to the Grants Management Specialist. Requests may be made via e-mail.

Grants Management Specialist: Christine Clarkson
Email: christine.wise@nih.gov **Phone**: 301-402-5756

Program Official: Abigail A Soyombo-shoola
Email: abigail.soyombo@nih.gov **Phone**: 301-827-7329

SPREADSHEET SUMMARY
GRANT NUMBER: 1U24MH123423-01

INSTITUTION: JOHNS HOPKINS UNIVERSITY

Budget	Year 1	Year 2	Year 3	Year 4	Year 5
Salaries and Wages	$113,674	$113,674	$113,674	$113,674	$113,674
Fringe Benefits	$38,081	$38,081	$38,081	$38,081	$38,081
Personnel Costs (Subtotal)	$151,755	$151,755	$151,755	$151,755	$151,755
Equipment	$82,241	$75,000			
Materials & Supplies	$34,497	$24,222	$24,528	$24,843	$25,168
Travel	$2,250	$2,250	$2,250	$2,250	$2,250
Other	$215,700	$194,384	$204,783	$228,902	$212,594
Subawards/Consortium/Contractual Costs	$363,754	$425,025	$471,415	$414,559	$426,971
Publication Costs				$1,125	$1,500
TOTAL FEDERAL DC	$850,197	$872,636	$854,731	$823,434	$820,238
TOTAL FEDERAL F&A	$273,616	$237,540	$244,364	$260,658	$250,708
TOTAL COST	$1,123,813	$1,110,176	$1,099,095	$1,084,092	$1,070,946

Facilities and Administrative Costs	Year 1	Year 2	Year 3	Year 4	Year 5
F&A Cost Rate 1	63.75%	63.75%	63.75%	63.75%	63.75%
F&A Cost Base 1	$429,202	$372,611	$383,316	$408,875	$393,267
F&A Costs 1	$273,616	$237,540	$244,364	$260,658	$250,708

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022
N H NGA R | Version: 56 - 12/26/2018 2 22:00 PM| Generated on: 7/15/2020 12:02 39 AM

Recipient Information

1. Recipient Name
JOHNS HOPKINS UNIVERSITY, THE
3400 N CHARLES ST

BALTIMORE, MD 21218

2. Congressional District of Recipient
07

3. Payment System Identifier (ID)
username/ID

4. Employer Identification Number (EIN)
520595110

5. Data Universal Numbering System (DUNS)
001910777

6. Recipient's Unique Entity Identifier

7. Project Director or Principal Investigator
XIAOQIN WANG, PHD
Professor
xiaoqin.wang@jhu.edu
410-614-4547

8. Authorized Official
Marisa Bailey
mabailey@jhu.edu
443-287-0982

Federal Agency Information

9. Awarding Agency Contact Information
Rosemary M. Kresslein

NATIONAL INSTITUTE OF MENTAL HEALTH
rosemary.kresslein@nih.gov

10. Program Official Contact Information
Abigail A Soyombo-Shoola
Program Director
NATIONAL INSTITUTE OF MENTAL HEALTH
abigail.soyombo@nih.gov
301-827-7329

Federal Award Information

11. Award Number
5U24MH123423-02

12. Unique Federal Award Identification Number (FAIN)
U24MH123423

13. Statutory Authority
42 USC 241 31 USC 6305 42 CFR 52

14. Federal Award Project Title
Bicoastal Marmoset Breeding Center

15. Assistance Listing Number
93.242

16. Assistance Listing Program Title
Mental Health Research Grants

17. Award Action Type
Non-Competing Continuation

18. Is the Award R&D?
Yes

Summary Federal Award Financial Information

19. Budget Period Start Date 06/01/2021 – **End Date** 05/31/2022	
20. Total Amount of Federal Funds Obligated by this Action	$1,110,176
20 a. Direct Cost Amount	$872,636
20 b. Indirect Cost Amount	$237,540
21. Authorized Carryover	$0
22. Offset	$0
23. Total Amount of Federal Funds Obligated this budget period	$1,110,176
24. Total Approved Cost Sharing or Matching, where applicable	$0
25. Total Federal and Non-Federal Approved this Budget Period	$1,110,176
26. Project Period Start Date 07/15/2020 – **End Date** 05/31/2025	
27. Total Amount of the Federal Award including Approved Cost Sharing or Matching this Project Period	$2,233,989

28. Authorized Treatment of Program Income
Additional Costs

29. Grants Management Officer - Signature
Heather Weiss

30. Remarks

Acceptance of this award, including the "Terms and Conditions," is acknowledged by the recipient when funds are drawn down or otherwise requested from the grant payment system.

Version:203 - 1/27/2021 10:14 PM | Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

SECTION I – AWARD DATA – 5U24MH123423-02

Principal Investigator(s):
XIAOQIN WANG, PHD

Award e-mailed to: eawards@jhu.edu

Dear Authorized Official:

The National Institutes of Health hereby awards a grant in the amount of $1,110,176 (see "Award Calculation" in Section I and "Terms and Conditions" in Section III) to JOHNS HOPKINS UNIVERSITY in support of the above referenced project. This award is pursuant to the authority of 42 USC 241 31 USC 6305 42 CFR 52 and is subject to the requirements of this statute and regulation and of other referenced, incorporated or attached terms and conditions.

Acceptance of this award, including the "Terms and Conditions," is acknowledged by the recipient when funds are drawn down or otherwise requested from the grant payment system.

Each publication, press release, or other document about research supported by an NIH award must include an acknowledgment of NIH award support and a disclaimer such as "Research reported in this publication was supported by the National Institute Of Mental Health of the National Institutes of Health under Award Number U24MH123423. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health." Prior to issuing a press release concerning the outcome of this research, please notify the NIH awarding IC in advance to allow for coordination.

Award recipients must promote objectivity in research by establishing standards that provide a reasonable expectation that the design, conduct and reporting of research funded under NIH awards will be free from bias resulting from an Investigator's Financial Conflict of Interest (FCOI), in accordance with the 2011 revised regulation at 42 CFR Part 50 Subpart F. The Institution shall submit all FCOI reports to the NIH through the eRA Commons FCOI Module. The regulation does not apply to Phase I Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) awards. Consult the NIH website http://grants.nih.gov/grants/policy/coi/ for a link to the regulation and additional important information.

If you have any questions about this award, please direct questions to the Federal Agency contacts.

Sincerely yours,

Heather Weiss
Grants Management Officer
NATIONAL INSTITUTE OF MENTAL HEALTH

Additional information follows

Cumulative Award Calculations for this Budget Period (U.S. Dollars)

Version: 203 - 1/27/2021 10:14 PM | Generated on: 5/5/2021 12:10 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Salaries and Wages	$113,674
Fringe Benefits	$38,081
Personnel Costs (Subtotal)	$151,755
Equipment	$75,000
Materials & Supplies	$24,222
Travel	$2,250
Other	$194,384
Subawards/Consortium/Contractual Costs	$425,025
Federal Direct Costs	$872,636
Federal F&A Costs	$237,540
Approved Budget	$1,110,176
Total Amount of Federal Funds Authorized (Federal Share)	$1,110,176
TOTAL FEDERAL AWARD AMOUNT	$1,110,176
AMOUNT OF THIS ACTION (FEDERAL SHARE)	$1,110,176

SUMMARY TOTALS FOR ALL YEARS (for this Document Number)		
YR	**THIS AWARD**	**CUMULATIVE TOTALS**
2	$1,110,176	$1,110,176
3	$1,099,095	$1,099,095
4	$1,084,092	$1,084,092
5	$1,070,946	$1,070,946

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

Fiscal Information:

Payment System Identifier: 1520595110A1
Document Number: UMH123423A
PMS Account Type: P (Subaccount)
Fiscal Year: 2021

IC	CAN	2021	2022	2023	2024
MH	8027799	$860,176	$849,095	$834,092	$820,946
AG	8470713	$250,000	$250,000	$250,000	$250,000

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

NIH Administrative Data:
PCC: 1H-TDF / **OC**: 41029 / **Released**: Weiss, Heather 05/04/2021
Award Processed: 05/05/2021 12:10:16 AM

SECTION II – PAYMENT/HOTLINE INFORMATION – 5U24MH123423-02

For payment and HHS Office of Inspector General Hotline information, see the NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm

SECTION III – STANDARD TERMS AND CONDITIONS – 5U24MH123423-02

This award is based on the application submitted to, and as approved by, NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

a. The grant program legislation and program regulation cited in this Notice of Award.
b. Conditions on activities and expenditure of funds in other statutory requirements, such as those included in appropriations acts.
c. 45 CFR Part 75.

Version: 203 - 1/27/2021 10:14 PM | Generated on: 5/5/2021 12:10 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

d. National Policy Requirements and all other requirements described in the NIH Grants Policy Statement, including addenda in effect as of the beginning date of the budget period.
e. Federal Award Performance Goals: As required by the periodic report in the RPPR or in the final progress report when applicable.
f. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

(See NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)

Research and Development (R&D): All awards issued by the National Institutes of Health (NIH) meet the definition of "Research and Development" at 45 CFR Part§ 75.2**.** As such, auditees should identify NIH awards as part of the R&D cluster on the Schedule of Expenditures of Federal Awards (SEFA). The auditor should test NIH awards for compliance as instructed in Part V, Clusters of Programs. NIH recognizes that some awards may have another classification for purposes of indirect costs. The auditor is not required to report the disconnect (i.e., the award is classified as R&D for Federal Audit Requirement purposes but non-research for indirect cost rate purposes), unless the auditee is charging indirect costs at a rate other than the rate(s) specified in the award document(s).

This institution is a signatory to the Federal Demonstration Partnership (FDP) Phase VII Agreement which requires active institutional participation in new or ongoing FDP demonstrations and pilots.

Carry over of an unobligated balance into the next budget period requires Grants Management Officer prior approval.

This award is subject to the requirements of 2 CFR Part 25 for institutions to receive a Dun & Bradstreet Universal Numbering System (DUNS) number and maintain an active registration in the System for Award Management (SAM). Should a consortium/subaward be issued under this award, a DUNS requirement must be included. See http://grants.nih.gov/grants/policy/awardconditions.htm for the full NIH award term implementing this requirement and other additional information.

This award has been assigned the Federal Award Identification Number (FAIN) U24MH123423. Recipients must document the assigned FAIN on each consortium/subaward issued under this award.

Based on the project period start date of this project, this award is likely subject to the Transparency Act subaward and executive compensation reporting requirement of 2 CFR Part 170. There are conditions that may exclude this award; see http://grants.nih.gov/grants/policy/awardconditions.htm for additional award applicability information.

In accordance with P.L. 110-161, compliance with the NIH Public Access Policy is now mandatory. For more information, see NOT-OD-08-033 and the Public Access website: http://publicaccess.nih.gov/.

This award is funded by the following list of institutes. Any papers published under the auspices of this award must cite the funding support of all institutes.

National Institute Of Mental Health (NIMH) National Institute On Aging (NIA)

In accordance with the regulatory requirements provided at 45 CFR 75.113 and Appendix XII to 45 CFR Part 75, recipients that have currently active Federal grants, cooperative agreements, and procurement contracts with cumulative total value greater than $10,000,000 must report and maintain information in the System for Award Management (SAM) about civil, criminal, and administrative proceedings in connection with the award or performance of a Federal award that reached final disposition within the most recent five-year period. The recipient must also make semiannual disclosures regarding such

Version: 203 - 1/27/2021 10:14 PM | Generated on: 5/5/2021 12:10 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

proceedings. Proceedings information will be made publicly available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)). Full reporting requirements and procedures are found in Appendix XII to 45 CFR Part 75. This term does not apply to NIH fellowships.

Treatment of Program Income:

Additional Costs

SECTION IV – MH SPECIFIC AWARD CONDITIONS – 5U24MH123423-02

Clinical Trial Indicator: No

This award does not support any NIH-defined Clinical Trials. See the NIH Grants Policy Statement Section 1.2 for NIH definition of Clinical Trial.

AWARD NOTICE - COOPERATIVE AGREEMENT TERMS & CONDITIONS:

This award has been made in response to the application submitted under the Funding Opportunity Announcement **MH-20-145** and is issued as a cooperative agreement, a financial assistance mechanism in which substantial NIH scientific and/or programmatic involvement is anticipated in the performance of the activity. This award is subject to the Cooperative Agreement Terms and Conditions of Award as set forth in Section VI. Copy of these Terms and Conditions may be accessed at the following internet address: https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-20-145.html.

INFORMATION:

This grant is awarded with the understanding that project delays and challenges may occur due to COVID-19. It is NIMH's intention to ensure the ultimate success of each project: to that end, we will work with recipients on a case-by-case basis to identify flexibilities and find solutions. You are encouraged to refer to the NIH Guide (https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-086.html, and updates referenced therein) and to the regularly updated Frequently Asked Questions (https://grants.nih.gov/faqs#/covid-19.htm) for guidance on delays in research progress, delays in financial and RPPR reporting, costs, and other relevant issues, and contact your grants specialist and/or program officer with questions.

KEY PERSONNEL:

In addition to the PI, any absence, replacement, or substantial reduction in effort of the following individual(s) below, requires the written prior approval of the National Institute of Mental Health.

Cory Miller

NIH PROJECT SCIENTIST:

The Project Scientist for this award is **Dr. Manuel Moro** (morom@mail.nih.gov) from the **National Institute of Aging (NIA).**

CONSORTIUM / CONTRACTUAL COSTS:

This award includes funds for consortium activity with **University of California, San Diego**. Each consortium is to be established and administered in accordance with the NIH Grants Policy Statement (http://grants.nih.gov/grants/policy/nihgps/index.htm). No foreign performance site may be added to this project without the written prior approval of the National Institute of Mental Health.

DATA SHARING PLAN:

This award is subject to the data sharing guidance outlined in **NOT-MH-19-010** and can be found at https://grants.nih.gov/grants/guide/notice-files/NOT-MH-19-010.html. Dissemination of study data will be in accord with the recipient's accepted data sharing plan as stated in the competing application dated October 3, 2019.

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

***Please note that a statement of progress on the Sharing Plan must be included in the Research Performance Progress Report (RPPR) under section C.5 "Other Products and Resource Sharing." Failure to adhere to the sharing plan as mutually agreed upon by the Recipient and the NIH/IC may result in Enforcement Actions as described in the NIH Grants Policy Statement.**

SPREADSHEET SUMMARY
AWARD NUMBER: 5U24MH123423-02

INSTITUTION: JOHNS HOPKINS UNIVERSITY

Budget	Year 2	Year 3	Year 4	Year 5
Salaries and Wages	$113,674	$113,674	$113,674	$113,674
Fringe Benefits	$38,081	$38,081	$38,081	$38,081
Personnel Costs (Subtotal)	$151,755	$151,755	$151,755	$151,755
Equipment	$75,000			
Materials & Supplies	$24,222	$24,528	$24,843	$25,168
Travel	$2,250	$2,250	$2,250	$2,250
Other	$194,384	$204,783	$228,902	$212,594
Subawards/Consortium/Contractual Costs	$425,025	$471,415	$414,559	$426,971
Publication Costs			$1,125	$1,500
TOTAL FEDERAL DC	$872,636	$854,731	$823,434	$820,238
TOTAL FEDERAL F&A	$237,540	$244,364	$260,658	$250,708
TOTAL COST	$1,110,176	$1,099,095	$1,084,092	$1,070,946

Facilities and Administrative Costs	Year 2	Year 3	Year 4	Year 5
F&A Cost Rate 1	63.75%	63.75%	63.75%	63.75%
F&A Cost Base 1	$372,611	$383,316	$408,875	$393,267
F&A Costs 1	$237,540	$244,364	$260,658	$250,708

Version: 203 - 1/27/2021 10:14 PM | Generated on 5/5/2021 12:10 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Recipient Information

1. Recipient Name
JOHNS HOPKINS UNIVERSITY, THE
3400 N CHARLES ST

BALTIMORE, MD 21218

2. Congressional District of Recipient
07

3. Payment System Identifier (ID)
username/ID

4. Employer Identification Number (EIN)
520595110

5. Data Universal Numbering System (DUNS)
001910777

6. Recipient's Unique Entity Identifier

7. Project Director or Principal Investigator
XIAOQIN WANG, PHD
Professor
xiaoqin.wang@jhu.edu
(410) 614-4547

8. Authorized Official
Marisa Bailey
mabailey@jhu.edu
443-287-0982

Federal Agency Information

9. Awarding Agency Contact Information
Rosemary M. Kresslein

NATIONAL INSTITUTE OF MENTAL HEALTH
rosemary.kresslein@nih.gov

10. Program Official Contact Information
Abigail A Soyombo-Shoola
Program Director
NATIONAL INSTITUTE OF MENTAL HEALTH
abigail.soyombo@nih.gov
301-827-7329

Federal Award Information

11. Award Number
3U24MH123423-02S1

12. Unique Federal Award Identification Number (FAIN)
U24MH123423

13. Statutory Authority
42 USC 241 31 USC 6305 42 CFR 52

14. Federal Award Project Title
Bicoastal Marmoset Breeding Center

15. Assistance Listing Number
93.242

16. Assistance Listing Program Title
Mental Health Research Grants

17. Award Action Type
Supplement

18. Is the Award R&D?
Yes

Summary Federal Award Financial Information

19. Budget Period Start Date 06/01/2021 – **End Date** 05/31/2022	
20. Total Amount of Federal Funds Obligated by this Action	$298,186
20 a. Direct Cost Amount	$249,322
20 b. Indirect Cost Amount	$48,864
21. Authorized Carryover	$0
22. Offset	$0
23. Total Amount of Federal Funds Obligated this budget period	$298,186
24. Total Approved Cost Sharing or Matching, where applicable	$0
25. Total Federal and Non-Federal Approved this Budget Period	$298,186
26. Project Period Start Date 06/01/2021 – **End Date** 05/31/2022	
27. Total Amount of the Federal Award including Approved Cost Sharing or Matching this Project Period	$2,532,175

28. Authorized Treatment of Program Income
Additional Costs

29. Grants Management Officer - Signature
Rita Sisco

30. Remarks

Acceptance of this award, including the "Terms and Conditions," is acknowledged by the recipient when funds are drawn down or otherwise requested from the grant payment system.

Version:203 - 1/27/2021 10:14 PM | Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

SECTION I – AWARD DATA – 3U24MH123423-02S1

Principal Investigator(s):
XIAOQIN WANG, PHD

Award e-mailed to: eawards@jhu.edu

Dear Authorized Official:

The National Institutes of Health hereby awards a grant in the amount of $298,186 (see "Award Calculation" in Section I and "Terms and Conditions" in Section III) to JOHNS HOPKINS UNIVERSITY in support of the above referenced project. This award is pursuant to the authority of 42 USC 241 31 USC 6305 42 CFR 52 and is subject to the requirements of this statute and regulation and of other referenced, incorporated or attached terms and conditions.

Acceptance of this award, including the "Terms and Conditions," is acknowledged by the recipient when funds are drawn down or otherwise requested from the grant payment system.

Each publication, press release, or other document about research supported by an NIH award must include an acknowledgment of NIH award support and a disclaimer such as "Research reported in this publication was supported by the National Institute Of Mental Health of the National Institutes of Health under Award Number U24MH123423. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health." Prior to issuing a press release concerning the outcome of this research, please notify the NIH awarding IC in advance to allow for coordination.

Award recipients must promote objectivity in research by establishing standards that provide a reasonable expectation that the design, conduct and reporting of research funded under NIH awards will be free from bias resulting from an Investigator's Financial Conflict of Interest (FCOI), in accordance with the 2011 revised regulation at 42 CFR Part 50 Subpart F. The Institution shall submit all FCOI reports to the NIH through the eRA Commons FCOI Module. The regulation does not apply to Phase I Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) awards. Consult the NIH website http://grants.nih.gov/grants/policy/coi/ for a link to the regulation and additional important information.

If you have any questions about this award, please direct questions to the Federal Agency contacts.

Sincerely yours,

Rita Sisco
Grants Management Officer
NATIONAL INSTITUTE OF MENTAL HEALTH

Additional information follows

Cumulative Award Calculations for this Budget Period (U.S. Dollars)

Version: 203 - 1/27/2021 10:14 PM | Generated on: 5/10/2021 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Federal Direct Costs	$249,322
Federal F&A Costs	$48,864
Approved Budget	$298,186
Total Amount of Federal Funds Authorized (Federal Share)	$298,186
TOTAL FEDERAL AWARD AMOUNT	$298,186
AMOUNT OF THIS ACTION (FEDERAL SHARE)	$298,186

SUMMARY TOTAL FEDERAL AWARD AMOUNT YEAR (2) (for this Document Number)	
AWARD NUMBER	**TOTAL FEDERAL AWARD AMOUNT**
3U24MH123423-02S1	$298,186
5U24MH123423-02	$1,110,176
TOTAL	**$1,408,362**

SUMMARY TOTALS FOR ALL YEARS (for this Document Number)		
YR	**THIS AWARD**	**CUMULATIVE TOTALS**
2	$298,186	$1,408,362
3	$0	$1,099,095
4	$0	$1,084,092
5	$0	$1,070,946

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

Fiscal Information:

Payment System Identifier: 1520595110A1
Document Number: UMH123423A
PMS Account Type: P (Subaccount)
Fiscal Year: 2021

IC	CAN	2021
AG	8041087	$298,186

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

NIH Administrative Data:
PCC: 1H-TDF / **OC**: 41028 / **Released**: Sisco, Rita 05/07/2021
Award Processed: 05/10/2021 12:07:24 AM

SECTION II – PAYMENT/HOTLINE INFORMATION – 3U24MH123423-02S1

For payment and HHS Office of Inspector General Hotline information, see the NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm

SECTION III – STANDARD TERMS AND CONDITIONS – 3U24MH123423-02S1

This award is based on the application submitted to, and as approved by, NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

a. The grant program legislation and program regulation cited in this Notice of Award.
b. Conditions on activities and expenditure of funds in other statutory requirements, such as those included in appropriations acts.
c. 45 CFR Part 75.
d. National Policy Requirements and all other requirements described in the NIH Grants Policy Statement, including addenda in effect as of the beginning date of the budget period.

Version: 203 - 1/27/2021 10:14 PM | Generated on: 5/10/2021 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

e. Federal Award Performance Goals: As required by the periodic report in the RPPR or in the final progress report when applicable.
f. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

(See NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)

Research and Development (R&D): All awards issued by the National Institutes of Health (NIH) meet the definition of "Research and Development" at 45 CFR Part§ 75.2**.** As such, auditees should identify NIH awards as part of the R&D cluster on the Schedule of Expenditures of Federal Awards (SEFA). The auditor should test NIH awards for compliance as instructed in Part V, Clusters of Programs. NIH recognizes that some awards may have another classification for purposes of indirect costs. The auditor is not required to report the disconnect (i.e., the award is classified as R&D for Federal Audit Requirement purposes but non-research for indirect cost rate purposes), unless the auditee is charging indirect costs at a rate other than the rate(s) specified in the award document(s).

This institution is a signatory to the Federal Demonstration Partnership (FDP) Phase VII Agreement which requires active institutional participation in new or ongoing FDP demonstrations and pilots.

This award is subject to the requirements of 2 CFR Part 25 for institutions to receive a Dun & Bradstreet Universal Numbering System (DUNS) number and maintain an active registration in the System for Award Management (SAM). Should a consortium/subaward be issued under this award, a DUNS requirement must be included. See http://grants.nih.gov/grants/policy/awardconditions.htm for the full NIH award term implementing this requirement and other additional information.

This award has been assigned the Federal Award Identification Number (FAIN) U24MH123423. Recipients must document the assigned FAIN on each consortium/subaward issued under this award.

Based on the project period start date of this project, this award is likely subject to the Transparency Act subaward and executive compensation reporting requirement of 2 CFR Part 170. There are conditions that may exclude this award; see http://grants.nih.gov/grants/policy/awardconditions.htm for additional award applicability information.

In accordance with P.L. 110-161, compliance with the NIH Public Access Policy is now mandatory. For more information, see NOT-OD-08-033 and the Public Access website: http://publicaccess.nih.gov/.

This award represents the final year of the competitive segment for this grant. See the NIH Grants Policy Statement Section 8.6 Closeout for complete closeout requirements at: http://grants.nih.gov/grants/policy/policy.htm#gps.

A final expenditure Federal Financial Report (FFR) (SF 425) must be submitted through the eRA Commons (Commons) within 120 days of the period of performance end date; see the NIH Grants Policy Statement Section 8.6.1 Financial Reports, http://grants.nih.gov/grants/policy/policy.htm#gps, for additional information on this submission requirement. The final FFR must indicate the exact balance of unobligated funds and may not reflect any unliquidated obligations. There must be no discrepancies between the final FFR expenditure data and the Payment Management System's (PMS) quarterly cash transaction data. A final quarterly federal cash transaction report is not required for awards in PMS B subaccounts (i.e., awards to foreign entities and to Federal agencies). NIH will close the awards using the last recorded cash drawdown level in PMS for awards that do not require a final FFR on expenditures or quarterly federal cash transaction reporting. It is important to note that for financial closeout, if a grantee fails to submit a required final expenditure FFR, NIH will close the grant using the last recorded cash drawdown level. If the grantee submits a final expenditure FFR but does not reconcile any discrepancies between expenditures reported on the final expenditure FFR and the last cash report to PMS, NIH will close the award at the lower amount. This could be considered a debt or result in disallowed costs.

Version: 203 - 1/27/2021 10:14 PM | Generated on: 5/10/2021 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

A Final Invention Statement and Certification form (HHS 568), (not applicable to training, construction, conference or cancer education grants) must be submitted within 120 days of the expiration date. The HHS 568 form may be downloaded at: http://grants.nih.gov/grants/forms.htm. This paragraph does not apply to Training grants, Fellowships, and certain other programs—i.e., activity codes C06, D42, D43, D71, DP7, G07, G08, G11, K12, K16, K30, P09, P40, P41, P51, R13, R25, R28, R30, R90, RL5, RL9, S10, S14, S15, U13, U14, U41, U42, U45, UC6, UC7, UR2, X01, X02.

Unless an application for competitive renewal is submitted, a Final Research Performance Progress Report (Final RPPR) must also be submitted within 120 days of the period of performance end date. If a competitive renewal application is submitted prior to that date, then an Interim RPPR must be submitted by that date as well. Instructions for preparing an Interim or Final RPPR are at: https://grants.nih.gov/grants/rppr/rppr_instruction_guide.pdf. Any other specific requirements set forth in the terms and conditions of the award must also be addressed in the Interim or Final RPPR. *Note that data reported within Section I of the Interim and Final RPPR forms will be made public and should be written for a lay person audience*.

NIH strongly encourages electronic submission of the final invention statement through the Closeout feature in the Commons, but will accept an email or hard copy submission as indicated below.

Email: The final invention statement may be e-mailed as PDF attachments to: NIHCloseoutCenter@mail.nih.gov.

Hard copy: Paper submissions of the final invention statement may be faxed to the NIH Division of Central Grants Processing, Grants Closeout Center, at 301-480-2304, or mailed to:

National Institutes of Health
Office of Extramural Research
Division of Central Grants Processing
Grants Closeout Center
6705 Rockledge Drive
Suite 5016, MSC 7986
Bethesda, MD 20892-7986 (for regular or U.S. Postal Service Express mail)
Bethesda, MD 20817 (for other courier/express deliveries only)

NOTE: If this is the final year of a competitive segment due to the transfer of the grant to another institution, then a Final RPPR is not required. However, a final expenditure FFR is required and should be submitted electronically as noted above. If not already submitted, the Final Invention Statement is required and should be sent directly to the assigned Grants Management Specialist.

This award is funded by the following list of institutes. Any papers published under the auspices of this award must cite the funding support of all institutes.

National Institute On Aging (NIA)

In accordance with the regulatory requirements provided at 45 CFR 75.113 and Appendix XII to 45 CFR Part 75, recipients that have currently active Federal grants, cooperative agreements, and procurement contracts with cumulative total value greater than $10,000,000 must report and maintain information in the System for Award Management (SAM) about civil, criminal, and administrative proceedings in connection with the award or performance of a Federal award that reached final disposition within the most recent five-year period. The recipient must also make semiannual disclosures regarding such proceedings. Proceedings information will be made publicly available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)). Full reporting requirements and procedures are found in Appendix XII to 45 CFR Part 75. This term does not apply to NIH fellowships.

Treatment of Program Income:
Additional Costs

Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Clinical Trial Indicator: No
This award does not support any NIH-defined Clinical Trials. See the NIH Grants Policy Statement Section 1.2 for NIH definition of Clinical Trial.

AWARD NOTICE:
This award has been made in response to the application submitted under the Funding Opportunity Announcement NOT-AG-20-034 which can be referenced at: https://grants.nih.gov/grants/guide/notice-files/NOT-AG-20-034.html.

INFORMATION:
This grant is awarded with the understanding that project delays and challenges may occur due to COVID-19. It is NIMH's intention to ensure the ultimate success of each project: to that end, we will work with recipients on a case-by-case basis to identify flexibilities and find solutions. You are encouraged to refer to the NIH Guide (https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-086.html, and updates referenced therein) and to the regularly updated Frequently Asked Questions (https://grants.nih.gov/faqs#/covid-19.htm) for guidance on delays in research progress, delays in financial and RPPR reporting, costs, and other relevant issues, and contact your grants specialist and/or program officer with questions.

RESTRICTION: ADMINISTRATIVE SUPPLEMENT:
This award provides an administrative supplement in the amount of $298,186 total costs ($249,322 direct costs + $48,864 facilities and administrative costs) per recipient's request dated 10/16/2020. These funds may not be used for any other purpose without the prior written approval of NIMH staff. Funds carried over will remain restricted for the stated purpose only. Any ultimate balance of the restricted funds must be specifically identified on the Federal Financial Report (if applicable).

SPREADSHEET SUMMARY
AWARD NUMBER: 3U24MH123423-02S1

INSTITUTION: JOHNS HOPKINS UNIVERSITY

Facilities and Administrative Costs	Year 2	Year 3	Year 4	Year 5
F&A Cost Rate 1	63.75%			
F&A Cost Base 1	$76,650			
F&A Costs 1	$48,864			

Version: 203 - 1/27/2021 10:14 PM | Generated on: 5/10/2021 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Recipient Information

1. Recipient Name
JOHNS HOPKINS UNIVERSITY, THE
3400 N CHARLES ST

BALTIMORE, 21218

2. Congressional District of Recipient
07

3. Payment System Identifier (ID)
username/ID

4. Employer Identification Number (EIN)
520595110

5. Data Universal Numbering System (DUNS)
001910777

6. Recipient's Unique Entity Identifier
FTMTDMBR29C7

7. Project Director or Principal Investigator
XIAOQIN WANG, PHD
Professor
xiaoqin.wang@jhu.edu
410-614-4547

8. Authorized Official
SHAREL A BROWN
sbrown80@jhmi.edu
443-287-0982

Federal Agency Information

9. Awarding Agency Contact Information
Maggie C. Paolini
Grants Management Specialist
NATIONAL INSTITUTE OF MENTAL HEALTH
maggie.paolini@nih.gov
301-443-2746

10. Program Official Contact Information
Abigail A Soyombo-Shoola
Program Director
NATIONAL INSTITUTE OF MENTAL HEALTH
abigail.soyombo@nih.gov
301-827-7329

Federal Award Information

11. Award Number
5U24MH123423-03

12. Unique Federal Award Identification Number (FAIN)
U24MH123423

13. Statutory Authority
42 USC 241 31 USC 6305 42 CFR 52

14. Federal Award Project Title
Bicoastal Marmoset Breeding Center

15. Assistance Listing Number
93.242

16. Assistance Listing Program Title
Mental Health Research Grants

17. Award Action Type
Non-Competing Continuation

18. Is the Award R&D?
Yes

Summary Federal Award Financial Information

19. Budget Period Start Date 06/01/2022 – **End Date** 05/31/2023	
20. Total Amount of Federal Funds Obligated by this Action	$1,099,095
20 a. Direct Cost Amount	$854,731
20 b. Indirect Cost Amount	$244,364
21. Authorized Carryover	
22. Offset	
23. Total Amount of Federal Funds Obligated this budget period	$1,099,095
24. Total Approved Cost Sharing or Matching, where applicable	$0
25. Total Federal and Non-Federal Approved this Budget Period	$1,099,095
26. Project Period Start Date 07/15/2020 – **End Date** 05/31/2025	
27. Total Amount of the Federal Award including Approved Cost Sharing or Matching this Project Period	$3,631,270

28. Authorized Treatment of Program Income
Additional Costs

29. Grants Management Officer - Signature
Theresa A. Mercogliano

30. Remarks

Acceptance of this award, including the "Terms and Conditions," is acknowledged by the recipient when funds are drawn down or otherwise requested from the grant payment system.

Version:5 - 12/16/2021 7:39 PM | Generated by eRA Commons
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

SECTION I – AWARD DATA – 5U24MH123423-03

Principal Investigator(s):
XIAOQIN WANG, PHD

Award e-mailed to: eawards@jhu.edu

Dear Authorized Official:

The National Institutes of Health hereby awards a grant in the amount of $1,099,095 (see "Award Calculation" in Section I and "Terms and Conditions" in Section III) to JOHNS HOPKINS UNIVERSITY in support of the above referenced project. This award is pursuant to the authority of 42 USC 241 31 USC 6305 42 CFR 52 and is subject to the requirements of this statute and regulation and of other referenced, incorporated or attached terms and conditions.

Acceptance of this award, including the "Terms and Conditions," is acknowledged by the recipient when funds are drawn down or otherwise requested from the grant payment system.

Each publication, press release, or other document about research supported by an NIH award must include an acknowledgment of NIH award support and a disclaimer such as "Research reported in this publication was supported by the National Institute Of Mental Health of the National Institutes of Health under Award Number U24MH123423. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health." Prior to issuing a press release concerning the outcome of this research, please notify the NIH awarding IC in advance to allow for coordination.

Award recipients must promote objectivity in research by establishing standards that provide a reasonable expectation that the design, conduct and reporting of research funded under NIH awards will be free from bias resulting from an Investigator's Financial Conflict of Interest (FCOI), in accordance with the 2011 revised regulation at 42 CFR Part 50 Subpart F. The Institution shall submit all FCOI reports to the NIH through the eRA Commons FCOI Module. The regulation does not apply to Phase I Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) awards. Consult the NIH website http://grants.nih.gov/grants/policy/coi/ for a link to the regulation and additional important information.

If you have any questions about this award, please direct questions to the Federal Agency contacts.

Sincerely yours,

Theresa A. Mercogliano
Grants Management Officer
NATIONAL INSTITUTE OF MENTAL HEALTH

Additional information follows

Version: 5 - 12/16/2021 7:39 PM | Generated on: 5/13/2022 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Cumulative Award Calculations for this Budget Period (U.S. Dollars)

Salaries and Wages	$113,674
Fringe Benefits	$38,081
Personnel Costs (Subtotal)	$151,755
Materials & Supplies	$24,528
Travel	$2,250
Other	$204,783
Subawards/Consortium/Contractual Costs	$471,415
Federal Direct Costs	$854,731
Federal F&A Costs	$244,364
Approved Budget	$1,099,095
Total Amount of Federal Funds Authorized (Federal Share)	$1,099,095
TOTAL FEDERAL AWARD AMOUNT	$1,099,095
AMOUNT OF THIS ACTION (FEDERAL SHARE)	$1,099,095

SUMMARY TOTALS FOR ALL YEARS (for this Document Number)		
YR	**THIS AWARD**	**CUMULATIVE TOTALS**
3	$1,099,095	$1,099,095
4	$1,084,092	$1,084,092
5	$1,070,946	$1,070,946

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

Fiscal Information:

Payment System Identifier:	1520595110A1
Document Number:	UMH123423A
PMS Account Type:	P (Subaccount)
Fiscal Year:	2022

IC	CAN	2022	2023	2024
MH	8027799	$849,095	$834,092	$820,946
AG	8470713	$250,000	$250,000	$250,000

Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project

NIH Administrative Data:
PCC: 1H-TDF / **OC**: 41029 / **Released**: Mercogliano, Theresa 05/12/2022
Award Processed: 05/13/2022 12:07:48 AM

SECTION II – PAYMENT/HOTLINE INFORMATION – 5U24MH123423-03

For payment and HHS Office of Inspector General Hotline information, see the NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm

SECTION III – STANDARD TERMS AND CONDITIONS – 5U24MH123423-03

This award is based on the application submitted to, and as approved by, NIH on the above-titled project and is subject to the terms and conditions incorporated either directly or by reference in the following:

a. The grant program legislation and program regulation cited in this Notice of Award.
b. Conditions on activities and expenditure of funds in other statutory requirements, such as those included in appropriations acts.
c. 45 CFR Part 75.
d. National Policy Requirements and all other requirements described in the NIH Grants Policy

Version: 5 - 12/16/2021 7:39 PM | Generated on: 5/13/2022 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Statement, including addenda in effect as of the beginning date of the budget period.

e. Federal Award Performance Goals: As required by the periodic report in the RPPR or in the final progress report when applicable.
f. This award notice, INCLUDING THE TERMS AND CONDITIONS CITED BELOW.

(See NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)

Research and Development (R&D): All awards issued by the National Institutes of Health (NIH) meet the definition of "Research and Development" at 45 CFR Part§ 75.2**.** As such, auditees should identify NIH awards as part of the R&D cluster on the Schedule of Expenditures of Federal Awards (SEFA). The auditor should test NIH awards for compliance as instructed in Part V, Clusters of Programs. NIH recognizes that some awards may have another classification for purposes of indirect costs. The auditor is not required to report the disconnect (i.e., the award is classified as R&D for Federal Audit Requirement purposes but non-research for indirect cost rate purposes), unless the auditee is charging indirect costs at a rate other than the rate(s) specified in the award document(s).

This institution is a signatory to the Federal Demonstration Partnership (FDP) Phase VII Agreement which requires active institutional participation in new or ongoing FDP demonstrations and pilots.

Carry over of an unobligated balance into the next budget period requires Grants Management Officer prior approval.

This award is subject to the requirements of 2 CFR Part 25 for institutions to obtain a unique entity identifier (UEI) and maintain an active registration in the System for Award Management (SAM). Should a consortium/subaward be issued under this award, a UEI requirement must be included. See http://grants.nih.gov/grants/policy/awardconditions.htm for the full NIH award term implementing this requirement and other additional information.

This award has been assigned the Federal Award Identification Number (FAIN) U24MH123423. Recipients must document the assigned FAIN on each consortium/subaward issued under this award.

Based on the project period start date of this project, this award is likely subject to the Transparency Act subaward and executive compensation reporting requirement of 2 CFR Part 170. There are conditions that may exclude this award; see http://grants.nih.gov/grants/policy/awardconditions.htm for additional award applicability information.

In accordance with P.L. 110-161, compliance with the NIH Public Access Policy is now mandatory. For more information, see NOT-OD-08-033 and the Public Access website: http://publicaccess.nih.gov/.

This award is funded by the following list of institutes. Any papers published under the auspices of this award must cite the funding support of all institutes.

National Institute Of Mental Health (NIMH) National Institute On Aging (NIA)

In accordance with the regulatory requirements provided at 45 CFR 75.113 and Appendix XII to 45 CFR Part 75, recipients that have currently active Federal grants, cooperative agreements, and procurement contracts with cumulative total value greater than $10,000,000 must report and maintain information in the System for Award Management (SAM) about civil, criminal, and administrative proceedings in connection with the award or performance of a Federal award that reached final disposition within the most recent five-year period. The recipient must also make semiannual disclosures regarding such proceedings. Proceedings information will be made publicly available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)). Full reporting requirements and procedures are found in Appendix XII to 45 CFR Part 75. This term does not apply to NIH fellowships.

Version: 5 - 12/16/2021 7:39 PM | Generated on: 5/13/2022 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022

Treatment of Program Income:
Additional Costs

SECTION IV – MH SPECIFIC AWARD CONDITIONS – 5U24MH123423-03

Clinical Trial Indicator: No
This award does not support any NIH-defined Clinical Trials. See the NIH Grants Policy Statement Section 1.2 for NIH definition of Clinical Trial.

AWARD NOTICE - COOPERATIVE AGREEMENT TERMS & CONDITIONS:
This award has been made in response to the application submitted under the Funding Opportunity Announcement **MH-20-145** and is issued as a cooperative agreement, a financial assistance mechanism in which substantial NIH scientific and/or programmatic involvement is anticipated in the performance of the activity. This award is subject to the Cooperative Agreement Terms and Conditions of Award as set forth in Section VI. Copy of these Terms and Conditions may be accessed at the following internet address: https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-20-145.html.

INFORMATION:
This grant is awarded with the understanding that project delays and challenges may occur due to COVID-19. It is NIMH's intention to ensure the ultimate success of each project: to that end, we will work with recipients on a case-by-case basis to identify flexibilities and find solutions. You are encouraged to refer to the NIH Guide (https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-086.html, and updates referenced therein) and to the regularly updated Frequently Asked Questions (https://grants.nih.gov/faqs#/covid-19.htm) for guidance on delays in research progress, delays in financial and RPPR reporting, costs, and other relevant issues, and contact your grants specialist and/or program officer with questions.

KEY PERSONNEL:
In addition to the PI, any absence, replacement, or substantial reduction in effort of the following individual(s) below, requires the written prior approval of the National Institute of Mental Health.

Cory Miller

NIH PROJECT SCIENTIST:
The Project Scientist for this award is **Dr. Manuel Moro** (morom@mail.nih.gov) from the **National Institute of Aging (NIA).**

CONSORTIUM / CONTRACTUAL COSTS:
This award includes funds for consortium activity with **University of California, San Diego**. Each consortium is to be established and administered in accordance with the NIH Grants Policy Statement (http://grants.nih.gov/grants/policy/nihgps/index.htm). No foreign performance site may be added to this project without the written prior approval of the National Institute of Mental Health.

DATA SHARING PLAN:
This award is subject to the data sharing guidance outlined in **NOT-MH-19-010** and can be found at https://grants.nih.gov/grants/guide/notice-files/NOT-MH-19-010.html. Dissemination of study data will be in accord with the recipient's accepted data sharing plan as stated in the competing application dated October 3, 2019.

***Please note that a statement of progress on the Sharing Plan must be included in the Research Performance Progress Report (RPPR) under section C.5 "Other Products and Resource Sharing." Failure to adhere to the sharing plan as mutually agreed upon by the Recipient and the NIH/IC may result in Enforcement Actions as described in the NIH Grants Policy Statement.**

SPREADSHEET SUMMARY
AWARD NUMBER: 5U24MH123423-03

Version: 5 - 12/16/2021 7:39 PM | Generated on: 5/13/2022 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/10/2022

Budget	Year 3	Year 4	Year 5
Salaries and Wages	$113,674	$113,674	$113,674
Fringe Benefits	$38,081	$38,081	$38,081
Personnel Costs (Subtotal)	$151,755	$151,755	$151,755
Materials & Supplies	$24,528	$24,843	$25,168
Travel	$2,250	$2,250	$2,250
Other	$204,783	$228,902	$212,594
Subawards/Consortium/Contractual Costs	$471,415	$414,559	$426,971
Publication Costs		$1,125	$1,500
TOTAL FEDERAL DC	$854,731	$823,434	$820,238
TOTAL FEDERAL F&A	$244,364	$260,658	$250,708
TOTAL COST	$1,099,095	$1,084,092	$1,070,946

Facilities and Administrative Costs	Year 3	Year 4	Year 5
F&A Cost Rate 1	63.75%	63.75%	63.75%
F&A Cost Base 1	$383,316	$408,875	$393,267
F&A Costs 1	$244,364	$260,658	$250,708

Version: 5 - 12/16/2021 7:39 PM | Generated on: 5/13/2022 12:07 AM
Obtained by Rise for Animals.
Uploaded to Animal Research Laboratory Overview (ARLO) on 08/18/2022