

GRANT NO. VMR202101

GRANT BETWEEN
THE STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
AND
WAYNE STATE UNIVERSITY

GRANTEE/ADDRESS:

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Wayne State University School of Medicine
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GRANT ADMINISTRATOR/ADDRESS:

David Harns
Marijuana Regulatory Agency
Department of Licensing and Regulatory Affairs
2407 N. Grand River
Lansing, MI 48906
(517) 284-8599

GRANT PERIOD: August 16, 2021 through July 31, 2024

TOTAL AUTHORIZED BUDGET: \$7,020,950

SIGMA Vendor I.D.: CV0048715
SIGMA Payment Address Code: 144

GRANT

This is Grant #VMR202101 between the Department of Licensing and Regulatory Affairs (Grantor), and Wayne State University (Grantee), subject to terms and conditions of this grant agreement (Agreement).

1.0 Statement of Purpose

The recipients of this grant will coordinate and manage research into the efficacy of marijuana in treating the medical conditions of United States armed services veterans and preventing veteran suicide. The clinical trials performed during this research must be approved by the United States Food and Drug Administration (FDA). This FDA approval must be presented to the Grantor before the clinical trials may begin.

1.1 Statement of Work

The Grantee agrees to undertake, perform, and complete the following project:

Evaluate, coordinate and manage researchers whose clinical trials are approved by the United States Food and Drug Administration. The researchers will efficiently research the efficacy of marijuana in treating the medical conditions of United States armed services veterans and preventing veteran suicide, and are capable of performing the project within the established guidelines. The clinical trials performed during this research must be approved by the United States Food and Drug Administration (FDA). This FDA approval must be presented to the Grantor before the clinical trials may begin.

These services are more specifically described in the Grantee's Proposal, Attachment A.

1.2 Detailed Budget

- A. This Agreement does not commit the State of Michigan (State) or the Department of Licensing and Regulatory Affairs (LARA) to approve requests for additional funds at any time.
- B. If applicable, travel expenses will not be reimbursed at rates greater than the State Travel Rates, Attachment C, without the prior written consent of the Grant Administrator.
- C. Attachment B is the Budget. The Grantee agrees that all funds shown in the Budget are to be spent as detailed in the Budget.

Changes in the Budget of less than 5% of the total line item amount do not require prior written approval, but Grantee must provide notice to the Grant Administrator.

Changes in the Budget equal to or greater than 5% of the total line item amount will be allowed only upon prior review and written approval by the Grant Administrator. A formal grant amendment must be signed by both the Grantor and Grantee.

1.3 Payment Schedule

The maximum amount of grant assistance offered is \$7,020,950.

An initial advance of 50% of the total grant award will be made to the selected applicant(s) after a Grant Agreement is fully executed.

Two subsequent advances of 20% of the total grant award will be provided upon submission of a Financial Status Report/Payment Request accompanied by documentation showing that at least 50% of the prior advance has been expended.

Ten (10) percent of the total grant award will be held back pending verification and approval of monthly financial status reports as well as an Interim Project Status Report.

Public Act 279 of 1984 states that the state shall take all steps necessary to assure that payment for goods or services, is mailed within 45 days after receipt of the goods or services, a complete invoice for goods or services, or a complete contract for goods or services, whichever is later.

1.4 Monitoring and Reporting Program Performance

- A. Monitoring. The Grantee shall monitor performance to assure that time schedules are being met and projected work by time period is being accomplished.
- B. Quarterly Reports. The Grantee shall submit to the Grant Administrator **quarterly** performance reports that briefly present the following information:
 - 1. Percent of completion of the project objectives. This should include a brief outline of the work accomplished during the reporting period and the work to be completed during the subsequent reporting period.
 - 2. Brief description of problems or delays, real or anticipated, which should be brought to the attention of the Grant Administrator.
 - 3. Statement concerning any significant deviation from previously agreed-upon Statement of Work.
- C. A Final Report is required. The Grantee will do the following:
 - 1. Submit one draft copy of the final report for review by the Grant Administrator.
 - 2. The final report will include the following information:

- a. A summary of the project implementation plan and any deviations from the original project as proposed.
- b. Accomplishments and problems experienced while carrying out the project activities.
- c. Coordinated efforts with other organizations to complete the project.
- d. Impacts, anticipated and unanticipated, experienced as a result of the project implementation.
- e. Financial expenditures of grant money and other contributions to the project, in-kind and/or direct funding.
- f. Any experience in applying the project products and anticipated “next steps”.
- g. Actual Budget expenditures compared to the Budget in this Agreement. Include the basis or reason for any discrepancies.

PART II - GENERAL PROVISIONS

2.1 Project Changes

Grantee must obtain prior written approval for project changes from the Grant Administrator. **See Section 1.2, Detailed Budget.**

2.2 Delegation

Grantee may not delegate any of its obligations under the Grant without the prior written approval of the State. Grantee must notify the State at least 90 calendar days before the proposed delegation, and provide the State any information it requests to determine whether the delegation is in its best interest. If approved, Grantee must: (a) be the sole point of contact regarding all contractual project matters, including payment and charges for all Grant Activities; (b) make all payments to the subgrantee; and (c) incorporate the terms and conditions contained in this Grant in any subgrant with a subgrantee. Grantee remains responsible for the completion of the Grant Activities, compliance with the terms of this Grant, and the acts and omissions of the subgrantee. The State, in its sole discretion, may require the replacement of any subgrantee.

2.3 Project Income

To the extent that it can be determined that interest was earned on advances of funds, such interest shall be remitted to the Grantor. All other program income shall either be added to the project budget and used to further eligible program objectives or deducted from the total

program budget for the purpose of determining the amount of reimbursable costs. The final determination shall be made by the Grant Administrator.

2.4 Share-in-savings

The Grantor expects to share in any cost savings realized by the Grantee. Therefore, final Grantee reimbursement will be based on actual expenditures. Exceptions to this requirement must be approved in writing by the Grant Administrator.

2.5 Order of Spending

Unless otherwise required, Grantee shall expend funds in the following order: (1) private or local funds, (2) federal funds, and (3) state funds. Grantee is responsible for securing any required matching funds from sources other than the State.

2.6 Purchase of Equipment

The purchase of equipment not specifically listed in the Budget, Attachment B, must have prior written approval of the Grant Administrator. Equipment is defined as non-expendable personal property having a useful life of more than one year. Such equipment shall be retained by the Grantee unless otherwise specified at the time of approval.

2.7 Accounting

The Grantee shall adhere to the Generally Accepted Accounting Principles and shall maintain records which will allow, at a minimum, for the comparison of actual outlays with budgeted amounts. The Grantee's overall financial management system must ensure effective control over and accountability for all funds received. Accounting records must be supported by source documentation including, but not limited to, balance sheets, general ledgers, time sheets and invoices. The expenditure of state funds shall be reported by line item and compared to the Budget.

2.8 Records Maintenance, Inspection, Examination, and Audit

The State or its designee may audit Grantee to verify compliance with this Grant. Grantee must retain, and provide to the State or its designee upon request, all financial and accounting records related to the Grant through the term of the Grant and for 7 years after the latter of termination, expiration, or final payment under this Grant or any extension ("Audit Period"). If an audit, litigation, or other action involving the records is initiated before the end of the Audit Period, Grantee must retain the records until all issues are resolved.

Within 10 calendar days of providing notice, the State and its authorized representatives or designees have the right to enter and inspect Grantee's premises or any other places where Grant Activities are being performed, and examine, copy, and audit all records related to this Grant. Grantee must cooperate and provide reasonable assistance. If any financial errors are revealed, the amount in error must be reflected as a credit or debit on subsequent invoices until the amount

is paid or refunded. Any remaining balance at the end of the Grant must be paid or refunded within 45 calendar days.

This Section applies to Grantee, any parent, affiliate, or subsidiary organization of Grantee, and any subgrantee that performs Grant Activities in connection with this Grant.

If the Grantee is a governmental or non-profit organization and expends the minimum level specified in OMB Uniform Guidance (\$750,000 as of December 26, 2013) or more in total federal funds in its fiscal year, then Grantee is required to submit an Audit Report to the Federal Audit Clearinghouse (FAC) as required in 200.36.

2.9 Competitive Bidding

The Grantee agrees that all procurement transactions involving the use of state funds shall be conducted in a manner that provides maximum open and free competition. When competitive selection is not feasible or practical, the Grantee agrees to obtain the written approval of the Grant Administrator before making a sole source selection. Sole source contracts should be negotiated to the extent that such negotiation is possible.

3.0 Liability

The State is not liable for any costs incurred by the Grantee before the start date or after the end date of this Agreement. Liability of the State is limited to the terms and conditions of this Agreement and the grant amount.

3.1 Intellectual Property

Unless otherwise required by law, all intellectual property developed using funds from this Agreement, including copyright, patent, trademark and trade secret, shall belong to the Grantee.

The Grantee will agree to grant to the State a nonexclusive, irrevocable license to reproduce, translate, publish, use, and dispose of all copyrightable material developed as a result of the project.

3.2 Safety

The Grantee, and all subgrantees are responsible for insuring that all precautions are exercised at all times for the protection of persons and property. Safety provisions of all Applicable Laws and building and construction codes shall be observed. The Grantee, and every subgrantee are responsible for compliance with all federal, state and local laws and regulations in any manner affecting the work or performance of this Agreement and shall at all times carefully observe and comply with all rules, ordinances, and regulations. The Grantee, and all subgrantees shall secure all necessary certificates and permits from municipal or other public authorities as may be required in connection with the performance of this Agreement.

3.3 General Indemnification

Grantee must defend, indemnify and hold the State, its departments, divisions, agencies, offices, commissions, officers, and employees harmless, without limitation, from and against any and all actions, claims, losses, liabilities, damages, costs, attorney fees, and expenses (including those required to establish the right to indemnification), arising out of or relating to: (a) any breach by Grantee (or any of Grantee's employees, agents, subgrantees, or by anyone else for whose acts any of them may be liable) of any of the promises, agreements, representations, warranties, or insurance requirements contained in this Grant; (b) any infringement, misappropriation, or other violation of any intellectual property right or other right of any third party; (c) any bodily injury, death, or damage to real or tangible personal property occurring wholly or in part due to action or inaction by Grantee (or any of Grantee's employees, agents, subgrantees, or by anyone else for whose acts any of them may be liable); and (d) any acts or omissions of Grantee (or any of Grantee's employees, agents, subgrantees, or by anyone else for whose acts any of them may be liable).

The State will notify Grantee in writing if indemnification is sought; however, failure to do so will not relieve Grantee, except to the extent that Grantee is materially prejudiced. Grantee must, to the satisfaction of the State, demonstrate its financial ability to carry out these obligations.

The State is entitled to: (i) regular updates on proceeding status; (ii) participate in the defense of the proceeding; (iii) employ its own counsel; and to (iv) retain control of the defense if the State deems necessary. Grantee will not, without the State's written consent (not to be unreasonably withheld), settle, compromise, or consent to the entry of any judgment in or otherwise seek to terminate any claim, action, or proceeding. To the extent that any State employee, official, or law may be involved or challenged, the State may, at its own expense, control the defense of that portion of the claim.

3.4 Termination

A. Termination for Cause

The State may terminate this Grant for cause, in whole or in part, if Grantee, as determined by the State: (a) endangers the value, integrity, or security of any location, data, or personnel; (b) becomes insolvent, petitions for bankruptcy court proceedings, or has an involuntary bankruptcy proceeding filed against it by any creditor; (c) engages in any conduct that may expose the State to liability; (d) breaches any of its material duties or obligations; or (e) fails to cure a breach within the time stated in a notice of breach. Any reference to specific breaches being material breaches within this Grant will not be construed to mean that other breaches are not material.

If the State terminates this Grant under this Section, the State will issue a termination notice specifying whether Grantee must: (a) cease performance immediately, or (b) continue to perform for a specified period. If it is later determined that Grantee was not in breach of the Grant, the termination will be

deemed to have been a Termination for Convenience, effective as of the same date, and the rights and obligations of the parties will be limited to those provided in Subsection B, Termination for Convenience.

The State will only pay for amounts due to Grantee for Grant Activities accepted by the State on or before the date of termination, subject to the State's right to set off any amounts owed by the Grantee for the State's reasonable costs in terminating this Grant. The Grantee must pay all reasonable costs incurred by the State in terminating this Grant for cause, including administrative costs, attorneys' fees, court costs, transition costs, and any costs the State incurs to procure the Grant Activities from other sources.

B. Termination for Convenience

The State may immediately terminate this Grant in whole or in part without penalty and for any reason, including but not limited to, appropriation or budget shortfalls. If the State terminates this Grant for convenience, the State will pay all reasonable costs, as determined by the State, for State approved Grant Responsibilities.

3.5 Conflicts and Ethics

Grantee will uphold high ethical standards and is prohibited from: (a) holding or acquiring an interest that would conflict with this Grant; (b) doing anything that creates an appearance of impropriety with respect to the award or performance of the Grant; (c) attempting to influence or appearing to influence any State employee by the direct or indirect offer of anything of value; or (d) paying or agreeing to pay any person, other than employees and consultants working for Grantee, any consideration contingent upon the award of the Grant. Grantee must immediately notify the State of any violation or potential violation of these standards. This Section applies to Grantee, any parent, affiliate, or subsidiary organization of Grantee, and any subgrantee that performs Grant Activities in connection with this Grant.

3.6 Non-Discrimination

Under the Elliott-Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, et seq., and the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, et seq., Grantee and its subgrantees agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, partisan considerations, or a disability or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position. Breach of this covenant is a material breach of this Grant.

3.7 Unfair Labor Practices

Under MCL 423.324, the State may void any Grant with a Grantee or subgrantee who appears on the Unfair Labor Practice register compiled under MCL 423.322.

3.8 Force Majeure

Neither party will be in breach of this Grant because of any failure arising from any disaster or acts of god that are beyond their control and without their fault or negligence. Each party will use commercially reasonable efforts to resume performance. Grantee will not be relieved of a breach or delay caused by its subgrantees. If immediate performance is necessary to ensure public health and safety, the State may immediately Grant with a third party.

3.9 Media Releases

News releases pertaining to the Grant or project to which it relates must not be made without prior written State approval, and then only in accordance with the explicit written instructions of the State.

4.0 Website Incorporation

The State is not bound by any content on Grantee's website unless expressly incorporated directly into this Grant.

4.1 Certification Regarding Debarment

The Grantee certifies, by signature to this Agreement, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this Agreement by any federal or State department or agency. If the Grantee is unable to certify to any portion of this statement, the Grantee shall attach an explanation to this Agreement.

4.2 Illegal Influence

The Grantee certifies, to the best of his or her knowledge and belief that:

- A. No federal appropriated funds have been paid nor will be paid, by or on behalf of the Grantee, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan or cooperative agreement.
- B. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this grant, the Grantee

shall complete and submit Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.

- C. The Grantee shall require that the language of this certification be included in the award documents for all grants or subcontracts and that all subrecipients shall certify and disclose accordingly.

The State has relied upon this certification as a material representation. Submission of this certification is a prerequisite for entering into this Agreement imposed by 31 USC § 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Grantee certifies, to the best of his or her knowledge and belief that no state funds have been paid nor will be paid, by or on behalf of the Grantee, to any person for influencing or attempting to influence an officer or employee of any State agency, a member of the Legislature, or an employee of a member of the Legislature in connection with the awarding of any state contract, the making of any state grant, the making of any state loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any state contract, grant, loan or cooperative agreement.

4.3 Governing Law

This Grant is governed, construed, and enforced in accordance with Michigan law, excluding choice-of-law principles, and all claims relating to or arising out of this Grant are governed by Michigan law, excluding choice-of-law principles. Any dispute arising from this Grant must be resolved in Michigan Court of Claims. Grantee consents to venue in Ingham County, and waives any objections, such as lack of personal jurisdiction or forum non conveniens. Grantee must appoint agents in Michigan to receive service of process.

4.4 Compliance with Laws

Grantee must comply with all federal, state and local laws, rules and regulations.

4.5 Disclosure of Litigation, or Other Proceeding

Grantee must notify the State within 14 calendar days of receiving notice of any litigation, investigation, arbitration, or other proceeding (collectively, “Proceeding”) involving Grantee, a subgrantee, or an officer or director of Grantee or subgrantee, that arises during the term of the Grant, including: (a) a criminal Proceeding; (b) a parole or probation Proceeding; (c) a Proceeding under the Sarbanes-Oxley Act; (d) a civil Proceeding involving: (1) a claim that might reasonably be expected to adversely affect Grantee’s viability or financial stability; or (2) a governmental or public entity’s claim or written allegation of fraud; or (e) a Proceeding involving any license that Grantee is required to possess in order to perform under this Grant.

4.6 Assignment

Grantee may not assign this Grant to any other party without the prior approval of the State. Upon notice to Grantee, the State, in its sole discretion, may assign in whole or in part, its rights or responsibilities under this Grant to any other party. If the State determines that a novation of the Grant to a third party is necessary, Grantee will agree to the novation, provide all necessary documentation and signatures, and continue to perform, with the third party, its obligations under the Grant.

4.7 Entire Grant and Modification

This Grant is the entire agreement and replaces all previous agreements between the parties for the Grant Activities. This Grant may not be amended except by signed agreement between the parties.

4.8 Grantee Relationship

Grantee assumes all rights, obligations and liabilities set forth in this Grant. Grantee, its employees, and agents will not be considered employees of the State. No partnership or joint venture relationship is created by virtue of this Grant. Grantee, and not the State, is responsible for the payment of wages, benefits and taxes of Grantee's employees and any subgrantees. Prior performance does not modify Grantee's status as an independent Grantee.

4.9 Dispute Resolution

The parties will endeavor to resolve any Grant dispute in accordance with this provision. The dispute will be referred to the parties' respective Grant Administrators or Program Managers. Such referral must include a description of the issues and all supporting documentation. The parties must submit the dispute to a senior executive if unable to resolve the dispute within 15 business days. The parties will continue performing while a dispute is being resolved, unless the dispute precludes performance. A dispute involving payment does not preclude performance.

Litigation to resolve the dispute will not be instituted until after the dispute has been elevated to the parties' senior executive and either concludes that resolution is unlikely, or fails to respond within 15 business days. The parties are not prohibited from instituting formal proceedings: (a) to avoid the expiration of statute of limitations period; (b) to preserve a superior position with respect to creditors; or (c) where a party makes a determination that a temporary restraining order or other injunctive relief is the only adequate remedy. This Section does not limit the State's right to terminate the Grant.

5.0 Severability

If any part of this Grant is held invalid or unenforceable, by any court of competent jurisdiction, that part will be deemed deleted from this Grant and the severed part will be

replaced by agreed upon language that achieves the same or similar objectives. The remaining Grant will continue in full force and effect.

5.1 Waiver

Failure to enforce any provision of this Grant will not constitute a waiver.

5.2 Signatories

The signatories warrant that they are empowered to enter into this Agreement and agree to be bound by it.

Andrew Brisbo, Executive Director
Marijuana Regulatory Agency
Department of Licensing and Regulatory Affairs
State of Michigan

Date

Anshu Varma, Division Director
Procurement & Administration Division
Bureau of Finance and Administrative Services
Department of Licensing and Regulatory Affairs
State of Michigan

Date

Stephen M. Lanier, Ph.D.
Professor of Pharmacology
Vice President for Research
Wayne State University

Date

GRANT NO. VMR202101

Rev. 1/27/2016

ATTACHMENT A: VMR BUDGET Lundahl Wayne State University							
Submission Date: August 20, 2021							
The numbers below are actual proposed budget amounts for the proposal.							
Line Item	Budget Category						
1	Administrative Expenses						
2	Administrative Personnel (Grant Administration Staff)	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	TOTAL
3	Salary						
4	Jennifer Ballard-Traynor, Admin Director	\$14,250	\$14,535	\$14,826	\$15,122	\$15,425	\$74,158
5	Cordell Crutchfield, Grant/Contract Admin	\$2,934	\$2,993	\$3,053	\$3,114	\$3,176	\$15,269
6	Sonya Blair, Program Specialist	\$3,224	\$3,288	\$3,354	\$3,421	\$3,490	\$16,778
7	Caroline Zajac-Benitez, Research Assistant	\$2,881	\$2,939	\$2,997	\$3,057	\$3,118	\$14,993
8	Total Salary	\$23,289	\$23,755	\$24,230	\$24,714	\$25,209	\$121,197
9	Fringe Benefits						
10	Jennifer Ballard-Traynor, Admin Director	\$4,104	\$4,186	\$4,270	\$4,355	\$4,442	\$21,357
11	Cordell Crutchfield, Grant/Contract Admin	\$845	\$862	\$879	\$897	\$915	\$4,398
12	Sonya Blair, Program Specialist	\$929	\$947	\$966	\$985	\$1,005	\$4,832
13	Caroline Zajac-Benitez, Research Assistant	\$899	\$917	\$935	\$954	\$973	\$4,678
14	Total Fringe Benefits	\$6,776	\$6,912	\$7,050	\$7,191	\$7,335	\$35,264
15	Total Administrative Personnel	\$30,065	\$30,667	\$31,280	\$31,905	\$32,544	\$156,461
16	Administrative Supplies, Materials, Equipment						
17	Does not apply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Total Administrative Supplies, Materials & Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	Administrative Contractual Services						
20	Does not apply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	Total Administrative Contractual Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Administrative Travel						
23	Does not apply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Total Administrative Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Total Administrative Expenses	\$30,065	\$30,667	\$31,280	\$31,905	\$32,544	\$156,461
26	VMR Program Expenses						
27	VMR Program Staff						
28	Salary						
29	Leslie Lundahl, Ph.D., Lead Principal Investigator	\$106,483	\$109,677	\$112,968	\$116,357	\$119,848	\$565,333
30	Seth Norrholm, Ph.D., Co-Principal Investigator	\$56,700	\$58,401	\$60,153	\$61,958	\$63,816	\$301,028
31	David Ledgerwood, Ph.D., Co-Investigator	\$76,082	\$78,364	\$80,715	\$83,137	\$85,631	\$403,930
32	Mark Greenwald, Ph.D., Co-Investigator	\$34,294	\$35,323	\$36,383	\$37,474	\$38,598	\$182,072
33	Tanja Jovanovic, Ph.D., Co-investigator	\$71,441	\$73,584	\$75,792	\$78,066	\$80,407	\$379,290
34	Hilary Marusak, Ph.D., Co-Investigator	\$9,365	\$9,646	\$9,935	\$10,233	\$10,540	\$49,720
35	Manuel Tancer, M.D., Co-Investigator	\$5,478	\$5,642	\$5,812	\$5,986	\$6,166	\$29,083
36	Nicholas Mischel, M.D., Ph.D., Co-Investigator	\$20,250	\$20,858	\$21,483	\$22,128	\$22,792	\$107,510
37	Samiran Ghosh, Ph.D., Biostatistician	\$9,250	\$9,528	\$9,813	\$10,108	\$10,411	\$49,110
38	Total Salary	\$389,343	\$401,023	\$413,054	\$425,446	\$438,209	\$2,067,075
39	Fringe Benefits						
40	Leslie Lundahl, Ph.D., Lead Principal Investigator	\$27,260	\$28,078	\$28,920	\$29,788	\$30,681	\$144,727
41	Seth Norrholm, Ph.D., Co-Principal Investigator	\$14,515	\$14,951	\$15,399	\$15,861	\$16,337	\$77,063
42	David Ledgerwood, Ph.D., Co-Investigator	\$19,477	\$20,061	\$20,663	\$21,283	\$21,922	\$103,406
43	Mark Greenwald, Ph.D., Co-Investigator	\$9,877	\$10,173	\$10,478	\$10,793	\$11,116	\$52,437

44	Tanja Jovanovic, Ph.D., Co-investigator	\$18,289	\$18,838	\$19,403	\$19,985	\$20,584	\$97,098
45	Hilary Marusak, Ph.D., Co-Investigator	\$2,397	\$2,469	\$2,543	\$2,620	\$2,698	\$12,728
46	Manuel Tancer, M.D., Co-Investigator	\$1,402	\$1,444	\$1,488	\$1,532	\$1,578	\$7,445
47	Nicholas Mischel, M.D., Ph.D., Co-Investigator	\$5,184	\$5,340	\$5,500	\$5,665	\$5,835	\$27,523
48	Samiran Ghosh, Ph.D., Biostatistician	\$2,368	\$2,439	\$2,512	\$2,588	\$2,665	\$12,572
49	Total Fringe Benefits	\$100,770	\$103,793	\$106,906	\$110,114	\$113,417	\$534,999
50	Total VMR Program Staff	\$490,113	\$504,816	\$519,960	\$535,559	\$551,626	\$2,602,074
51	VMR Personnel Program Staff						
52	<i>Salary</i>						
53	TBD, Clinical Trials Coordinator	\$50,000	\$51,000	\$52,020	\$53,060	\$54,122	\$260,202
54	Klevis Karavidha, Professional Research Assistant	\$35,000	\$35,700	\$36,414	\$37,142	\$37,885	\$182,141
55	Anju Thomas, Professional Research Assistant	\$23,400	\$23,868	\$24,345	\$24,832	\$25,329	\$121,775
56	TBD, Professional Research Assistant	\$35,000	\$35,700	\$36,414	\$37,142	\$37,885	\$182,141
57	Ciara Cannoy, Clinical Diagnostic assistant	\$11,440	\$11,440	\$11,440	\$13,520	\$13,520	\$61,360
58	Shay Excel, Clinical Diagnostic assistant	\$11,440	\$11,440	\$11,440	\$13,520	\$13,520	\$61,360
59	Nana Ama Baffoe, Biostatistician	\$4,430	\$4,563	\$4,700	\$4,841	\$4,986	\$23,519
60	Total Salary	\$170,710	\$173,711	\$176,773	\$184,058	\$187,247	\$892,499
61	<i>Fringe Benefits</i>						
62	TBD, Clinical Trails Coordinator	\$15,600	\$15,912	\$16,230	\$16,555	\$16,886	\$81,183
63	Klevis Karavidha, Professional Research Assistant	\$10,920	\$11,248	\$11,585	\$11,933	\$12,291	\$57,976
64	Anju Thomas, Professional Research Assistant	\$7,301	\$7,520	\$7,745	\$7,978	\$8,217	\$38,761
65	TBD, Professional Research Assistant	\$10,920	\$11,248	\$11,585	\$11,933	\$12,291	\$57,976
66	Ciara Cannoy, Clinical Diagnostic assistant	\$2,929	\$3,017	\$3,107	\$3,201	\$3,297	\$15,550
67	Shay Excel, Clinical Diagnostic assistant	\$2,929	\$3,017	\$3,107	\$3,201	\$3,297	\$15,550
68	Nana Ama Baffoe, Biostatistician	\$1,382	\$1,410	\$1,438	\$1,467	\$1,496	\$7,193
69	Total Fringe Benefits	\$51,981	\$53,371	\$54,798	\$56,266	\$57,773	\$274,189
70	Total VMR Personnel Program Staff	\$222,691	\$227,081	\$231,572	\$240,324	\$245,020	\$1,166,688
71	VMR Supplies, Materials, & Equipment						
72	<i>Equipment</i>						
73	3 Lab Desks; 3 Laptops: Coordinator, PLV R	\$8,000	\$ -	\$ -	\$4,000	\$ -	\$12,000
74	4 Tablets for data collection in PLV	\$1,600	\$ -	\$1,600	\$ -	\$ -	\$3,200
75	2 laptops for BIOPAC MP160 system	\$2,400	\$ -	\$ -	\$ -	\$ -	\$2,400
76	Vitals Monitor	\$875	\$ -	\$ -	\$ -	\$ -	\$875
77	Portable Vitals Monitor for PLV	\$1,350	\$ -	\$1,350	\$ -	\$ -	\$2,700
78	Oculus VR Head Mounted Display	\$2,000	\$ -	\$ -	\$ -	\$ -	\$2,000
79	VR Costs	\$4,480	\$4,480	\$4,480	\$4,480	\$4,480	\$22,400
80	2 Pharmacology Lab Vans	\$120,000	\$ -	\$ -	\$ -	\$ -	\$120,000
81	2 Drug Safes for PLV	\$800	\$ -	\$ -	\$ -	\$ -	\$800
82	2 Freezers for PLV	\$1,900	\$ -	\$ -	\$ -	\$ -	\$1,900
83	Biopac MP160 Nomadix System	\$9,404	\$ -	\$ -	\$ -	\$ -	\$9,404
84	<i>Recruitment and Screening Expenses</i>	\$54,133	\$54,668	\$55,218	\$55,785	\$15,515	\$235,319
85	<i>Study Session Supplies and Costs</i>	\$230,522	\$225,802	\$226,850	\$226,713	\$227,788	\$1,137,676
86	<i>Mobile Pharmacology Lab Vab Costs</i>	\$20,257	\$20,257	\$20,257	\$20,257	\$20,257	\$101,285
87	<i>Biological Sample Collection and Analyses</i>	\$152,947	\$151,347	\$152,947	\$152,147	\$151,347	\$760,735
88	<i>Publishing Supplies and Costs</i>	\$7,000	\$8,210	\$9,626	\$9,849	\$10,079	\$44,764
89	Total VMR Supplies, Materials, Equipment	\$464,859	\$460,284	\$464,899	\$464,752	\$424,986	\$2,457,458
90	VMR Contractual Services						
91	Does not apply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
92	Total VMR Contractual Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
93	VMR Travel (VMR Staff)						
94	Does not apply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

95	<i>Total VMR Travel (VMR Staff)</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
96	VMR Other						
97	Does not apply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
98	<i>Total VMR Other</i>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
99	Total VMR Program Expenses	\$1,177,663	\$1,192,181	\$1,216,431	\$1,240,635	\$1,221,632	\$6,226,220
100	Total Direct Cost	\$1,207,728	\$1,222,848	\$1,247,711	\$1,272,540	\$1,254,176	\$6,382,682
101	<i>Indirect Cost (0.10)</i>	\$120,773	\$122,285	\$124,771	\$127,254	\$125,418	\$638,268
102	TOTAL PROJECT COST	\$1,328,501	\$1,345,133	\$1,372,482	\$1,399,794	\$1,379,594	\$7,020,950

Compressed Budget VMR - Wayne State University

Budget Category	Original
<i>Administrative Expenses</i>	
Administrative Personnel	\$156,461
Administrative Supplies, Materials, and Equipment	\$0
Administrative Contractual Services	\$0
Administrative Travel (Grant Administration Staff)	\$0
Administrative Expenses TOTAL	\$156,461
<i>VMR Program Expenses</i>	
VMR Program Staff	\$2,602,074
VMR Personnel Program Staff	\$1,166,688
VMR Supplies, Materials, & Equipment	\$2,457,459
VMR Contractual Services	\$0
VMR Travel (VMR Staff)	\$0
VMR Other	\$0
VMR Program Expenses TOTAL	\$6,226,221
Total Direct Cost	\$6,382,682
<i>Indirect Cost (0.10)</i>	\$638,268
TOTAL PROJECT COST	\$7,020,950

DEPARTMENT OF TECHNOLOGY, MANAGEMENT & BUDGET, VEHICLE AND TRAVEL SERVICES SCHEDULE OF TRAVEL RATES FOR CLASSIFIED AND UNCLASSIFIED EMPLOYEES Effective October 1, 2020

MICHIGAN SELECT CITIES *

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	\$85.00	\$85.00
Breakfast	\$10.25	\$13.25
Lunch	\$10.25	\$13.25
Dinner	\$24.25	\$27.25

MICHIGAN IN-STATE ALL OTHER

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	\$85.00	\$85.00
Breakfast	\$ 8.50	\$11.50
Lunch	\$ 8.50	\$11.50
Dinner	\$19.00	\$22.00
Per Diem	\$87.00	
Lodging	\$51.00	
Breakfast	\$ 8.50	
Lunch	\$ 8.50	
Dinner	\$19.00	

OUT-OF-STATE SELECT CITIES *

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	Contact Conlin Travel	Contact Conlin Travel
Breakfast	\$13.00	\$16.00
Lunch	\$13.00	\$16.00
Dinner	\$25.25	\$28.25

OUT-OF-STATE ALL OTHER

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	Contact Conlin Travel	Contact Conlin Travel
Breakfast	\$10.25	\$13.25
Lunch	\$10.25	\$13.25
Dinner	\$23.50	\$26.50
Per Diem	\$95.00	
Lodging	\$51.00	
Breakfast	\$10.25	
Lunch	\$10.25	
Dinner	\$23.50	

Incidental Costs Per Day (with overnight stay) \$5.00

Mileage Rates

Premium Rate	\$0.575 per mile
Standard Rate	\$0.360 per mile

* See Select Cities Listing

** Lodging available at State rate, or call Conlin Travel at 877-654-2179 or www.somtravel.com

SELECT HIGH COST CITY LIST

TRAVEL RATE REIMBURSEMENT FOR CLASSIFIED AND UNCLASSIFIED EMPLOYEES

Effective October 1, 2020

Michigan Select Cities/Counties

<u>Cities</u>	<u>Counties</u>
Ann Arbor, Auburn Hills, Detroit, Grand Rapids, Holland, Leland, Mackinac Island, Petoskey, Pontiac, South Haven, Traverse City	All of Grand Traverse, Oakland and Wayne

Out of State Select Cities/Counties

<u>State</u>	<u>City/County</u>	<u>State</u>	<u>City/County</u>
Arizona	Phoenix, Scottsdale, Sedona	Maine	Bar Harbor, Kennebunk, Kittery, Rockport, Sanford
California	Los Angeles (Los Angeles, Orange, Mendocino & Ventura Counties, and Edwards AFB), Eureka, Arcata, Mckinleyville, Mammoth Lakes, Mill Valley, San Rafael, Novato, Monterey, Palm Springs, San Diego, San Francisco, Santa Barbara, Santa Monica, South Lake Tahoe, Truckee, Yosemite National Park	Maryland	Counties of Montgomery & Prince Georges, Baltimore City, Ocean City
		Massachusetts	Boston (Suffolk), Burlington, Cambridge, Woburn, Martha's Vineyard
		Minnesota	Duluth, Minneapolis/St. Paul (Hennepin and Ramsey Counties)
		Nevada	Las Vegas
		New Mexico	Santa Fe
Colorado	Aspen, Breckenridge, Grand Lake, Silverthorne, Steamboat Springs, Telluride, Vail	New York	Lake Placid, Manhattan (the borough of Manhattan, Brooklyn, Bronx, Queens and Staten Island), Riverhead, Ronkonkoma, Melville, Suffolk County, Tarrytown, White Plains, New Rochelle
Connecticut	Bridgeport, Danbury	Ohio	Cincinnati
District of Columbia	Washington DC (also the cities of Alexandria, Falls Church and Fairfax, and the counties of Arlington and Fairfax, in Virginia; and the counties of Montgomery and Prince George's in Maryland) (See also Maryland and Virginia)	Pennsylvania	Bucks County, Pittsburgh
Florida	Boca Raton, Delray Beach, Jupiter, Fort Lauderdale, Key West	Rhode Island	Bristol, Jamestown/Middletown/Newport (Newport County) Providence
Georgia	Jekyll Island, Brunswick	Texas	Austin, Dallas, Houston, L.B. Johnson Space Center
Idaho	Sun Valley, Ketchum	Utah	Park City (Summit County)
Illinois	Chicago (Cook and Lake counties)	Vermont	Manchester, Montpelier, Stowe (Lamoille County)
Kentucky	Kenton	Virginia	Alexandria, Falls Church, Fairfax
Louisiana	New Orleans	Washington	Port Angeles, Port Townsend, Seattle
		Wyoming	Jackson, Pinedale