



NATIONAL INSTITUTE OF MENTAL HEALTH

**Grant Number:** 1U01MH114087-01  
**FAIN:** U01MH114087

**Principal Investigator(s):**  
Brian Kenneth Ahmedani (contact), PHD  
GREGORY E. SIMON, MD

**Project Title:** An Evaluation of the National Zero Suicide Model Across Learning Healthcare Systems

Ms. Nancy J. Hay  
Administrative Director of Research  
Henry Ford Health System  
One Ford Place 2F  
Detroit, MI 482023450

**Award e-mailed to:** [nhay@hfhs.org](mailto:nhay@hfhs.org)

**Period Of Performance:**  
**Budget Period:** 08/03/2017 – 05/31/2018  
**Project Period:** 08/03/2017 – 05/31/2022

Dear Business Official:

The National Institutes of Health hereby awards a grant in the amount of \$1,010,688 (see "Award Calculation" in Section I and "Terms and Conditions" in Section III) to Henry Ford Health System 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 U01MH114087. 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,

Tamara A. Kees  
Grants Management Officer  
NATIONAL INSTITUTE OF MENTAL HEALTH

Additional information follows

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**SECTION I – AWARD DATA – 1U01MH114087-01****Award Calculation (U.S. Dollars)**

Salaries and Wages	\$92,915
Fringe Benefits	\$18,457
Personnel Costs (Subtotal)	\$111,372
Materials & Supplies	\$800
Travel	\$1,800
Other	\$600
Subawards/Consortium/Contractual Costs	\$763,830

Federal Direct Costs	\$878,402
Federal F&A Costs	\$132,286
Approved Budget	\$1,010,688
Total Amount of Federal Funds Obligated (Federal Share)	\$1,010,688
<b>TOTAL FEDERAL AWARD AMOUNT</b>	<b>\$1,010,688</b>

**AMOUNT OF THIS ACTION (FEDERAL SHARE)** \$1,010,688

SUMMARY TOTALS FOR ALL YEARS		
YR	THIS AWARD	CUMULATIVE TOTALS
1	\$1,010,688	\$1,010,688
2	\$910,881	\$910,881
3	\$901,807	\$901,807
4	\$885,751	\$885,751
5	\$1,240,709	\$1,240,709

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:** 1381357020A1  
**Document Number:** UMH114087A  
**PMS Account Type:** P (Subaccount)  
**Fiscal Year:** 2017

IC	CAN	2017	2018	2019	2020	2021
MH	8022567	\$1,010,688	\$910,881	\$901,807	\$885,751	\$1,240,709

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

**NIH Administrative Data:**

**PCC:** 85-TPSP / **OC:** 414L / **Released:** KEEST 07/28/2017  
**Award Processed:** 08/03/2017 12:06:45 AM

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**SECTION II – PAYMENT/HOTLINE INFORMATION – 1U01MH114087-01**

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

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**SECTION III – TERMS AND CONDITIONS – 1U01MH114087-01**

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:

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

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) U01MH114087. 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/>.

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

**AWARD NOTICE - COOPERATIVE AGREEMENT TERMS & CONDITIONS:**

This award has been made in response to the application submitted under the Funding Opportunity Announcement RFA/PA: [MH16-800](#) 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 [list Section]. Copy of these Terms and Conditions may be accessed at the following internet address: <https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-16-800.html>.

**INITIAL BUDGET PERIOD:**

Although the budget period end date for this award is **5/31/2018**, this award includes funds for 12-months of support. Subsequent budget periods will begin on **6/1**, and will be 12-months in duration. Allowable pre-award costs may be charged to this award in accordance with the conditions outlined in the NIH Grants Policy Statement (November 2016) <http://grants.nih.gov/grants/policy/nihgps/index.htm> and in accordance with the recipient organization's requirements for prior approval.

**CONSORTIUM / CONTRACTUAL COSTS:**

This award includes funds for consortium activity with Kaiser Foundation Research Institute; Group Health Cooperative; Kaiser Foundation Hospitals; Kaiser Foundation Hospitals-Colorado; CHR NW; Education Development Center, Inc.. Each consortium is to be established and administered in accordance with the NIH Grants Policy Statement, (November 2016) <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.

**NIH PROJECT SCIENTIST:**

The Project Scientist for this award is **Dr. Michael Schoenbaum** ([Schoenbaumm@mail.nih.gov](mailto:Schoenbaumm@mail.nih.gov); 301-435-8760)

**YEARLY MILESTONES:**

**Year 01:** Obtain Institution Review Board approval for each of the 6 study sites to commence the proposed analyses. Determine from health delivery system leaders, the selection of specific Zero Suicide (ZS) strategies in each health system. Work with the research teams and other stakeholders at each site to collaborate in development of denominators, metrics and reporting systems comprehensive EHR and insurance claims data to evaluate intervention fidelity and suicide behavior outcomes for ZS approaches. Deliver a description of the denominators, metrics, and available fidelity information to NIMH by quarter 4.

**Year 02:** At each site, optimize fidelity to determine the degree to which systems are implementing each proposed intervention as planned. Determine outcome metrics to measure each unique intervention implemented. Apply these metrics to longitudinal EHR data to evaluate fidelity to the unique ZS approaches implemented at each site. Report to NIMH on the status of fidelity of ZS practices and outcomes to NIMH by the end of quarter 2. Develop metrics manuscript. As appropriate, share the development of translational EHR tools with NIMH, and other users (other health care systems; EHR vendors; etc).

**Year 03:** Begin analyses with suicide attempt and mortality outcomes associated with each unique intervention, and bundle of interventions, implemented at each site. By the end of quarter 2 provide NIMH an update on initial analyses. As appropriate, share with NIMH the development of translational EHR tools and with users as appropriate (other health care systems; EHR vendors; etc).

**Year 04:** Measure suicide attempt and mortality outcomes associated with each unique intervention, and bundle of interventions, *across* all sites. Conduct analyses of Zero Suicide effort effectiveness within and across health care systems. By the end of quarter 1, provide NIMH a report on preliminary findings of cross site analyses. Develop fidelity manuscript. As appropriate, share with NIMH updates on the development of translational EHR tools, as well as with users as appropriate (other health care systems; EHR vendors; etc).

**Year 05:** Complete outcomes analyses and provide NIMH preliminary findings by the end of quarter 2. Develop outcomes manuscript. Work with commercial EHR vendors as appropriate to provide effective Zero Suicide ‘modules’ with built in fidelity checks. Beyond the 6 study systems, provide NIMH a summary of re-usable EHR tools for implementation and evaluation that can be replicated at other health systems, through the Zero Suicide website and Academy.

**NIMH may consider withholding future support and/or negotiating an orderly phase-out of this study if yearly milestones are not met.**

**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:** Jackie Chia  
**Email:** Jackie.Chia@nih.gov **Phone:** 301-443-1341 **Fax:** 301-480-1956

**Program Official:** Jane L. Pearson  
**Email:** jpearson@mail.nih.gov **Phone:** 301-443-3598 **Fax:** 301-443-4045

**SPREADSHEET SUMMARY**

**GRANT NUMBER:** 1U01MH114087-01

**INSTITUTION:** Henry Ford Health System

Budget	Year 1	Year 2	Year 3	Year 4	Year 5
Salaries and Wages	\$92,915	\$92,915	\$92,915	\$87,993	\$83,686
Fringe Benefits	\$18,457	\$18,457	\$18,457	\$17,079	\$15,873
Personnel Costs (Subtotal)	\$111,372	\$111,372	\$111,372	\$105,072	\$99,559
Materials & Supplies	\$800	\$800	\$800	\$720	\$325
Travel	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800
Other	\$600	\$600	\$600	\$600	\$600
Subawards/Consortium/Contractual Costs	\$763,830	\$738,450	\$729,376	\$722,922	\$1,086,772
TOTAL FEDERAL DC	\$878,402	\$853,022	\$843,948	\$831,114	\$1,189,056
TOTAL FEDERAL F&A	\$132,286	\$57,859	\$57,859	\$54,637	\$51,653
TOTAL COST	\$1,010,688	\$910,881	\$901,807	\$885,751	\$1,240,709

Facilities and Administrative Costs	Year 1	Year 2	Year 3	Year 4	Year 5
F&A Cost Rate 1	49.5%	50.5%	50.5%	50.5%	50.5%
F&A Cost Base 1	\$132,286	\$114,572	\$114,572	\$108,192	\$102,284
F&A Costs 1	\$65,482	\$57,859	\$57,859	\$54,637	\$51,653
F&A Cost Rate 2	50.5%				
F&A Cost Base 2	\$132,286				
F&A Costs 2	\$66,804				