

Cooperative Agreement No.: N66001-14-2-4032
P.R. No.: 1300418366-0002
Effective Date: Date signed by Government
CFDA No.: 12.910
AGO Code: N62880
Payment Office Code: HQ0337

COOPERATIVE AGREEMENT
MODIFICATION # P00003

Grantor: Space and Naval Warfare Systems Center, Pacific
Code 22530
53560 Hull Street
San Diego, CA 92152-5001
(Attn: Veronica Cardoso, (619) 553-7734, veronica.cardoso@navy.mil)

Recipient: The Trustees of the University of Pennsylvania
3451 Walnut Street
Philadelphia, PA 19104-6205

Recipient Identification Numbers/Codes:

DUNS: 042250712
CAGE: 7G665
TIN: 23-1352685

Authority: 10 U.S.C. 2358 as amended and 31 U.S.C. 6304

Accounting and Appropriation Data:

ACRN: AC 97 15160400 1320 BQ61TT 2015 BT 01 CORE A DARPA 255
HR0011513626 02 000 20602115E00 012199
MIPR # HR0011513626 \$1,359,242.49

PURPOSE: This modification increases the total cooperative agreement value; incorporates revised Statement of Work (SOW) to realign non-human/human use component values; and adds an increment of funding. As a result, the following changes are made to the Agreement document:

1. Total Agreement Amount is revised:

FROM:
\$22,502,111
Base (Phase 1): \$13,409,197
Option (Phase 2): \$9,011,914

TO:

\$22,736,543

Base (Phase 1): \$13,724,629

Option (Phase 2): \$9,011,914

2. Non-Human/Human Subject Research (Non-HSR/HSR) Component Breakdown is revised:

FROM:

Base: Non-HSR: \$7,375,950.57

HSR: \$6,114,246.43

Option: Non-HSR: \$3,697,662.43

HSR: \$5,314,251.57

TO:

Base: Non-HSR: \$7,771,391.49

HSR: \$5,718,805.51

Option: Non-HSR: \$3,697,662.43

HSR: \$5,314,251.57

3. Schedule item 1. Purpose: now reads:

The purpose of this Cooperative Agreement is to fund research in support of a DARPA sponsored program. This effort shall be carried out generally as set forth in the Government's Statement of Work Revision 1, Attachment 1, dated 16 December 2014, which has been based on the Recipient's proposal, "Memory Enhancement with Modeling, Electrophysiology, and Stimulation (MEMES)", and Data Matrix, Attachment 2, copies of which are in the possession of both parties.

4. Schedule item 8. Cooperative Agreement Funding: now reads:

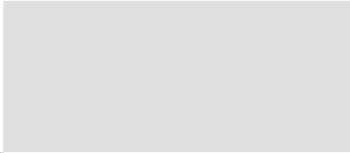
The Base Period of this Cooperative Agreement is incrementally funded in the amount of \$7,771,391.49. The Government's obligation to make payments to the Recipient is limited to only those funds obligated by this Cooperative Agreement or by modification to this Cooperative Agreement. Subject to availability of funds and continued satisfactory progress on the Cooperative Agreement as determined by the Government, the Government may agree to provide additional funding. The unfunded balance of \$5,718,805.51 is for the human research components and will be funded upon acceptance of the certifications from the Institutional Review Board (IRB).

The Recipient shall notify the AGO in writing promptly whenever the total Agreement amount is expected to exceed the needs of the Recipient for the project period by more than \$5,000 or 5% of the award, whichever is greater. This

notification shall not be required if an application for additional funding is submitted for a continuation award.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

FOR RECIPIENT:



Signature

Date: 2015.02.04 14:58:19
-05'00'

 Associate Director 2/4/2015

Name/Title

Date

FOR The United States of America,
Space and Naval Warfare Systems



(b)(6)

2015.02.04 13:23:32 -08'00'

LYNN M. BIEDERMANN Date
Grants Officer