PROPOSAL

It is proposed to continue research on problems

critical to a clarification of the fundamental aspects of the

stimulus-response relationship in biological systems. Studies

will be conducted utilizing chronic animal preparations with

permanent septal electrodes. Investigations will be conducted

utilising chronic electrode preparations coupled with selected

classical types of conditioning. Studies will be conducted on

the geography of the brain in selected species of animals to

determine the locus in which stimulations will produce specific

reactions.

A careful literature survey, especially of the Russian literature, of foreign research in this area will be conducted.

Project: MKULTRA, Subproject 106

Date Initiated: January 1961

Date Expires: January 1962

Funds-current year: \$12,000.00

Purpose: To provide consulting service and Slavic language literature review of various foreign biological and psychological areas

technology related to BW.

Status: The project is in its second year and is continuing to produce adequately.

MOICE CHECK LIST 1.06 MOMENTA Subgrojest Amount of Time Extended - Alletment Date of Original Ferion. Obligation Bumbar' Cornred Authorization Allotsont Amount of Tine Extended Period. Additional Obligation inmber' Covered or Authorisations 125-1390380

Invoice Hunbar	Nato	Anount	palanee
#1	127 les 60	21,855.0	
auth #2	- Commercial	THE RESIDENCE TO A SECURITION OF THE PARTY.	12, 450.00
ment the Lower warmen	23 Feb 61	12,480	
auth 3	51 May 62	2000:	2 3000
BOATOMAN MONTH OF THE PROPERTY		AND MANUAL AND ADDRESS OF THE PARTY OF THE P	NOT ARREST AND ARREST AREA OF THE PERSON AND ARREST AREA OF THE PERSON AND ARREST AREA OF THE PERSON AND AREA OF THE PERSON AREA OF THE PERSON AND AREA OF THE P
CHARLEST NATIONAL STREET, STATE OF	-	THE RESIDENCE OF THE PROPERTY OF THE PARTY O	Canada to the second of the second se
MANAGEMENT CHANGE STATE	THE PERSON NAMED IN COLUMN TWO	CHAPTER STATE OF THE PERSONS ASSESSED.	
ALMAN ARTHUR MATERIA STATE ARTHUR ARTH		PORT OF THE PROPERTY OF THE PR	ery entropy and an army are announced and
REPARTS:	No. of Street,	NAME AND ADDRESS OF THE PARTY O	THE RESIDENCE OF A PRINTING PROPERTY OF THE PR
	1		CONTRACTOR CONTRACTOR OF THE PROPERTY OF THE P



27 January 1960

 	FOR.	CHIEF.	PINANCE	DIVISION

VIA

: TSS/Budget Officer

SUBJECT

: MKULTRA, Subproject 106, Invoice #1 Allotment 0525-1009-4902

Invoice No. 1 covering the above subproject is attached.
 Payment should be made as follows:

Cashler's check in the amount of \$841.00 payable to drawn

Cashler's check in the amount of \$21, 014, 00 payable to Bask.

- 2. Please forward the checks to Chief, TSS/Chemical Division through TSS/Budget Officer by 10 February 1960.
- This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.



Attachments: Invoice & Certifications

Distribution:

Orig & 2 - Addressee

1 - TSS/FASB

2 - TSS/CD



- Chill

106 3

INVOICE

For Services \$21,855.00

B

CERTIFICATIONS

(i) It is hereby certified that this is Iavoice \$1 applying to Subproject 106 of MKULTRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is filed in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSS/Chemical Division

Date:

(2) It is hereby certified that this invoice applies to Subproject 106 under MKULTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated in April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Tabas :--

PROPOSED BUDGET

Salary (Chief Investigator)		\$11,500	
Technical Services	0	2,000	
Materials and Supplies		3,000	
Travel		2,500	
Overhead (10,6%)		2,014	
	TOTAL	\$21,014	

February 6, 1963.

Response Relationships in Biological Systems
Statement of Funds Received and Expended
January 1, 1961 to December 31, 1961

Grant Received Expenditures: \$12,000.00

 Principal Investigator
 \$9,000.00

 Laboratory supplies and expense
 58.43

 Conference travel
 727.18

 Consultants
 800.00

 Overhead Burden
 1,414.39

Total Expenditures
Unexpended Funds, December 31, 1961

12,000.00

c

I have examined and approved the submitted expenditures.

Chief

TSD/Biological Branch



Response Relationships in Biological Systems Statement of Sunds Received and Expended Pebruary 15, 1960 to Pebruary 16, 1961

Grant Becetved:

\$21,014.00

Expenditures:

\$ 9,000.00 Principal Investigator 975.00 Laboratory Technician 325.00 Secretary

10,500.00

Consumeable Supplie: 1,600.00 Experimental Anicals 570.00 Disposal Cages Feel for Animals 800,00 Lacoratory Supplies

3.345.00

Travel:

Conference Travel 215,00 Moving Expense, Principal Investigator 2,375.00

2.590.00

Coasultanta:

2,500.00

Overhess Burden

2,079.00

Total Expenditures:

\$21,014.00

Unexpended funds, Pebruary 16, 1961 I have commissed and approved the Stratters exper !--

375.00

... Il miral Division

April 13, 1961



margaret margaret

Gentlemen:

Think you very such for the renewal of your great in the amount of twelve thousand dollars (\$12,000.00) to run from January 1, 1961 for a period of twelve (12) months.

Herewith enclosed is our recepitulation of the funds received and the expenditures under the previous great. We are sending you the original and one copy but will be happy to forward more copies if you so desire.

Very truly yours,



Carried C

Enclosures/2



21 May 1962

MEMORANDUM FOR: THE RECORD

SUBJECT

: MKULTRA, Subproject No. 106

1. It is proposed to continue research under MKULTRA subproject No. 106 on studies of biological systems with particular reference to quantifying the relationship between a stimulus and the biological-response to that stimulus. Problems arising from the difference in excitability and behavioral response among members of an animal population will be analyzed. By means of animal preparations particularly suitable for demonstrating specific functions, evaluations will be made of biological generalizations arising from the use of one species of animal as an experimental variable. A critical review will be maintained of selected foreign literature especially that on the neurophysiological mechanism of conditioning and related behavioral research.

2. Because of the very low level of effort on which this program is to be continued during the next year, reimbursements will be made directly to Mr. the chief investigator, on the basis of his invoices for professional services rendered at the times that these



occur. No interveneing cutouts will be required as were used in the previous program.

- Funds required for this program for one year amount to
 \$3,000.00. Charges should be made against Allotment No. 2125-1390-3902.
- It is not anticipated that any permanent equipment will be needed for this program.
- The requirement for a semiannual informal accounting has been waived.
- All personnel connected with the planning and monitoring of this program possess Agency Top Secret approval.



APPROVED FOR OBLIGATION OF FUNDS:

11.	The state of the s
14.	
Chief.	Technical Services Division

Date: 231967



No: 2142

Cost Account 2125-1390-3902

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
S MAX	NULTRA, Subproject 106	3000.00		3000.00
			-	
			*	
				-
		a 0		
	Commence of the Commence of th			
			-	
			77 -	
				ļ
		-	-	-

(When Filled In)

Date: 11 Nov 1968

	+ 1 5 %	A		4-2-2-2			A mm
٨	t File	1OR	ANDU	M FOR:	THE	COWEJ	ROLLER

ATTENTION

Finance Division

SUBJECT

MRULTRA, Subproject Me. 104

Under the authority granted in the memorandum dated 13 April 1953
from the DCI to the DD/A, and the extension of this authority in subsequent
memorands, Subproject 196 has been approved, and 181,000.00
of the over-all Project MKULTRA funds have been obligated to cover the
subproject's exposses and should be charged to cost center 288-1990-1902.

Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

Chief, Technical Services Division

Distribution

Original & 2 - Addressee

1 - TSD/FASS

- TSD/RB

23 February 1961

MEMORANDUM FOR: CHIEF, PINANCE DIVISION

TSD/Bulget Officer

SUBJECT

MINITA, Subproject 106, Invoice #2 Allotment 1125-1390-3902

Invoice No. 2 covering the above subproject is attached. Payment should be made as follows:

Cashier's check in the amount of \$480.00 payable

Cashier's check in the amount of \$12,000.00 payable

2. Please forward the checks to Chief, TSD/Research Braich through TSD/Budget Officer by 9 March 1961.

1. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be elosed.

> dillo. TSD/Research Branch

Attachments: Incice & Certifications

Distributions Orig & 2 - Addresses CHECK#2-02236 RECEIVE ... 5 MAR

IN THE AMBUNY OF EAR

W - TSD/FASS 2 - TSD/RB

A BUNT OF SHE

SECRET (When Filled In)

19/10/10/10/10/10/10/10/10/10/10/10/10/10/	VOUCHER NO. 7-12	ľ			DATE 2-	-		-71		VOUCHER NO. 7-12	0. 7-12		
SUBSTATE SECONDAY 13.17 (12.17 COLOR) 13.17 (1	DESCRIPTION-ALL C	THER ACCOL	UMTS 13-33				47-52 OBL 16.	53 54-57		COST	68-70 0UE DATE	71-1	2 1
1/4/15/16/16/16/16/16/16/16/16/16/16/16/16/16/	DESCRIPTION ADVANCE ACCOUNTS	.3.27	, v v		300 k		APPARTS.	CA LEDGER YR ACCT. NO		62-67 CA. BO. X REF. BO.	00,100	11830	T10383
While the state of	SUBPROT. 10	7.7.7		-	11:88	2	1627	601.0	15-1380	3902	252	1245600	
17/1/12 AND	MKILTAA	::51		- 1	. <u></u>			-1100		280	- 4		4.80.00
A CONTRACT OF CONT	WY TON			# T		_	118	-1100		817			12,000
19/1/10 TOTAL TOTAL OF THE PROPERTY OF CHILD'S FOR THE STREET OF CHILD						1	Ť			14 - 10-			
ALCOHOL STATE STATE STATE OF CHITTEE FOR DANKERT OF CHILDING OF CH		‡::: 		1	ļ	_		(C)					
19/4/C TOTAL STATE OF THE STATE						-			-				
17/1/8 June 12						8 /r			5- 0 K	<u>1</u>			
TOTAL STATE OF THE						34.	2547	100 100 100 100 100 100 100 100 100 100			-	1,67	
17/h/E 11000 10 PANNE 00 SELLED AN COMMENT OF STATE OF					_				04.70%	15	220	17	: : :
17/h/E 11000 10 JANAG 40 SELLIADO ANO SELI				19-31		100			320,00	-1	2		
TOTAL STATE OF THE		22		100					10法(- 1061			
TOTAL STATE OF DETERMINE OF DESTRUCTION OF DESTRETAND OF STATE STATE OF STA									2	1.1.1	\overline{a}		
17/4/ Technic or South 1966	EXPLANATION OF ENT				19.75. T	المند			1	1	TALS	1248000	124800
TATAL TATALOG V TO STATE TO STATE THE STATE OF THE STATE				B	1	13	Though	1		10	ipot	1 1 1 1 1 1 1 1	\$ 100 miles
DATE NEGATION TO SELECT ONTE NEGATION TO SHEET STATES OF THE SHEET					142						100	1 102	T.
SIGN IN THE PARTY OF THE PROJECT OF THE PARTY OF THE PART					24, 21 3	- 47		100 m	7	. 368	n o	10 mg/m	
3/4/61 Conte	DATE	REPARED 87	1	DATE		REV 15W	A8 03	1		CERTIFIE	D FOR P	AYMENT OR CRED	17
	3/4/41					ř.				STEMATOR	E OF CER	TIFFING OFFICER	10.



23 February 1961

MEMORA HEDUM	POR:	CHIEF.	PINARCE	DIAISION

WTA

TSD/Budget Officer

SHATECT

MCULTRA, Subproject 106, Invoice #2 Allotment 1125-1390-3902

1. Invoice No. 2 covering the above subproject is attached.
Payment should be made as follows:

Cashier's shock in the arount of \$100.00 payable

on a Bonk.

Cashier's check in the amount of \$12,000.00 payable to a bid.

2. Please forward the checks to Chief, TED/Research Branch through TED/Budget Officer by 9 March 1961.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.



Attachments: Incide & Certifications

Distribution: Orig & 2 - Addressee

MEMORANDUM FOR: THE COMPTROLLER

ATTENTION

Finance Division

SUBJECT

MKULTRA, Subproject No. 104

Under the authority granted in the memorandum dated 13 April 1953
from the DCI to the DD/A and the extension of this authority in subsequent memoranda, Subproject 108 has been approved, and 81,009.08
of the over-all Project MKULTRA funds have been obligated to cover the subproject's expanses and should be charged to cost center 1115-1100-1102

Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

:	. 188					77.
Chi		 Lan	Serv	4004	The	alan

.....

Distribution: Original & 2 - Addresses

1 - TED/FASS

2 - TSD/RB



15 March 1961



Gentlement

We are pleased to be able to transmit to you the following funds:

Cashier's Check so. Strawn on the for \$480.00, daved

drawn on the or \$12,000.00; dated 15 March 1961.

These funds represent a contribution for the use of your directors in carrying out the very worthwhile research goals of your organization.

Yours truly

Ercl. (2)

TO: TSS/OC

This is an invoice against previously obligated funds.

- 1. Date of Obligation:
- 2. Purpose of Project: Studies of

Neurophysiological Mechanisms

Progress to Date:

4. Expiration Date: One Year

5. Project Monitor: Dr.

FROM: TSS/CD



14 February 1961

MEMORANDUM FOR: THE RECORD

SUBJECT

: MKULTRA, Subproject No. 106

1. It is proposed to continue research under MKULTRA subproject No. 106 on studies of biological systems with particular reference to quantifying the relationship between a stimulus and the biological-response to that stimulus. Problems arising from the difference in excitability and behavioral response among members of an animal population will be analyzed. By means of animal preparations particularly suitable for demonstrating specific functions, evaluations will be made of biological generalizations arising from the use of one species of animal as an experimental variable. A critical review will be maintained of selected foreign literature especially that on the neurophysiological mechanism of conditioning and related behavioral research.

as cut out and cover for this subproject. The necessary research will be conducted by who will submit to the summary accounting of funds at the conclusion of the program. Any unused funds remaining at the conclusion of the program will be returned to the

3. Funds required for this program for one year amount to \$12,000.00 To this sum must be added \$480.00 representing \$7,000 a four per cent service charge to the Backing the total amount \$12,480.001 Charges should be made against Allotment No. 1125-1390-3902.

4. It is not anticipated that any permanent equipment will be needed for this program. It has been agreed that documentation and accounting for travel expenses which are reimbursable by shall conform to the accepted practice of that organization.

- The requirement for a semiannual informal accounting has been waived.
- All personnel connected with the planning and monitoring of this program possess Agency Top Secret approval.
 - 7. The project will be unclassified after it leaves the



APPROVED FOR OBLI- APPROVED: GATION OF FUNDS:

Research Director Chief_ TSD/Research Branch

Attachment:

Attachment:
Proposed Budget
Distribution:
Original Only



PROPOSED BUDGET

SALARY:	
Chief Investigator	\$10,000.00
TRAVEL	_1,000,00
INSURANCE; HOSPITALIZATION; SOCIAL SECURITY	300.00
ADMINISTRATIVE EXPENSES	700,00
TOTAL	\$12,000.00



Cost Account _//25-/3/1- 390/

Object Class ____

Date		Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
8 MAR.	mketta	Set 105 auth.	12/18.00	3	12,450.00
		1			

14 February 1961

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 106

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda, Subproject 106 has been approved and \$12,480.00 of the over-all MKULTAA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 1125-1190-3902.



1621

APPROVED FO	R OBLIGATION
OF FUNDS:	

- Allendar La

Research Director

Date:____

Distribution:

Orig. & 2 - Addresses

1 - TSD/OC U- TSD/FASS

SDICE MAN HALL HALL HALL



23 Pebruary 1961

MEMORANDUM FOR: CHIEF, PINANCE DIVISION

AIV

1 TSD/Buiget Officer

1 MCULTRA, Subproject 106, Invoice #2

SUBJECT Allotment 1125-1390-3902

1. Invoice No. 2 covering the above subproject is attached. Payment should be made as follows:

Cashier's obeck in the amount of \$480.00 payable

ok in the amount of \$12,000.00 payable drewn on

2. Please forward the checks to Chief, ToD/Research Branch through ToD/Budget Officer by 9 Parch 1961.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be elosed.

TSD/Research Branch

Attachments: Incice & Certifications

Distributions Orig & 2 - Addressee

> 1 - TSD/FASS 2 - TSD/RB

4:		4.	5		Sec.	V.		4 5	10.15	4, 17		1	1.15	15	1.		3.5		3. 17	550	1.	1		30			27	34	100	23
	3			.5		9				3	4.	1	20	4 8	No		03	330	1	No.				1			25.5	4.4		12
10	Po		133	vic	05	40	2.2		11.6	1.8		18	31	1	100		1		100	20	1.33			2,1	w	W			4	1.
	1		4.0					20		234	-	1											Šà.	1.15		20	100			4
H.			274		4	34	1	10-				200	30.84	1/2	1.	10												HE		м
	-		1	-	- 1	22		-		14				14			7				-		-		N. Val		a mai	200		· ma
		1.8	100	0.0	2.3	3	100	0. 3	Cir	-13	1	1		10	36	2		734	11			31	24.5		200	1	4. 1		1.5	
3	-	43.		10	S.C.		121	1	1	1	6.1		1		1	0.1	A 10	193		1	100		. 9	10	1	3.	2000			č
33	180	15%		14	18	100	2.	4.1	15	Y 1	1	1	19	N.F	733	TC	3.2	2.3	8.	1	12 -12	V23	12	200		3		100	7.4	1.7

(1) It is hereby certified that this is favoice 2 styling to sub-project \$60.105 of bloody, that perference is estimated by that certices are being accomplished in accordance with natural agreements, that a detailed agenda of the paraents and receives is on file in YED/RE, that this bill is just and correct and that payment thereof has not yet been sade.

Chief, 630/Passearch Breuch

Date: 23 February 1961

(2) It is hereby cordified that this invoice afailes to SubFroject 106 or lethern's trick was duly approved, and that this project is being carried out in secretizes with the homography of 13 April 1953 from the 501 to the 15/A, and the extraction of this authority in subsequent necessation of this authority in subsequent necessation.

Research Director

February	

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subpreject 106

Under the authority granted in the memorandum dated

13 April 1953 from the DCI to the DD/A, and the extension of
this authority in subsequent memoranda, Subproject 106 has
been approved and \$12,480.00 of the over-all MKULTRA project funds has been obligated to cover the subproject expenses.

This obligation of funds should be charged to Allotment 11251190-3902.



APPROVED FOR OBLIGATION OF FUNDS:

Research Director

Distribution:

Orig. & 2 - Addresses

1 - TSD/OC

1 - TSD/FASS

Ten/cp (114 P.L 141)

Cost Account 0525 - 1009 - 4902

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
21 1970	Sutterization Let 106	21.855.00		21,855.00
28 1488	Set 116 Sent 1		21,850.00	
	The Art All All And Book (Art All And Art All And Art	1 0		-
	1			
			(m) to the company of	
			[[0]	
			-	
		11,11		



29 December 1959

MEMORANDUM FOR: COMPTROLLER

ATTENTION

: Finance Division

SUBJECT

1 MKULTRA, Subproject 106

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent momorands, Subproject 106 has been approved and \$21,855.00 of the over-all MKULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Alletment 0525-1009-4902.

TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

Research Director

Date: 20/50

Ciatribution: Orig & 2 - Addressee

1 - TSS/OC

TSS/FASB

(29Dec'59) TSS/CD#

1.10 (OUCHER NO. 7-12		نعمد	0ATE 2-6			-		VOUCHER P	10. 7-12		
1.13 (1.16) (1.1	DESCRIPTION-ALL OTH	ER ACCOUNTS 13-33			-				R COST NO.	00E DATE	71- AMOL	90
218 218 22 CELLY 18 ACT C.	DESCRIPTION-		FR07 . 80.		538	ACCT. NO.	CA LEDGE YR ACCT.		62.67 cn. no. x ner. no.	OBJECT CLASS		C# ED 1.7
TOTAL STANDARD AND AND AND AND AND AND AND AND AND AN	100			380 8		8.44.3			4903	170	21,85500	
27 1100 AN DESIGNATION OF THE STATE OF THE S	300		1			-	-					841.60
27 1100 AN DESIGNATION OF THE PROPERTY OF THE	**************************************									1		1
2) 1100 100 100 100 100 100 100 100 100 1	<u>.</u>		·									
27 2100 An DATA AND DATA				 					_			a.į
27 2100 AN DESIGNATION OF THE PROPERTY OF THE				 								-0
27 2100 AN DESIGNATION OF THE PROPERTY OF THE							-					
2) 110 A DATIAN 1 110 A DATA				ļ								
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2												gre-
2 120 100 100 100 100 100 100 100 100 10				ļ	-							
A DATE OF THE PARTY OF THE PART							1000		1,			
A DATE OF THE PARTY OF THE PART					L							
The property of the property o	EXPLANATION OF ENTRY			No.			_		2	TALS	10	
A DIVID A GUARANT NA CONTRACTOR AS CONTRACTO		1	1	0			_		AND S		>- Fr	201
THE PRESENCE OF THE PROPERTY O	1		1	-								
PREFARED BY OATE LABORED BY OATE				-								uliza.
		PARED BV	OATE		REVIEWE	2		OATE	SIGNATUR	F OF	PAYMENT OR CRE	100

8L 90T



27 January 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA

: TSS/Budget Officer

SUBJECT

: MKULTRA, Subproject 106, Invoice #1
Allotment 0525-1099-4902

Lavoice No. 1 covering the above subproject is attached.
 Payr. A should be made as follows:

Cashler's check in the amount of \$841,00 payable to drawn on a Bauk.

Cashler's check in the amount of \$21, 014.00 payable to drawn on bank,

- 2. Please forward the checks to Chief, TSS/Chemical Division through TSS/Budget Officer by 10 February 1960.
- 3. This is a final invoice. However, eince it is anticipated that additional funds will be obligated for this project, the files should not be closed.

Chief
TSS/Chemical Division

Altachmente:

Lavoice & Certifications

Distribution:

Orig & 2 - Addressee

2 - TSS/FASB

HECK HINOT I

IT OF BEFORE

28 1860

CHECK SHAP

2/4/600

2/4/14

Parpose of Project: Studies of Neurophysiological Mechanisms Progress to Date: Expiration Date: Project Monitor: Project Monitor: Expiration Date: ROM: TSS/CD Loom B=10. Ext. 8612		
Parpose of Project: Neurophysiological Mechanisms Progress to Date: Expiration Date: Project Monitor: Dr.	Date of Obligation:	-
Progress to Date: Expiration Date: One year Project Monitor: Dr.	Studies of	
Progress to Date: Expiration Date: One year Project Monitor: Dr.	Purpose of Project:	COM
Progress to Date: Expiration Date: One year Project Monitor: Dr.	Neurophysiological Mechanisms	
Expiration Date: One year Project Monitor: Dr.		-
Expiration Date: One year Project Monitor: Dr.	the construction of the contract of the contra	
Expiration Date: One year Project Monitor: Dr.		
Expiration Date: One year Project Monitor: Dr.	The state of the s	_
Expiration Date: One year Project Monitor: Dr.		
Expiration Date: One year Project Monitor: Dr.	CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE	_
Expiration Date: One year Project Monitor: Dr.	Progress to Date:	_
Project Monitor: Dr.		
Project Monitor: Dr.	· · · · · · · · · · · · · · · · · · ·	CONT.
Project Monitor: Dr.	0.4.4027	
Project Monitor: Dr.	Expiration Date:	-
ROM: TSS/CD	COLUMN TO A STATE OF THE PERSON ASSESSMENT OF	-/
ROM: TSS/CD	Project Monitor: Dr.	f.
	novi meeten	
com B=10, Ext. 8612	ROM: 1557CD -	
com B=10, Ext. 6012	·	1 2
	com B=10, Ext. 60	

February 5, 1960



Gentlemen:

We are pleased to be able to transmit to you the following funds:

Tressurer's Check drawn on the for \$841.00, dated 2 Feb. 1960.

Treasurer's Check drawn on the for \$21701.00, dated 2 Feb. 1960.

These funds represent a contribution for the use of your directors in carrying out the very worthwhile research goals of your organisation.

Yours truly,

Encl.

Checks (2)



29 December 1959

MUGHAROMAN	FOR	COMPTROLLER
------------	-----	-------------

ATTENTION

: Finance Division

SUBJECT

i MKULTRA, Subproject 106

Under the authority granted in the memorandum dated

13 April 1953 from the DCI to the DD/A, and the extension of
this authority in subsequent memorands. Subproject 106 has
been approved and \$21,835.00 of the over-all MKULTRA project
foods has been obligated to cover the subproject expenses. This
obligation of foods should be charged to Allotment 0525-1609-4902.

11

Chief TSS/Chamical Division

APPROVED FOR OBLIGATION OF FUNDS:

Research Director

Date:

Distribution: Orig & 2 - Addresses

1 - TSS/OC

1 - TSS/FASB 2 - TSS/CD

2010D ######120Dec15

S/CD/ (29Dec'59)

DRAFT 29 December 1959

MEMORANDUM FOR: THE RECORD

SUBJECT

: MKULTRA, Subproject 106

1. The purpose of MKULTRA subproject 106 is to undertake studies on biological systems with particular reference to quantifying the relationship between a stimulus and the biological response to that stimulus. The lack of a general understanding and adequate methodology for handling this relationship in a realistic fashion is one of the major roadblocks to rapid technical progress in the fields of assessment and control of behavior at the present time. It is planned to utilize an interdisciplinary approach in this research with emphasis on the side of the physical sciences. Several advanced mathematical techniques and physical models have been suggested as fruitful research areas not presently being exploited. Problems arising from the difference in excitability and behavioral response among members of an animal population will be analyzed. An attempt will be made to elucidate relationships between lower animals and man by comparing physiological, biochemical, and behavioral characteristics. By means of animal preparations particularly suitable for demonstrating specific functions evaluations will be made of biological

generalizations arising from the use of one kind of animal as an experimental variable. A critical review will be made of selected foreign literature especially that on the neurophysiological mechanism of conditioning and related behavioral research. Particular reference will be made to the recent shift on the part of the Russians from the strict "Pavlovian" view to a more realistic approach to the problem.

- 2. The will function as cut out and cover for this subproject. The necessary research will be conducted by who will submit to the a summary accounting of funds at the conclusion of the program. Any unused funds remaining at the conclusion of the program will be returned to the
- 3. Funds required for this program for one year amount to \$21,014.00. To this sum must be added \$841.00 representing a four per cent service charge to the making the total amount \$21,855.00. Charges should be made against Allotment No. 0525-1009-4902.
- 4. It is not anticipated that any permanent equipment will be needed for this program. It has been agreed that documentation and accounting for travel expenses which are reimbursable by





It is proposed to mount the initial phases of a program aimed at an eventual clarification of the fundamental aspects of the problem of stimulus - response relationship in biological systems. The present theoretical models and concepts in this area are not only inadequate but also represent roadblocks to further progress in the evaluation and control of biological systems, including man. (See work such as Leves 3. Science, 130, pg 692, 1959) The development of practical tools for this work in the form of chronic animal preparations with permanent septal electrodes has lately opened the door to effective research in this area.

Initially the work will consist of a careful literature survey, especially of the Russian literature, coupled with various classical types of conditioning experiments using the chronic electrical preparations available from snimal guidance programs. Later, the results of these experiments will be pooled with those involving standard drug effects on the same proparations to design critical experiments aimed at providing new abstract models for these phenomena.

It is planned that during the first year one investigation can complete the literature work and with a minimum of help carry out the initial animal studies required for the design of several definitive experiments to be carried out during the second year. The form of these experiments cannot presently be visualized because of the inadequacies of present knowledge.