

91-1

EXPENDITURE LIST

MOBILE Subproject #91

Name of Original Appropriation	Period Covered	Time Extended To	Amount Budget	Amount of Obligation
159a-59	59a-	109a-1960	9,35028.90	34,320.00

Name of Original Appropriation	Period Covered	Time Extended To	Amount Budget	Amount of Obligation
#2 (1960)	16 Apr. 59 - 15 Sept. 60	15 Sept. 60	20,800.00	20,800.00
#3	1 Feb. 60 - 1 Feb. 61	1 Feb. 61	46,800.00	46,800.00
#4	Jan. 61 - 30 June 61	30 June 61	24,960.00	24,960.00

Name of Original Appropriation	Period Covered	Time Extended To	Amount Budget	Amount of Obligation
#1	36 Jan. 59	36 Jan. 59	2,320.00	2,320.00
#2	16 Sept. 59	16 Sept. 59	20,800.00	20,800.00
#2	23 Sept. 59	23 Sept. 59	20,800.00	20,800.00
#3	1 Mar. 60	1 Mar. 60	46,800.00	46,800.00
#4	1 Mar. 60	1 Mar. 60	24,960.00	24,960.00
#11	27 Mar. 60	27 Mar. 60	24,960.00	24,960.00
(with #5)	26 June 61	26 June 61	24,960.00	24,960.00

[REDACTED]
[REDACTED]

This is continuation of MKULTRA
sub-project #91.

1. PURPOSE of Project:

Advanced animal screening and
preclinical pharmacological
testing.

2. Project Monitor:

Name [REDACTED]
[REDACTED] G

Project MULLERA, Subproject 91

Date Initiated: 15 January 1959

Date Expires: 1 February 1962

Funds-current year: \$48,000

Purpose: To provide an advanced animal screening and pre-clinical pharmacological testing of toxics and drugs affecting human behavior with special reference to drug effects and molecular structure relationships and avoidance of undesirable effects.

Status: A continuing program of ad hoc screening and testing utilizing protocols provided by and closely monitored by TSD.

91-4

11 June 1964

MEMORANDUM FOR : THE RECORD

SUBJECT : MULTRA Subprojects 70, 91, 94 and 135

Since the completion of the audit of Project MULTRA for the period 1 August 1960 through 31 January 1963, accountings have been received from [redacted] in the amount of \$93,677.50. This amount is part of the \$155,117.93 balance to be accounted for by [redacted] grantees at the end of the audit period. B B

Subproject 70 incurred direct costs of \$2,518.34 and \$27,872.16 transferred from Subproject 94, for a total of \$30,390.50. Subproject 94 incurred expenses of \$71,324.87, but transferred \$4,165.71 to Subproject 91 and \$27,872.16 to Subproject 70, leaving a net cost of \$39,287.00. It was decided to divert the funds for Subproject 135 to Subproject 91, therefore these costs were included in the accounting from Subproject 91.

Inasmuch as: 1) all four of the subprojects had the same basic research goal in mind, 2) the great length of time that has elapsed since the grants were made, and 3) the difficulty in getting accountings of any sort from the grantees, it is recommended that we facilitate this matter by accounting for the balances as shown in [redacted] account for these subprojects. A A G

The above has been concurred in by [redacted] and [redacted] of the Audit Staff.

A [redacted]
Chief Scientist, TSD

91-4

		SUB 70 520W	SUB 91 500W	SUB 94 510W	SUB 135
GRANT INCOME		3039050	4800000	3928700	2400000
TRF FM 135 TO 91		-	2400000	-	- 2400000
TOTAL GRANT INCOME		3039050	7200000	3928700	-
DIRECT COSTS		251834	68773.71	7182487	
COSTS TRF FM 94 TO 91			416571	- 416571	
COSTS TRF FM 94 TO 70		2787216		2787216	
NET COSTS		3039050	7293942	3928700	
BAL TO ACCT FOR		- 0 -	- 0 -	- 0 -	- 0 -
		1			

91-4

Per conversation w/

A

A

26 MAY 1964

O.K. to turn in acctgs on Sub Projects 70, 94 and 135 as done. Inasmuch as it is so long after the fact, and the difficulty in getting acctgs of any sort, we can use the acctgs as rec'd. Cross-reference the switching among the projects. ^B Anyway, A was involved in all three. A + B of Audit Staff are aware of these problems & concur. If possible have someone in authority sign memo for record explaining reasons for doing such.

91-5

A
Conversation w/ [REDACTED] 24 MAR 1964

C
[REDACTED] retains all the books & records of defunct [REDACTED] B He has submitted preliminary acctgs for Sub 70-4, 91-5, 91-6. Once he is able to thoroughly analyze all the books & records he will turn in complete, finalized accountings for these projects. These three projects all had the same goal, which was the drug. That's why they felt justified in shifting the money around. A [REDACTED] feels it probably would have been better if only one, rather than four (13) projects was written & authorized. A [REDACTED] + C
A [REDACTED], Audit Staff, are dealing directly w/ [REDACTED] + are aware of our problems in getting satisfactory acctgs for these projects. Audit feels [REDACTED] C is "good" for these acctgs which they are also waiting for. Therefore, with the above knowledge, we'll hold these "prelim" acctgs, until [REDACTED] C has prepared the "finals," which should be ready in the very near future.

A [REDACTED]

91-6

[REDACTED] B
 [REDACTED] B
Pharmacological Screening and Testing
December 1, 1961 to July 31, 1962

<u>Grants</u>		
February 1, 1961 to January 31, 1962	\$43,000.00	
Less, previously reported	<u>40,000.00</u>	\$3,000.00
February 1, 1962 to July 31, 1962		<u>24,000.00</u>
<u>Total</u>		<u>\$32,000.00</u>

Accounted for, as follows:

Salaries	\$28,131.14
Payroll Taxes	1,400.08
Employee Benefits	355.68
Laboratory Supplies and Expense	3,541.48
Travel	569.61
Other Direct Costs	2,569.17
Indirect Costs	<u>36,372.26</u>
Total Costs	72,939.42
Less, Previously reported	<u>39,894.36</u>
<u>Total Accounted For</u>	<u>\$33,045.06</u>

I certify that services or materials have been satisfactorily received and the expenditures were incurred on official business.

A [REDACTED] B
 [REDACTED] C
 Date: 5/17/64
 [REDACTED] C
 President

916 21
135

B B B

PHARMACOLOGICAL SCREENING AND TESTING

February 1, 1961 To November 30, 1961

Grant Income:

February 1, 1961 to January 31, 1962	\$ 48,000.00
Less, Deferred Income	<u>8,000.00</u>
	40,000.00

Costs - February 1, 1961 To November 30, 1961

Salaries	\$ 18,570.83
Payroll Taxes and Insurance	899.48
Employees' Hospitalization and Benefits Ins.	355.68
Laboratory Supplies and Expense	2,532.91
Travel	426.61
Other Costs	<u>2,569.71</u>
	25,354.68

Allocation of G and A Expenses	<u>10,373.97</u>	<u>35,728.65</u>
		4,271.35

Transfer of Costs from Project 510 W (94)	<u>4,165.71</u>
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Excess of Income	<u>\$ 105.64</u>
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B

C

Treasurer

A

3/12/64

91-7

[REDACTED]

B

[REDACTED]

[REDACTED]

February 20, 1963

[REDACTED]

A

Dear

[REDACTED] H

B

Enclosed herewith you will find Statement of Accounts from [REDACTED] and [REDACTED]

[REDACTED]

B

B

Very truly yours,

[REDACTED]

C


[REDACTED]

encs.

C

 B
Gentlemen:

Herewith is a statement of the funds expended in behalf of the project on pharmacological screening and testing. We trust that it will be adequate for your purposes.

 C

PHARMACOLOGICAL SCREENING AND TESTING

February 1, 1961 To January 31, 1962

Grant Income

\$ 48,000.00

37
37,000
- 5 34,000
36

Costs - Feb. 1, 1961 To Jan. 31, 1962

Salaries	\$ 23,489.27	
Payroll Taxes and Insurance	1,027.36	
Employees' Hospitalization and Benefits Ins.	416.19	
Laboratory Supplies and Expense	3,999.17	
Travel	1,506.12	
Other Costs	3,847.60	
	\$ 34,285.71	
Allocation of G and A Expense	13,714.29	48,000.00

C 2
7/29/65

I have examined and approved the submitted expenditures

A

TSS/Chemical Division

Date: 2/26/63

91-9

DRAFT
31 May 1962

MEMORANDUM FOR: THE RECORD

SUBJECT

Project MKULTRA, Subproject No. 135,
Change of Facility in which Work is Performed

1. The original purpose of this subproject was to evaluate a number of candidate chemical agents in facilities and under the direction of individuals who, if later developed, became unavailable for this purpose due to unforeseen circumstances.

2. In the meantime, the funds for this subproject were transferred to the subject in anticipation of the commencement of the work.

3. In view of the security difficulties involved in the actual return of funds from the cutoff and also since another subproject (#91) was being served by the same cutoff, and furthermore, since subproject #91 was capable of providing its services on these chemical agents of interest and during the same fiscal year, it has been decided to divert the work intended for subproject #135 to the facilities of subproject #91. No significant change in funding or variation in fiscal year is concerned in this matter.

34,570
998

CMR
TSD/Research Branch

A

CONCUR:

Technical Services Division

Distribution:
Original only

91-10


10 November 1961


MEMORANDUM FOR: THE RECORD

SUBJECT : Correction to Project MKULTRA, Subproject 91,
Authorization No. 5, dated 27 June 1961.

1. The referenced subproject was extended in June for only six months when the intention was to extend for one year in time, but to finance the first six months only at the time of renewal.

2. In order to clear up this matter, Subproject 91 is hereby extended in time only for six months beginning 1 February 1962.

 A
Chief
TSD/Research Branch



91-12

DATE: 27 June 1961

MEMORANDUM FOR: CONTROLLER

ATTENTION : Finance Division

SUBJECT : MCULTRA, Subproject 91, Authorization No. #5

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 91 was previously approved. Under the same authority an additional sum of \$24,260.00 has been authorized to cover the subproject's expenses, to be charged against cost center No. 2125-1300-3902.

A ~~_____~~
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

I CERTIFY THAT FUNDS ARE AVAILABLE

QUANTIFICATION REFERENCE NO. 186

GRANTEE TO ALLOCATION NO. 2125-1300-3902

AUTHORIZING OFFICER

Research ~~_____~~
A

Date: _____

Distribution:

Original & 2 - Addressee

1 - TSD/PASS

2 - TSD/RB

TSD/RB ~~_____~~ 27 June 1961
A

91-13

4 August 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA

: TSD/Budget Officer

SUBJECT

: MKULTRA, Subproject 91, Invoice #5
Allotment 2125-1390-3902

1. Invoice #5 covering the above subproject is attached.
Payment should be made as follows:

B Cashier's check in the amount of \$24,000.00 payable
to [REDACTED] drawn on [REDACTED]

B Cashier's check in the amount of \$960.00 payable to
[REDACTED] drawn on [REDACTED]

2. Please forward the checks to Chief, TSD/Research
Branch through TSD/Budget Officer by 21 August 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:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee

Chief
TSD/Research Branch

CHECKED BY [REDACTED] ACCOUNT OF [REDACTED]
RECEIVED [REDACTED]

DISBURSEMENT UNIT OF [REDACTED]
RECEIVED [REDACTED] \$168

16 Aug 1961

91-13

4 August 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer
SUBJECT : MKULTRA, Subproject 91, Invoice #5
Allotment 2125-1390-3902

1. Invoice #5 covering the above subproject is attached.
Payment should be made as follows:

Cashier's check in the amount of \$24,000.00 payable
B [redacted] drawn on

Cashier's check in the amount of \$960.00 payable to
B [redacted] drawn on

2. Please forward the checks to Chief, TSD/Research
Branch through TSD/Budget Officer by 21 August 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.

A [redacted]
Chief
TSD/Research Branch

Attachments:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee
1 - TSD/FASS
2 - TSD/RB

TSD/RB (4 August 1961)
A [redacted]

3 AUG 1961
I CERTIFY THAT FUNDS ARE AVAILABLE
OBLIGATION REFERENCE NO. 170
CHARGE TO ALLIANCE NO. 2125-619-516

AUTHORIZING OFFICER

17 August 1961

B

Gentlemen:

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

E Treasurer's Check No. 184885, dated August 15, 1961, drawn on the [REDACTED] for \$24,000.00.

E Treasurer's Check No. 268751, dated August 15, 1961, drawn on the [REDACTED] for \$960.00.

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

Yours truly,

Attachments (2)

91-14

INVOICE

For Services

~~\$24,960.00~~

B

CERTIFICATIONS

(1) It is hereby certified that this is Invoice 5 applying to Sub-project No. 91 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 on file in TSD/RB, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSD/Research Branch

Date: _____

(2) It is hereby certified that this invoice applies to Subproject 91 of MKULTRA which was duly approved, and that the project is being carried out in accordance with the memorandum of 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date: _____

~~_____~~

CONFIDENTIAL FUNDS POSTING VOUCHER

VOUCHER NO. 7-12		DATE 2-6		VOUCHER NO. 7-12		
DESCRIPTION-ALL OTHER ACCOUNTS 13-33		34-39		50-67		
ADVANCE ACCOUNTS 13-27		STANDARD CODE		ALLOCATION COST		
DESCRIPTION		EXPEND CODE		DATE		
PROJECT NO.		EXP. NO.		CLASS		
DEBIT		CREDIT		DEBIT		
Budgeting Int'l	55-24	196	6010	25-1340	2102	249600
TRK-GR-TRA		72	1100		348	
TRK-GR-TRA		108	1100		381	
				TOTALS		

10-483

91-15

27 June 1961

MEMORANDUM FOR: THE RECORD

SUBJECT : Continuation of Project MKULTRA, Subproject 91
Authorization #5

1. The purpose of this subproject is to provide funds to continue the research program which furnishes advanced animal screening and preclinical pharmacological testing required by the program on the development of new psychochemicals. The program is providing fundamental information bearing on the problem of structure activity relationships among these compounds.

2. The research group conducting the investigations are exerting their best efforts to provide the data requirements imposed on them. The experimental work being carried out under this project is oriented and programmed to meet our planned research and development needs. In order to bring the program into alignment with contemplated researches and possible modifications that may be dictated by anticipated results from the current research, this program will be extended for a six month period. *are you?*

3. The cost of this program for a period of six months beginning 1 August 1961 is estimated to be \$24,000.00. To this sum must be added \$960.00 representing a four per cent service charge to [REDACTED] who will act as cut out, so that the total cost of the project will not exceed \$24,960.00. Charges should be made against Allotment No. 2125-1390-3902.

91-15

-2-

B [redacted] has requested that
B [redacted] submit to them a summary accounting of funds
received from [redacted] and that they return any unused funds
remaining at the end of the grant period.

5. It is not anticipated that any permanent equipment will be
required for this program.

6. It has been agreed that documentation and accounting for travel
expenses which are reimbursable shall conform to the accepted practices
of the organization conducting the research.

7. The requirement for a semi-annual informal accounting on the part
of the principal investigator has been waived.

8. All personnel connected with the planning and monitoring of this
program possesses Agency TOP SECRET approval. The project will be
unclassified after it leaves the [redacted] **B**

A
[redacted]
A
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

A
[redacted]
Research Director

Date: 3 AUG 1961

Attachments:
Budget and proposal

Distribution:
Original only.

[redacted]

PROPOSAL

It is proposed to continue certain biological tests of a pharmacological nature as directed by the Sponsor of this project on chemical materials and extracts to be furnished by the Sponsor. These tests involve small animal studies and/or clinical work in certain cases as indicated in each particular instance. The sponsor will have full control of the methods and procedures to be followed in the work and it is understood that these will vary during the course of the project depending upon research findings in other facilities working in this same general biological program.

In addition, as time and funds allow, pilot experiments will be performed utilizing various known substances having effects on the central nervous system in an effort to refine and improve the present capability of detecting and characterizing such activity in small animals. Attention will also be given to the problem of extrapolation of results between various species of animals.

It is expected that the attached budget will be required to carry out the program outlined above for a period of six months.

91-15

BUDGET

Salaries	\$15,000
Overhead (25% of Salaries)	3,750
Travel	600
Services (Analytical, etc.)	1,400
Supplies and Materials	1,000
Animals	2,250
Total	\$24,000

~~XXXXXXXXXX~~ B

91-16

15 February 1961

B [REDACTED]
Gentlemen:

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

E Treasurer's Check No. 180282, dated 10 February 1961, drawn on [REDACTED] for \$960.00.

E Cashier's Check No. 2-021848, dated 10 February 1961, drawn on [REDACTED] for \$24,000.00.

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

Yours truly,

Enclosures (2)

91-18

DATE: 26 January 1961

MEMORANDUM FOR : COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MUEARA, Subproject 91, Authorization No. 4

Under the authority granted in the memorandum dated 13 April 1955, from the DCI to the DD/A and the extension of this authority in subsequent memoranda, Subproject 91 was previously approved. Under the same authority an additional sum of \$24,960.00 has been authorized to cover the subproject's expenses, to be charged against cost center No. 1185-1390-3902.

A [redacted]
Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

[redacted] A

Date: 1 JAN 1961

Distribution:
Orig. & 2 - Addressee
1 - TSD/PASS
2 - TSD/RB

1413

91-19

2 February 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : MKULTRA, Subproject 91, Invoice #4
Allotment 1125-1390-3902

1. Invoice #4 covering the above subproject is attached.
Payment should be made as follows:

Cashier's check in the amount of \$24,000.00 payable
to [REDACTED] drawn on [REDACTED]

Cashier's check in the amount of \$660.00 payable to
[REDACTED] drawn on [REDACTED]

2. Please forward the checks to Chief, TSD/Research Branch
through TSD/Budget Officer by 15 February 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.

[REDACTED] A
Chief
TSD/Research Branch

Attachments:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee

RECEIVED 2.2.61 THE AMOUNT OF \$24,000.00

RECEIVED 2.2.61

RECEIVED 2.2.61 THE AMOUNT OF \$660.00

RECEIVED 2.2.61

91-19

1525

The Service

224,960.00

8

CONCLUSIONS

11. It is to be certified that this is letter # _____ according to sub-section 101-101 of the Rules, and further that in accordance, the charges are being assessed in accordance with actual expenses, that a limited amount of the expenses are payable to the State in 1977, that this bill is just and proper and that payment thereof has not yet been made.

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whistler (1973).

2 February 1961

14. As a further reference that when Warren arrived at Baltimore, Maryland, with a family of seven, and that they arrived in a home located at 1300 North 13th Street, the number of 1300 North 13th Street was the only one of its kind in the area of Baltimore in a telephone directory.

[illegible]

CONFIDENTIAL FUNDS POSTING VOUCHER

VOUCHER NO. 7-12		DATE 2-6		VOUCHER NO. 7-12		VOUCHER NO. 7-12	
DESCRIPTION-ALL OTHER ACCOUNTS 13-23		34-35		56-57		58-59	
ADVANCE ACCOUNTS 13-27		STANDARD CODE		ALLOT. OR COST ACCT. NO.		DUE DATE	
P.O. NO.		P.O. NO.		CA. NO.		OBJECT	
PROJECT NO.		PROJECT NO.		X REF. NO.		CLAS.	
43		44		45		46	
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911		912		913		914	
915		916		917			

91-28
DRAFT

25 January 1961

MEMORANDUM FOR THE RECORD

SUBJECT: Project MKULTRA, Subproject 91

1. The purpose of this subproject is to provide funds to continue the research program which furnishes advanced animal screening and preclinical pharmacological testing required by the program on the development of new psychochemicals. The program is providing fundamental information bearing on the problem of structure activity relationships among these compounds.

2. The research group conducting the investigations are exerting their best efforts to provide the data requirements imposed on them. The experimental work being carried out under this project is oriented and programed to meet our planned research and development needs. In order to bring the program into alignment with contemplated researches and possible modifications that may be dictated by anticipated results from the current research, this program will be extended for a six month period.

3. The cost of this program for a period of six months beginning 1 February 1961 is estimated to be \$24,000.00. To this sum must be added \$960.00 representing a four per cent service charge to the [REDACTED] who will act as cut out, so that the total cost of the project will not exceed \$24,960.00. Charges should be made against Allotment No. 1125-1390-3902.

[REDACTED]

9120

4. [REDACTED] has requested
[REDACTED] submit to them a summary accounting of
funds received from [REDACTED] and that they return any unused
funds remaining at the end of the grant period.

5. It is not anticipated that any permanent equipment will be
required for this program.

6. It has been agreed that documentation and accounting for
travel expenses which are reimbursable shall conform to the accepted
practices of the organization conducting the research.

7. The requirement for a semi-annual informal accounting on the
part of the principal investigator has been waived.

8. All personnel connected with the planning and monitoring of
this program possesses Agency TOP SECRET approval. The project will
be unclassified after it leaves [REDACTED]

APPROVED FOR OBLIGATION OF FUNDS:

[REDACTED] A
Research Director

[REDACTED] A
Chief
TSD/Research Branch

Date _____

Attachments:
Budget and proposal

Distribution:
Original only.

[REDACTED]

PROPOSAL

It is proposed to continue certain biological tests of a pharmacological nature as directed by the Sponsor of this project on chemical materials and extracts to be furnished by the Sponsor. These tests involve small animal studies and/or clinical work in certain cases as indicated in each particular instance. The sponsor will have full control of the methods and procedures to be followed in the work and it is understood that these will vary during the course of the project depending upon research findings in other facilities working in this same general biological program.

In addition, as time and funds allow, pilot experiments will be performed utilizing various known substances having effects on the central nervous system in an effort to refine and improve the present capability of detecting and characterizing such activity in small animals. Attention will also be given to the problem of extrapolation of results between various species of animals.

It is expected that the attached budget will be required to carry out the program outlined above for a period of six months.

BUDGET

Salaries	\$15,000
Overhead (25% of Salaries)	3,750
Travel	600
Services (Analytical, etc.)	1,400
Supplies and Materials	1,000
Animals	2,250

Total	\$24,000
-------	----------

B ~~REDACTED~~

91-21 #91

#2

B [REDACTED]
Grant for [REDACTED] Screening and Testing

Amount of Grant ----- \$20,000.00

Expenditures

Salaries and wages	\$4605.50
Materials and Supplies	3943.00
Rent and Utilities	8349.22
Travel	573.30
Services	789.64
Social Sec. Ins. etc.	587.96
Overhead	1151.38
	<u>20,000.00</u>

20,000.00

Balance -----

C [REDACTED]
Accountant



A [REDACTED]

11/27/62

15 March 1960


Gentlemen:

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

E Treasurer's Check No. 248053 drawn on 


E Treasurer's Check No. 172861 drawn on 


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

Yours truly,

Enclosures (2)

91-24

11 February 1960

MEMORANDUM FOR: COMPTROLLER

ATTENTION : FINANCE DIVISION

SUBJECT : MKULTRA, Subproject 91, Additional
Authorization No. 3

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 91 has
been approved and \$46,800.00 of the over-all MKULTRA project
funds has been obligated to cover the subproject expenses. This
obligation of funds should be charged to Allotment 0525-1009-4902.

A [REDACTED]
Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

ENTRY THAT FUNDS ARE AVAILABLE
ORGANIZATION REFERENCE NO. 1231
DURING TO FISC. YEAR
ADMINISTRATIVE CENTER

[REDACTED] A
Research Director

Date: 1 FEB 60

Distribution:
Orig & 2 - Addressee

1 - TSS/OC
1 - TSS/FASB
2 - TSS/CD
TSS/CD (11 Feb 60)
A

MEMORANDUM RECEIPT

91.25

15 Mar 60
DATE

TO:

FROM:

SUBJECT:

I hereby acknowledge receipt of the following:

\$1,800.00

248053

B

A

Please return _____ signed copy(ies) of this receipt

SIGNATURE OF RECIPIENT

To

FORM NO. 752 REPLACES FORM 38-68
1 AUG 55 WHICH MAY BE USED.14 Mar 60
DATE RECEIVED

(33)

MEMORANDUM RECEIPT

15 Mar 60
DATE

TO:

FROM:

SUBJECT:

I hereby acknowledge receipt of the following:

\$15,000.00

172861

B

A

Please return _____ signed copy(ies) of this receipt

SIGNATURE OF RECIPIENT

To

FORM NO. 752 REPLACES FORM 38-68
1 AUG 55 WHICH MAY BE USED.14 Mar 60
DATE RECEIVED

(33)

91-26

1 March 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA

: TSD/Budget Officer

SUBJECT

: MKULTRA, Subproject 91, Invoice #3
Allotment 0525-1009-4902

1. Invoice #3 covering the above subproject is attached.
Payment should be made as follows:

B Cashier's check in the amount of \$1,800.00 payable
to [REDACTED] drawn
on [REDACTED]

B Cashier's check in the amount of \$45,000.00 payable
to [REDACTED] drawn on
[REDACTED]

2. Please forward the checks to Chief, TSD/Chemical
Branch through TSD/Budget Officer by 15 March 1960.

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.

A

[REDACTED]
Chief
TSD/Chemical Branch

Attachments:

Invoice & Certifications

Distribution:

Orig & 2 - Addressee

ED 100717
MAR 8 3 06 PM '60

RECEIVED

15/12

91-26

INVOICE

For Services

\$46,800.00

B

CERTIFICATIONS

(1) It is hereby certified that this is Invoice #3 applying to Subproject 91 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 TSD/CB, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSD/Chemical Branch

Date: _____

(2) It is hereby certified that this invoice applies to Subproject 91 under MKULTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date: _____

9c-1b.

FORM 10-59
606 USE PREVIOUS EDITIONS.

(10-49)

91-27

DRAFT
11 February 1960

MEMORANDUM FOR: THE RECORD

SUBJECT : Project MKULTRA, Subproject 91

1. The purpose of this subproject is to provide funds to continue the research program which furnishes advanced animal screening and preclinical pharmacological testing required by the program on the development of new psychochemicals. The program is providing fundamental information bearing on the problem of structure activity relationships among these compounds.

2. The state of knowledge in areas of influencing human behavior has been steadily improving and the experimental work being carried out under this project is meeting our programmed needs. The sponsor has obtained and assigned highly competent technical personnel and is exerting his best efforts to provide the data requirements imposed on him.

3. The cost of this program for a period of one year beginning 1 February 1960 is estimated to be \$45,000.00. To this sum must be added \$1,800.00 representing a four per cent service charge to [REDACTED]

[REDACTED] who will act as cut out, so that the total cost of the project will not exceed \$46,800.00. Charges should be made against Allotment No. 0525-1059-4902.

4. The [REDACTED] has requested that [REDACTED] submit to them a summary accounting of funds received [REDACTED]

B
from [redacted] and that they return any unused funds remaining at the end of the grant period.

5. It is not anticipated that any permanent equipment will be required for this program.

6. It has been agreed that documentation and accounting for travel expenses which are reimbursable shall conform to the accepted practices of the organization conducting the research.

7. The requirement for a semi-annual informal accounting on the part of the principal investigator has been waived.

8. All personnel connected with the planning and monitoring of this program possess Agency TOP SECRET approval. The project will be unclassified after it leaves the [redacted] *B*

A [redacted]
TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

A [redacted]
Research Director

APPROVED:

A [redacted]
Chief
TSS/Chemical Division

Date: 2/1/60

Attachments:
Budget and proposal

Distribution:
Original only

[redacted]

91-27

BUDGET

Salaries	\$28,800	15,000
Overhead (25% of Salaries)	7,200	3,750
Travel	1,200	600
Services (Analytical, etc.)	1,800	1,400
Supplies and Materials	4,200	
Animals	1,800	1000
Total	\$45,000	

A

91-28

December 31, 1959

B

Grant for : Pharmacological screening and testing

Funds received : 20,500.00

Expenditures :


Wages and salaries	10,907.60
Equipment	3,623.93
Supplies; expendables	1,303.41
Animals	1,783.84
Overhead	2,880.60
	<u>20,499.38</u>

#91 - 1

Total expenditures 20,499.38

Balance .62

 **C**
Accountant

 **A**
13 January 1960

91-29

30 September 1959

B

Gentlemen:

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

E Cashier's Check No. 180640 drawn on [REDACTED] for \$800.00

E Treasurer's Check No. 242234 drawn on [REDACTED] for \$20,000.00.

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

Yours truly,

Enclosures (2)

23 September 1959

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA, Subproject 91, Invoice #2
Allotment 0525-1009-4902

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

B Cashier's check in the amount of \$800.00 payable
to [REDACTED] drawn
on [REDACTED]

B Cashier's check in the amount of \$20,000.00 payable
to [REDACTED] drawn on
[REDACTED]

2. Please forward the checks to Chief, TSS/Chemical
Division through TSS/Budget Officer by 7 October 1959.

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.

[REDACTED] A
Chief
TSS/Chemical Division

Attachments:

Invoice & Certifications

CHECK # 2262 IN THE AMOUNT OF \$29,200⁰⁰
RECEIVED 30 SEP

Distribution:

Orig & 2 - Addressee

CHECK # 2262 IN THE AMOUNT OF \$29,200⁰⁰
RECEIVED 30 SEP

18203

91-31

INVOICE

For Services

\$20,800.00

CERTIFICATIONS

(1) It is hereby certified that this is Invoice #2 applying to Subproject 91 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 91 under MKULTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date: _____

CONFIDENTIAL FUNDS POSTING VOUCHER

VOUCHER NO. 7-12		DATE 2-6		VOUCHER NO. 7-12	
DESCRIPTION-ALL OTHER ACCOUNTS 13-33		34-39 STATION		40-41	
DESCRIPTION-ADVANCE ACCOUNTS 13-27		70-73		74-77	
P.O. NO.		P.O. NO.		P.O. NO.	
PROJECT NO.		PROJECT NO.		PROJECT NO.	
43		45-46		47-52	
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124		45-46		47-52	
125		45-46			

FORM 606 USE PREVIOUS EDITIONS.

(10-49)

4

9132

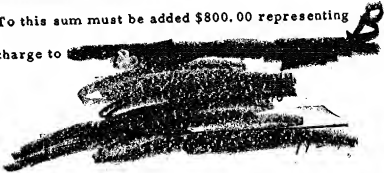
DRAFT
18 September 1959

MEMORANDUM FOR: THE RECORD

SUBJECT : Supplement to Project MKULTRA, Subproject 91

1. The purpose of this supplement is to provide additional funds to carry out an expanded animal screening of selected compounds directly related to the development of new chemicals which influence human behavior. The program provides fundamental information on structure-activity relationships among new psychochemicals. It will provide an insight into the activity of chemical compounds of possible value for operational applications. The studies are directed toward elucidating the relationship between this parameter and personality structure and mentation.

2. In order to keep abreast of new compounds which have been recently uncovered and synthesized, it becomes necessary to increase the advanced animal screening. It is expected that results obtained from the advanced screening will provide basic information required for research into the pharmacodynamics of new and more effective compounds. The additional funds required for this program for the year amount to \$20,000.00. To this sum must be added \$800.00 representing a four per cent service charge to



[redacted] who act as cut out, making the total amount \$20,800.00.
Charges should be made against Allotment No. 0525-1009-4902.

3. [redacted] has requested
that [redacted] submit to them a summary accounting of funds
received from [redacted] and that they return any unused funds
remaining at the conclusion of the program.

4. It is not anticipated that any permanent equipment will be
required for this program.

5. It has been agreed that documentation and accounting for
travel expenses which are reimbursable by [redacted] shall
conform to the accepted practice of that organization.

6. The requirement for a semi-annual informal accounting has
been waived.

7. All personnel connected with the planning and monitoring of
this program possess Agency TOP SECRET approval. The project will
be unclassified after it leaves [redacted]

TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

APPROVED:

[redacted] A
Research Director

[redacted] A
Chief

TSS/Chemical Division

Date: 9/2/59

Distribution:
Original only

by [redacted]

91-33


18 September 1959

MEMORANDUM FOR: COMPTROLLER

ATTENTION : FINANCE DIVISION

SUBJECT : MKULTRA, Subproject 91, *Additional*
Authorization No. 2

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 91 has been approved and \$20,800.00 of the over-all MKULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 6525-1009-4901.

 *A*
Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

Research Director

Date:

Distributions:

Orig & 2 - Addressee

- 1 - TSS/OC
- 1 - TSS/FASB
- 2 - TSS/CD

TSS/CD  (18 Sept '59)

A



91-34

2 February 1959

B [REDACTED]

Gentlemen:

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

Treasurer's check No. 23290b drawn on [REDACTED] E
for \$220.00

Cashier's check No. A72260 drawn on [REDACTED] E
for \$20,500.00

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

Yours truly,

Enclosures (2)

91.35

26 January 1959

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MGLTRA, Subproject 91, Invoice #1
Allotment 9-2502-75-902

1. Invoice #1 covering the above subproject is attached.
Payment should be made as follows:

B Cashier's check in the amount of \$20.00 payable
to [redacted] drawn

B Cashier's check in the amount of \$20,500.00 payable
to [redacted] drawn on

2. Please forward the checks to Chief, TSS/Chemical Division
through TSS/Budget Officer by Monday, February 9, 1959.

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.

[redacted] H
Chief
TSS/Chemical Division

Attachments:
Invoice & Certifications

E Distribution:
Sig & X - Addressee

CHECK #22210 IN THE AMOUNT OF \$20.00
RECEIVED. 30 JAN [redacted] A

E CHECK #22219 IN THE AMOUNT OF \$20500.00
RECEIVED. [redacted] A

91-35

INVOICE

For Services

\$21,320.00

B- [REDACTED]

CERTIFICATIONS

(1) It is hereby certified that this is Invoice #1 applying to Subproject 91 of MQUILTRA, 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 91 under MQUILTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority is subsequent memoranda.

Research Director

Date: _____

CONFIDENTIAL FUNDS POSTING VOUCHER

[illegible]

6517084
9-36

15 January 1959

MEMORANDUM FOR: CONTROLLER


ATTENTION : Finance Division

SUBJECT : Project MULTRA, Subproject 91

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 91 has been approved, and \$21,320.00 of the over-all project MULTRA funds has been obligated to cover the subproject's expenses and should be charged to Allotment 9-2502-75-902.


Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

Reviewed by  A
Research Director

Date

15 JAN 1959

I CERTIFY THAT FUNDS ARE AVAILABLE

OBLIGATION REFERENCE No. 1585

CHARGE TO ALLOTMENT No. 9-2502-75-902

AUTHORIZING OFFICER

Distributions:

Orig & 2 - Addressee

1 - TSS/OC

1 - TSS/FASB

1 - TSS/SRB

2 - TSS/CD

TSS/CD 15 Jan 59

A

91-37

DRAFT

15 January 1959

MEMORANDUM FOR THE RECORD

SUBJECT: Project MKULTRA, Subproject 91

1. The purpose of this subproject is to provide funds to carry on the advanced animal screening and certain parts of the pre-clinical pharmacology required by the program on the development of new psychochemicals. In addition, this phase of the program will automatically provide fundamental information bearing on the problem of the structure-activity relationships among these compounds. It will also give a better insight into the problem of compound selection for operational applications and the relationship between parameter and the personality structure of the particular person being studied.
2. Preliminary screening on the materials involved in this study has been carried out at [REDACTED] over the past three years. During this time the state of knowledge in this area has steadily improved so that it is no longer possible for the work to be carried out by this contractor. The type of experimental work now required in the program is simply far beyond his capability both in terms of equipment and personnel required for the job. For this reason the rate of expenditure at [REDACTED] on this preliminary screening work has steadily dropped with time while facilities capable of carrying out the more advanced phases of the program were being located. The present view is that with a slight overlap during this year between these projects, [REDACTED] portion will be phased out at the end of the year to be replaced with this new facility.
3. The experimental design in this subproject is based upon results derived from subprojects 22, 51, 70, 62, 58, 53, 46, 44, 45, the work of the past three years, and project [REDACTED]. The personnel and consultants involved consist of CD/Branch II personnel working with Drs. [REDACTED]. Because the work leads off almost immediately into completely unknown areas, all of these consultants will maintain a very close but informal surveillance of the raw data as the work progresses so as to be able to take advantage of every new development as it comes to light in guiding further work in the project.
4. As indicated in the attached proposal, the cost of this program for a period of one year will amount to \$20,500.00. To this must be added a 4% service charge to the [REDACTED] who will act as cutout so that the total cost of the project will not exceed [REDACTED]

\$21,320.00. Charges should be made against allotment 9-2502-75-902.

8 5. The [redacted] has requested that
B [redacted] submit to them a summary accounting of funds received
from [redacted] and that they return any unused funds remaining at
the conclusion of the program.

6. It is not anticipated that any permanent equipment will be required for this phase of the program.

7. It has been agreed that documentation and accounting for travel expenses which are reimbursable by [redacted] shall conform to the accepted practice of that organization.

8. The requirement for a semiannual informal accounting has been waived.

9. All personnel connected with the planning and ^{monitoring} maintaining of results of this program possess Agency TOP SECRET approval, however none of the personnel of [redacted] with the exception of [redacted] is cleared and none will be made witting of Government interest. The project will be unclassified after it leaves the [redacted]

A

Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

[redacted] A
Research Director

Date [redacted]

Orig only.

Attachment - Proposal

[redacted]

91-37
15 January 1959

PROPOSAL

It is proposed to conduct certain biological tests of a pharmacological nature as directed by the Sponsor of this project on chemical materials and extracts to be furnished by the Sponsor. These tests may involve enzyme preparations, small animal work and/or clinical work in certain cases as indicated in each particular instance. The Sponsor will have full control of the methods and procedures to be followed in the work and it is understood that these will vary during the course of the project depending upon research findings in other facilities working in this same general biological program.

In addition, as time and funds allow, pilot experiments will be performed utilizing various known substances having effects on the central nervous system in an effort to refine and improve the present capability of detecting and characterizing such activity in small animals. Attention will also be given to the problem of extrapolation of results between various species of animals.

It is expected that the attached budget will be required to carry out the program outlined above for a period of one year.

91-2

91-37

BUDGET

Salaries	\$12,000
Overhead (25% of Salaries)	3,000
Travel	500
Service (Analytical, etc.)	1,500
Supplies and Materials	3,000
Contingencies	500

Total	\$20,500
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 B

PROPOSAL

During the past few years a great deal of progress has been made in relation to the function and metabolism of various anatomical divisions of the human central nervous system. This progress has to a great extent been fostered and abetted by the study of the effects of drugs on this very complex system. These drugs have mainly been utilized as tools in attempts to develop the relationships between cerebral metabolic processes and brain function as expressed by individual mood and behavioral changes.

In general, pharmacologists are just beginning to realize the potentialities of work in this field and have not as yet adjusted their research goals and techniques to take full advantage of existing knowledge. The general tendency in this respect is to attempt to apply simple modifications of existing techniques to the study of these phenomena. This approach is useful but entirely inadequate to produce progress consistent with that in other fields of medical research. A further problem of significance in relation to this work is the fact that it has developed to a great extent on the clinical side with far too little attention paid to the general pharmacology of the drugs concerned. Without such basic work progress will continue only on a pure chance basis with little theoretical background.

Therefore, it is proposed to:

1. Design and test methods involving experimental animals which will discriminate between drug-produced, generalized depressed states and generalized excited states of the central nervous system and those particular and specific states or effects which can eventually be related to overt behavioral responses of a sort which entail some possibility of practical exploitation. In this process it would be expected that drugs having a more "pure" type of action than those presently available would be discovered.
2. Discover and test materials having specific effects either in the periphery or the central nervous system which result in the distortion of nerve impulses in the sensory tracts of the nervous system.
3. Validate the above methods and effects in normal humans and relate them to alterations in mood and behavior in as objective a fashion as possible.

4. Establish and maintain facilities for those general pharmacological procedures, i.e., the relationships of the unknown drugs to the known humoral agents, etc., which are necessary in order to describe intelligently the action of the new drugs for their application in the above-mentioned tests.

It is felt on the basis of present knowledge that such a program as that outlined above will go far to bridge the tremendous gap in knowledge which presently exists between known drug-substrate relationships and the overt manifestations of these drugs.

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CURRICULUM VITAE

Born: [REDACTED]

Degrees: [REDACTED]

Academic: [REDACTED]

Memberships: Society Experimental Biology
Society Pharmacology
Cancer Society
Academy of Medicine

Research: Conducted intensive research on: endocrine glands,
(insulin, posterior pituitary, thyroid, anterior
pituitary) chemotherapy, alcohol, virus and cancer.

Pharmacology of dinitrophenol