

105-1

INVOICE CHECK LIST

NUMBER Subproject 105

At Date of Original Authorization	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
Jan. 20, 1960	1 yr.		1525-1009-4702	\$ 4,160.00

Additional Authorizations	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
30 June 61 # 2	1 year		1525-1009-4702	4,160.00

Invoice Number	Date	Amount	Balance
<del>1</del>	<del>1/20/60</del>	<del>4,160.00</del>	<del>0</del>
# 1	25 April 60	\$ 4,160.00	0
# 2	7 July 61	4,160.00	0

REMARKS:

105-2

c

[REDACTED]

Project MULTA, Subproject 105

Date Initiated: 20 January 1960

Date Expires: 30 June 1962

Funds-current year: \$4,000.00

Purpose: This project supports research on determinants of virulence in pathogenic bacteria. It provides consultation services on problems related to maintenance of virulence. In Vivo and Vitro characterization data will be developed.

Status: A continuing research. This is a long research but information has been developed to meet ad hoc requirements derived from other but related programs of TSD interest.

[REDACTED]



105-3

[Redacted]

B

February 4, 1963

[Redacted]

[Redacted]

B

Gentlemen:

We enclose a statement of account for the period July 1, 1961 through June 30, 1962 for the grants for the support of research entitled [Redacted]

B

We apologize for not sending the statement at the proper time after June 30.

Our records indicate that the grant was extended through December 31, 1962, therefore, a statement for the final six month period is now due. The accounting records show some unliquidated commitments at the end of the grant period and we would prefer to withhold the final statement until all payments have been made so that we may report an actual cash balance and make a refund of the exact amount. If this is not acceptable for your purposes, please advise us and we will prepare a statement based on expenditures and outstanding commitments.

Very truly yours,

[Redacted Signature]

Director of Contracts -  
Fiscal Administration

B

[Redacted]

cc: Professor [Redacted]

105-3

Professor [redacted]

Period: 7/1/61 - 6/30/62

Receipts:

Cash Balance, July 1, 1961	\$ 170.22
Cash Received, November 10, 1961	1,000.00
Cash Received, December 1, 1961	1,000.00
Cash Received, February 2, 1962	1,000.00
Cash Received, April 20, 1962	1,000.00

Total Cash Available \$ 4,170.22

Disbursements:

General Supplies and Services	\$ 702.07
Travel	104.62
Special Services and Honorariums	250.00
Equipment	272.00

Subtotal \$ 1,328.69

Indirect Costs 21.68

Total Disbursements 1,350.37

Cash Balance, June 30, 1962 \$ 2,819.85

Commitments:

Committed as of June 30, 1962 554.80

Balance Uncommitted and Unexpended \$ 2,265.05

Certified Correct:

[redacted signature]

Fiscal Administration

C

February 4, 1963

A

I have examined and approved the submitted expenditures.

TSS/Chemical Division

Date:

February 4, 1963

B 105-3

[Redacted]

Gentlemen:

We enclose a statement of account for the period July 1, 1961 through June 30, 1962 for the grants for the support of research entitled [Redacted]. We apologize for not sending the statement at the proper time after June 30.

Our records indicate that the grant was extended through December 31, 1962, therefore, a statement for the final six month period is now due. The accounting records show some unliquidated commitments at the end of the grant period and we would prefer to withhold the final statement until all payments have been made so that we may report an actual cash balance and make a refund of the exact amount. If this is not acceptable for your purposes, please advise us and we will prepare a statement based on expenditures and outstanding commitments.

Very truly yours,

[Redacted]  
Fiscal Administration

cc: Professor [Redacted]

I have examined and approved the submitted expenditures.

[Redacted]

Chief  
TSD/Biological Branch

C  
O  
P  
Y

B

C

C

A

105-3/105

B

Statement of Account

with

Professor

Period: 7/1/61 - 6/30/62

Receipts:

Cash Balance, July 1, 1961	\$ 170.22	
Cash Received, November 10, 1961	1,000.00	
Cash Received, December 1, 1961	1,000.00	
Cash Received, February 2, 1962	1,000.00	
Cash Received, April 20, 1962	1,000.00	
<b>Total Cash Available</b>		<b>\$ 4,170.22</b>


Disbursements:

General Supplies and Services	\$ 702.07	
Travel	104.62	
Special Services and Honorariums	250.00	
Equipment	272.00	
<b>Subtotal</b>	<b>\$ 1,328.69</b>	
<b>Indirect Costs</b>	<b>21.68</b>	
<b>Total Disbursements</b>		<b>1,350.37</b>
Cash Balance, June 30, 1962		<b>\$ 2,819.85</b>

Commitments:

Committed as of June 30, 1962		554.80
<b>Balance Uncommitted and Unexpended</b>		<b>\$ 2,265.05</b>


Certified Correct:

  
Fiscal Administration

February 4, 1963

A

I have examined and approved the submitted expenditures.

A -   
Chief  
TSD/Biological Branch

105-4

[REDACTED]

[REDACTED]

[REDACTED] B

February 4, 1963

[REDACTED] C

Dear [REDACTED]

The [REDACTED] did not send a report last July to the [REDACTED]. They thought that since we got a six months extension that a report would be due after the books were closed as of January 1, 1963. At all events, they are preparing now a summary accounting for the year July 1, 1961 to June 30, 1962. They will send me copies of this within the next several days, and I will send them on to you. Also, copies will be sent to the [REDACTED]. In addition, they will prepare an accounting summary for the six months from July 1, 1962 to December 31, 1962. I will send you a copy of this six months accounting when it is available.

B

B

With best regards,

[REDACTED] C

[REDACTED]

Statement of Account  
with

Date: 7/15/61

Receipts:

Cash Received, July 22, 1960	\$ 1,000.00	
Cash Received, November 18, 1960	1,000.00	
Cash Received, January 20, 1961	1,000.00	
Cash Received, June 16, 1961	1,000.00	
<b>Total Cash Available</b>		<b>\$ 4,000.00</b>

Disbursements:

Salaries and Wages	\$ 861.79	
General Supplies and Services	1,517.95	
Travel	59.72	
Special Services & Honorariums	600.00	
Equipment	300.00	
<b>Subtotal</b>	<b>\$ 3,359.46</b>	
Unrecovered Costs (14% of \$3,359.46)	<u>470.32</u>	
<b>Total Disbursements</b>		<b>3,829.78</b>
Cash Balance, June 30, 1961		170.22

Committed:

Committed as of June 30, 1961		63.22
Reserves Committed & Unrecovered		\$ 106.72

Committed Total:

July 9, 1961

Checked and approved the sum of  
Expenses

641  
7/15/61



105-5

July 8, 1961

[REDACTED]

C

[REDACTED]

C

[REDACTED]

B

We propose to isolate from various animals (including man) by nasal swab organisms that are classified by usual bacteriological techniques as Staphylococcus aureus. Strains of S. aureus are important as causative agents of infection in man and, also, for production of a toxin that causes food poisoning in man. Strains of S. aureus also cause infection in other animals. We propose to study in vitro and in vivo characteristics of S. aureus strains from various animal species to determine if host adaptation occurs in the staphylococci as does occur for example, in the salmonellae. In vitro characterization will include test for various hemolysins, type of coagulase, lipase activity, DN ase activity, fibrinolysis, phage pattern and antibiotic sensitivity. In vivo characterization will include test for dermoncorotic toxin, enterotoxin, and infectivity for mice.

105-5

1. RESEARCH PLAN:

A. Specific Aims

To characterize by both in vitro and in vivo studies Staphylococcus aureus of various animal origins (including man) to determine if host adaptation of these microorganisms occurs. For example, are S. aureus isolated from human beings different from S. aureus isolated from dogs?

B. Method of Procedure

Isolation from nasal swabs (and infections where available - e.g., boils in man, arthritis in chickens, mastitis in cattle, bladder infections in mink) of S. aureus using mannitol salt agar, Difco 110 agar, and tellurite glycine agar. After establishment of pure cultures determine kind of hemolysins, phage type, type of coagulase, lipase activity, fibrinolysis, DNase, and antibiotic sensitivity. In vivo characterization will include test for dermonecrotic toxin, enterotoxin, and infectivity for mice. A long term approach would include serological studies of possible differences between strains using the Ouchterlony technique.

C. Significance of This Research

The biology of the staphylococci needs investigation to determine if there is adaptation to different animal species. Such terms as "human" staphylococci, and "bovine" staphylococci are used without a real basis for their use except to mean the source of the particular culture.

D. Facilities Available

Laboratories and animal rooms are available. No unusual equipment is required and the usual bacteriological equipment is available.

[REDACTED] The purpose of this laboratory is to make a continuing survey of rabies in wild animals by trapping. Through the cooperation of Public [REDACTED] we obtain nasal swabs from the animals. This then gives a source of wild animals that have not been in contact with man.

B

2. PREVIOUS WORK DONE ON THIS PROJECT:

We have used most of the techniques listed in Paragraph B (Research Plan) in studies on the pathogenesis of staphylococci. We have also studied the in vitro characteristics of staphylococci causing acute bovine mastitis and chronic bovine mastitis. We have started to isolate staphylococci from nasal swabs of various animals. During the past year we have examined nasal swabs from deer, foxes, skunks, and opossums as well as from laboratory animals such as rabbits and mice. We are currently doing laboratory in vitro tests on the staphylococcal cultures that have been isolated.

3. PERSONAL PUBLICATIONS:

[REDACTED]

C

105-5

3. PERSONAL PUBLICATIONS (continued)

[REDACTED]

C

4. RESULTS OBTAINED BY OTHERS:

Many workers have characterized staphylococci isolated from nasal swabs from human beings (Elek, S. D. "Staphylococcus pyogenes and Its Relation to Disease" 1959, E. and S. Livingstone Ltd., Edinburgh and London), and from milk from dairy cattle (Reid W. and Wilson, J. B., Am. J. Vet. Res. 20: 625 (1959)). There has also been extensive work on characterization of staphylococci from infections in human beings, but limited work has been done on characterization of staphylococci from infections in other animals (e.g. Smith, H. W., J. Path. and Bacteriol. 67: 73 (1954). Rountree (J. of Path. and Bacteriol. 72: 319 (1956) has done Phage typing of staphylococci from nasal swabs from various laboratory and domestic animals. Thus it would seem appropriate in a laboratory where extensive work on staphylococci per se is being done that a detailed investigation be carried out of the characteristics isolated from various animal species.

105-5

105

July 8, 1961

[REDACTED]

\$4,000

twelve

B/C

July 1, 1961

June 30, 1962

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

The Regents of the

[REDACTED]

105-5

Research Assistant - Graduate Student  
Plus some Student Labor \$2,400

Culture Media \$308  
Glassware \$300 608

To attend meeting of ~~XXXXXXXXXXXXXXXXXXXX~~ \$150  
To collect samples \$150 300

B

Honoraria for visitors \$200 200

492

\$4,000

None

105-6

No. \_\_\_\_\_

300 WORD PROJECT SUMMARY

Date: March 3, 1960

Title of Project: \_\_\_\_\_ C

Name of Principal Investigator: \_\_\_\_\_ C

Institution to Which Principal Investigator is Attached: \_\_\_\_\_ B

SUMMARY OF PROPOSED PROJECT: (300 words or less—See Sec. XII, Par. 1., Statement of Policy)

We propose to isolate from various animals (including man) by nasal swab organisms that are classified by usual bacteriological techniques as Staphylococcus aureus. Strains of S. aureus are important as causative agents of infection in man and, also, for production of a toxin that causes food poisoning in man. Strains of S. aureus also cause infection in other animals. We propose to study in vitro and in vivo characteristics of S. aureus strains from various animal species to determine if host adaptation occurs in the staphylococci as does occur for example, in the salmonellae. In vitro characterization will include test for various hemolysins, type of coagulase, lipase activity, DNase activity, fibrinolysis, phage pattern and antibiotic sensitivity. In vivo characterization will include test for dermonecrotic toxin, enterotoxin, and infectivity for mice.

No. 105-6  
B

APPLICATION FOR A GRANT

Date March 3, 1960

Name of Principal Investigator: [REDACTED] C

Amount Requested: \$4,000 for a period of twelve months, from  
July 1, 1960 through June 30, 1961

Title of Project: [REDACTED] C

Name and Title of Principal Investigator: [REDACTED] B

Address of Principal Investigator: [REDACTED] C

Name of Institution: [REDACTED] B

Name, Title and Address of Financial  
Officer to Whom Check Should be Mailed [REDACTED] C

As well as Exact Payee to Whom [REDACTED] B

Check Should be Endorsed: \_\_\_\_\_

AGREEMENT: It is understood by the applicant and the institution to which he is attached that in signing this application (1) they agree that funds granted as a result of this request are to be used only for the purposes set forth in this application, and (2) they agree to abide by the policy of the [REDACTED] as set forth in the "STATEMENT OF POLICY."  
B

[REDACTED]  
Signature of Principal Investigator C

[REDACTED]  
Signature of Official Authorized to  
sign for Institution

[REDACTED]  
Title of Authorized Official

BUDGET SHEET

NOTE: Under column entitled "OTHER" indicate, if any, funds anticipated from other sources to be applied to this project.

	BUDGET	
	Requested from Foundation	Other
PERSONNEL: (Professional and technical assistants, including duties. Indicate names of professional personnel if already selected)		
Research Assistant (Graduate student to be selected.)	\$2,118	
PERMANENT EQUIPMENT: (Itemize)		
CONSUMABLE SUPPLIES: (Itemize)		
Culture Media...\$292		
Animals..... 200		
Animal Feed..... 100		
Glassware..... 200		
Chemicals..... 68	860	
TRAVEL: (State Purpose)		
To attend Soc. of _____ \$150		
To study techniques in Dr. _____'s laboratory in _____ 200		
To collect samples..... 150	500	
OTHER EXPENSES: (Itemize)		
OVERHEAD: (See "STATEMENT OF POLICY," Sec. VIII, Par. 7)		
	492	
Total	\$4,000	

Estimate of funds required to complete project if one year is not sufficient to bring to completion:

\$4,000

Note: The principal investigator has \$20,000 per year from the \_\_\_\_\_ and other sources to study virulence factors in staphylococcal infections. None of this money is available for work outlined in the present proposal.



105-7

## RESEARCH PROPOSAL

This Department has had under investigation studies on virulent and non-virulent Staphylococci. It is expected that by investigation of biochemical properties and metabolic functioning of the major genetic variants, indicators would be identified to mark the virulent Staphylococci. The project, therefore, has genetic, metabolic, and nutritional components. The varieties of toxins produced by the various Staphylococci as well as the intensity will be determined as sub-areas in this study. It is expected that the eventual goal of this investigation will be biochemical tests which will identify the organisms of interest.

105-7

PROPOSED BUDGET

Pay of personnel ..... \$3,200.00

Travel ..... 200.00

Supplies ..... 600.00

Total ..... \$4,000.00

DRAFT  
22 December 1959

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject 105

1. The purpose of subproject 105 is to support investigations at the [redacted] on the determinants of virulence in Staphylococci. This study is an important fundamental investigation which can lead to an increased understanding of the process of pathogenesis. B

2. Dr. [redacted] will be the principal investigator. D

3. The cost of this program for the first year is \$4,000.00. To this sum must be added \$160.00 representing a four per cent service charge to the [redacted] making the total amount for one year \$4,160.00. The [redacted] will function as cut out and cover for this grant. The cover title of the project is [redacted] B

4. Total cost of the project for a period of one year will not exceed \$4,160.00. Charges should be made against Allotment No. 0525-1009-4902.

5. The [redacted] has requested the University to submit [redacted] B

105-8

2. [REDACTED]

a summary accounting of monies received and to return any unexpended grant funds at the end of the project year.

6. Title to any permanent equipment purchased by funds granted the University shall be retained by them in lieu of higher overhead rates.

7. It was mutually agreed that documentation and accounting for travel expenses which are reimbursable by the University shall conform with the accepted practices of that institution.

8. The requirement for a six months' informal accounting on the part of the principal investigator is waived.

9. Dr. [REDACTED] is cleared through SECRET and is aware of the true purpose of the program. C

[REDACTED]  
TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

APPROVED: A

[REDACTED]  
Research Director

[REDACTED]  
Chief  
TSS/Chemical Division

Date: 1/20/60

Attachment: Proposed budget and proposal

Distribution: Original only

[REDACTED]

105-9

[REDACTED]

29 December 1959

MEMORANDUM FOR: COMPTROLLER  
ATTENTION : Finance Division  
SUBJECT : MKULTRA, Subproject 105

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 105 has been approved and \$4,160.00 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.

[REDACTED]

Chief  
TSS/Chemical Division

APPROVED FOR OBLIGATION  
OF FUNDS:

Research Director

A

Date:

Distribution:

Orig & 2 - Addressee

1 - TSS/OC

1 - TSS/FASB

2 - TSS/CD

TSS/CD (29 Dec '59)

[REDACTED]

105-9

**INVOICE**

**For Services**

**\$4,160.00**

**B**

**CERTIFICATIONS**

(1) It is hereby certified that this is Invoice No. 1 applying to Subproject 105 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/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 MKULTRA Subproject 105, 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:** \_\_\_\_\_

105-10

25 April 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : MKULTRA, Subproject 105, Invoice #1  
Allotment 0525-1009-4902

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

E Cashier's check in the amount of \$4,000.00 drawn on  
B [redacted], payable to [redacted]

E Cashier's check in the amount of \$160.00, drawn on  
B [redacted], payable to [redacted]

2. Please forward the checks to Chief, TSD/Chemical Branch,  
through TSD/Budget Officer, no later than 9 May 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

- 1 - TSD/FASS
- 2 - TSD/CB

TSD/CB/[redacted]  
A

[redacted]

105-11

6 May 1960

B

Dear [REDACTED]

Please give these the same treatment as the others,

Thank you,



3. 105-11

6 May 1960

[REDACTED]

B

Gentlemen:

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

Official Check G41068 drawn on [REDACTED] for \$4,000.00 dated May 2, 1960.

E

Cashier's Check No. A241099 drawn on [REDACTED] for \$160.00 dated May 2, 1960.

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

Yours truly,

25 April 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : MKULTRA, Subproject 105, Invoice #1  
Allotment 0525-1009-4902

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

*B* Cashier's check in the amount of \$4,000.00 drawn on  
[redacted] payable to [redacted]

*E* Cashier's check in the amount of \$160.00 drawn on  
[redacted] payable to [redacted]

2. Please forward the checks to Chief, TSD/Chemical Branch,  
through TSD/Budget Officer, no later than 9 May 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.

*E* CHECK RECEIVED IN THE AMOUNT OF \$400.00  
5 MAY 1960

*A* [redacted] 5/5/60

*A*  
Chief  
TSD/Chemical Branch

Attachments:  
Invoice & Certifications

Distribution:  
Orig & 2 - Addressee

- 1 - TSD/FASS
- 2 - TSD/CB

TSD/CB [redacted] *A*

I CERTIFY THAT FUNDS ARE AVAILABLE  
OBLIGATION REFERENCE No. 1431  
CHARGE TO ALLIANCE No.

*E* AUTHORIZING OFFICER

CHECK RECEIVED IN THE AMOUNT OF \$200.00  
5 MAY 1960

*A* [redacted] 5/5/60



105-14

29 December 1959

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 103

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 103 has been approved and \$4,160.00 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.

[Redacted signature]

Chief  
TSS/Chemical Division

APPROVED FOR OBLIGATION  
OF FUNDS:

Original signed by  
[Redacted signature]

I CERTIFY THAT FUNDS ARE AVAILABLE:  
OBLIGATION DATED AS OF: 1438  
CHARGE TO ACCOUNT NO. 0525-1009-4902

20 JAN 1960

ACT. DIVISION OFFICER

Research Director

Date: 20 JAN 1960

Distribution:

Orig & 2 - Addressee

1 - TSS/OC

1 - TSS/FASB

2 - TSS/CD

TSS/CD/ [Redacted] (29 Dec '59)

[Redacted]

A



105-16


24 May 1961

MEMORANDUM FOR: CONTROLLER

ATTENTION : Finance Division

SUBJECT : MCULTRA, Subproject 105  
Additional Authorization #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 105 has been approved and \$4,160.00 of the over-all MCULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 1125-1390-3902.

  
Chief  
TSD/Research Branch

APPROVED FOR OBLIGATION  
OF FUNDS:

A

Research Director

Date:

Distribution:

- Original & 2 - Addressee
- 1 - TSD/FASS
- 2 - TSD/RB



105-17

DRAFT  
24 May 1961

MEMORANDUM FOR: The Record

SUBJECT : MKULTRA, Subproject 105, Renewal

1. The purpose of subproject 105 is to support investigations at the [redacted] on the determinants of virulence in Staphylococci. This study is an important fundamental investigation which can lead to an increased understanding of the process of pathogenesis. B

2. Dr. [redacted] will be the principal investigator. C

3. The cost of this program for the second year is \$4,000.00. To this sum must be added \$160.00 representing a four per cent service charge to the [redacted], making the total amount for one year \$4,160.00. [redacted] will function as cut out and cover for this grant. The cover title of the project is [redacted]. B

4. Total cost of the project for a period of one year will not exceed \$4,160.00. Charges should be made against Allotment No. 1125-1390-3902.

5. The [redacted] has requested the University to submit a summary accounting of monies received and to return any unexpended grant funds at the end of the project year. B

[redacted]

105-17

6. Title to any permanent equipment purchased by funds granted the University shall be retained by them in lieu of higher overhead rates.

7. It was mutually agreed that documentation and accounting for travel expenses which are reimbursable by the University shall conform with the accepted practices of that institution.

8. The requirement for a six months' informal accounting on the part of the principal investigator is waived.

9. Dr. [redacted] is cleared through SECRET and is aware of the true purpose of the program. C

[redacted] A  
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

APPROVED:

[redacted] A  
Research Director

[redacted] A  
Chief  
TSD/Research Branch

Date: JUN 1951

Attachment: Proposed budget and proposal

Distribution: Original only

[redacted]



105-67

RESEARCH PROPOSAL

This Department has had under investigation studies on virulent and non-virulent Staphylococci. It is expected that by investigation of biochemical properties and metabolic functioning of the major genetic variants, indicators would be identified to mark the virulent Staphylococci. The project, therefore, has genetic, metabolic, and nutritional components. The varieties of toxins produced by the various Staphylococci as well as the intensity will be determined as sub-areas in this study. It is expected that the eventual goal of this investigation will be biochemical tests which will identify the organisms of interest.

PROPOSED BUDGET

Pay of personnel	\$3,200.00
Travel	200.00
Supplies	600.00
Total	\$4,000.00

105-17

105-18

7 July 1961

MEMORANDUM FOR: Chief, Finance Division

VIA : TSD/Budget Officer

SUBJECT : MKULTRA, Subproject 105, Invoice No. 2  
Allotment 1125-1390-3902

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

E Cashier's check in the amount of \$4,000.00 drawn on a  
B [redacted] payable to [redacted]

E Cashier's check in the amount of \$160.00 drawn on a  
B [redacted] payable to [redacted]

2. Please forward the checks to Chief, TSD/Research  
Branch, through TSD/Budget Officer, no later than 19 July 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  
1 - TSD/FASS  
2 - TSD/RB

TSD/RB: [redacted]  
A [redacted]

105-18

INVOICE

For Services

~~\$4,160.00~~

CERTIFICATIONS

(1) It is hereby certified that this is Invoice 2 applying to sub-project No. 105 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 105 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: \_\_\_\_\_

105-19

17 August 1961

[REDACTED]

B

Gentlemen

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

Treasurer's Check No. 090778 drawn on the [REDACTED] for \$4,000.00 dated July 18, 1961. E

Cashier's Check No. A275779 drawn on [REDACTED] for \$160.00 dated July 18, 1961. E

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

Yours truly,

Attachments (2)

105-20

7 July 1961

MEMORANDUM FOR: Chief, Finance Division

VIA TSD/Budget Officer

SUBJECT: MKULTRA, Subproject 105, Invoice No. 2  
Allotment 1125-1390-3902

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

E  
B Cashier's check in the amount of \$4,000.00 drawn on a  
payable to

E  
B Cashier's check in the amount of \$160.00 drawn on a  
payable to

2. Please forward the checks to Chief, TSD/Research Branch, through TSD/Budget Officer, no later than 19 July 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

I CERTIFY THAT FUNDS ARE AVAILABLE  
OBLIGATION REFERENCE NO. 2371  
CHARGE TO ALLOTMENT NO. 1125-1390-3902  
11 JUL 1961

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

CHECK # 490226 RECEIVED

AMOUNT OF \$4,000.00  
A

TSD/RB  
A

CHECK # 4-275224 RECEIVED

AMOUNT OF \$160.00  
A

[Redacted] 10 Aug 1961  
[Redacted] 16 Aug 1961

105-21

24 May 1961

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 105

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 105 has been approved and \$4,160.00 of the over-all MKULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 1125-1390-3902.

~~\_\_\_\_\_~~  
Chief  
TSD/Research Branch

APPROVED FOR OBLIGATION  
OF FUNDS: *A*

I CERTIFY THAT FUNDS ARE AVAILABLE:

OBLIGATION REFERENCE NO. 2378

CHARGE TO ALLOTMENT NO. 1125-1390-3902

AUTHORIZING OFFICER

Original signed by

~~\_\_\_\_\_~~  
Research Director

Date:

30 JUN 1961

Distribution:

Original & 2 - Addressee

1 - TSD/FASS

2 - TSD/RB

105-22

(When Filled In)

No.

3919

Cost Account

1125-1390-8902

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
30 JUN 1961	Whittier Sub 115	4,160.00		4,160.00
11 JUL 1961	Pr # 2		4,160.00	-

(When Filled In)



105-203

[REDACTED]

b

SCHEDULE OF GRANT PAYMENTS

August 8, 1960

c

3. Dr.	[REDACTED]	July 1960 to June 1961
Paid	July 5, 1960	1,000.00
Due	October 1, 1960	1,000.00
Due	January 1, 1961	1,000.00
Due	April 1, 1961	1,000.00
Total grant.....		4,000.00