

Editorial ProjectExpensesMay 1, 1959 through June 30, 196014 months

Furniture and Fixtures	213.25
Salaries	18,135.41
Taxes	575.56
Rent	1,725.00
Travel	914.52
Miscellaneous	11.25
Office Supplies	78.39
Communications	80.00
Brainwashing Bibliography	<u>218.48</u>
Total 14 month Expenditures	<u>\$ 21,951.86</u>

I certify that this is a true statement of expenditures for this project for the period covered.

Received for this period \$25,000.00  
of 12 months not  
including months of 21,951.86  
May and June which have  
been included to bring this  
to the fiscal year

Balance to be used during Fiscal Year 1960-61

\$3,048.14

I have examined and approved the submitted  
expenses.

Date: 9/21/60

Sept. 19, 1960

Graphology Expenses  
July 1959 through August 1960

C  
C



Travel and Miscellaneous	1,716.40
	979.00
	3,342.42
	380.00
	150.00
	190.00
	125.00
	100.00
	125.00
	125.00
	35.00
	75.00
	190.00
	125.00
	125.00
	125.00
	<u>125.00</u>

Total Expenditures \$7,907.82

C/F

Handwriting Magazine Project -  
720.00

\$8,627.82

Amount in Graphology Account-

\$11,449.46

Expend. 8,627.82

Balance \$ 2,821.64\*

I certify that this is a true account of expenses paid on the above project.



C

\*This balance is continually changing as more expenses continue. Part of these funds will be utilized in the preparation of the report to be published.

I have examined and approved the above-mentioned expenditures.



9/26/60

A

Do you want stamp on this?

Yes  No

Reason *yes only*

*acting*

*only on your by statement*

B

EDITORIAL PROJECT

EXPENDITURES May 1, 1959 through March 31, 1960

11 Months

Salaries	\$13,910.42
Equipment	213.25
Taxes	229.22
Rent & Utilities	1,380.00
Travel	672.48
Office Supplies	33.23
Communications	40.00
Miscellaneous	<u>11.25</u>
Total Expenditures	\$16,489.85

N. B. Office Supplies, Communications and Utilities for the most part were absorbed by the [redacted] B

The anticipated expenditures for the 12th month are \$1,700.00.

Total anticipated expenditures for 12 months \$18,189.85.

Total Budget and funds received \$25,000.00

Less Expenditures 18,189.85

Balance to be carried over for fiscal May 1, 1960 to May 1, 1961. \$ 6,810.15\*

\*This sum is left since the anticipated assistant for [redacted] was not hired. C

April 1, 1960

STATUS OF GRAPHOLOGY FUNDS

Total Funds available as of May 1, 1959	\$11,449.46
Funds Expended	<u>4,446.55</u>
Balance as of April 1, 1960	\$ 7,002.91

Anticipated Expenditures:

- Publication of Graphology \$3,000.00
- Completion of First Phase 1,000.00
- Phase two and three are indeterminate at this time

+

85-6 #2

December 28, 1959

*C/F*  
[Redacted]

*C/F* Dear [Redacted]

The Board of Directors of the [Redacted] has approved your [Redacted] proposal for a new scientific graphological Review [Redacted] *C/F*  
*C/F* Enclosed please find the Society's check in the amount of \$360.00 [Redacted] which represents the semi-annual payment on the grant to you. The second payment will be made on or about July 1, 1960.

As previously mentioned, at the end of the first year, the Board of Directors will review your progress and at that time will determine further support.

The following conditions apply to the utilization of these funds:

1. An annual and informal progress report to be submitted during the month of December.
2. An annual accounting of funds to be rendered for our records.
3. The Review shall contain the following notice [Redacted]

Other than the above conditions, it is required that funds be expended entirely for the publication designated and that no profits accrue to any individual.

The Board of Directors and the scientific advisors to the [Redacted] join me in wishing you well in this endeavor. Please call upon us for any assistance that we may be able to provide.

Sincerely,

[Redacted Signature] *C*  
Executive Secretary

December 11, 1959

Memorandum to: [redacted] A  
From: [redacted] C  
Subject: [redacted] Graphological Review

Enclosed is a proposal from the above named [redacted] C/F  
[redacted] C/F

This is an invited proposal, the first that we have been able to stimulate despite the fact that we have been working in graphology for two years now. It is particularly appropriate to our needs in that A. It gives us contact with the entire [redacted] graphology F community and B. It achieves this relationship at a very modest cost on a participating basis.

I recommend that a supplement to our Handwriting Analysis Task Budget be made in the amount of \$3,500. This amount is larger than the estimated budget submitted [redacted] because it is my opinion that as his work progresses under the stimulus our grant will provide, he will find he has not allowed sufficient funds to achieve his objectives. C/F

Enclosure #1 is [redacted] proposal. Enclosure #2 is our letter of committal which transmits a first payment on the grant in the amount of \$300. C/F

My unorthodox action in making this transmittal was dictated by the small amount involved, by the deliberation and planning which has borne the approval and consent of our Directors and [redacted] C and by my strongly felt need to respond quickly to this proposal for public relations purposes. If, after consideration, you feel that this grant should not be made, there are sufficient administrative funds on hand to cover the first year's grant and these can be diverted from other [redacted] projects. B

[redacted] C

RECEIPT

I hereby acknowledge receipt of the following:

Official Check #MT 118622 in the amount of \$25,000.00, drawn  
on [REDACTED] dated May  
19, 1959, and payable to the [REDACTED] B

[REDACTED] C

Date: May 21, 1959

83-9

2131

9-3502-75-942

FB

0 APR 1959

Cont. # 3

25,000.00

25,000.00

12 MAY 1959

Cont. # 3

25,000.00

83-10



27 March 1959

**MEMORANDUM FOR: THE COMPTROLLER**

**ATTENTION : Finance Division**  
**SUBJECT : MKULTRA, Subproject No. 83,**  
**Authorization #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 83 has been approved, and \$25,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 9-2502-75-902.



A

**Chief**  
**TSS/Chemical Division**

**Approved for Obligation of Funds:**

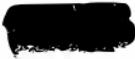
\_\_\_\_\_  
**Research Director**

**Date:** \_\_\_\_\_

**Distribution**  
**Orig & 2 - Addressee**  
**1 - TSS/FASB**

I CERTIFY THAT FUNDS ARE AVAILABLE  
OBIGATION REFERENCE No. 2122  
CHARGE TO ALLOTMENT No. 9-2502-75-902

\_\_\_\_\_  
**AUTHORIZING OFFICER**



83-11

[REDACTED]

8 May 1959

MEMORANDUM FOR: Chief, Finance Division

VIA : TSS/Budget Officer

SUBJECT : MKULTRA, Subproject 83, invoice No. 3  
 Allotment 9-2502-75-902

1. Invoice No. 3 for the above subproject is attached. Payment should be made as follows:

Cashier's check in the amount of \$25,000.00, drawn on [REDACTED] and made payable to the [REDACTED] B

2. Please forward the check to Chief, TSS/Chemical Division through TSS/Budget Officer by Thursday, 28 May 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

Distribution  
 Orig & 2- Addressee  
 ✓ 1 - TSS/FASB

12 MAY 1959  
 I CERTIFY THAT FUNDS ARE AVAILABLE  
 DELEGATION REFERENCE NO. 2137  
 CHARGE TO ALLOTMENT NO. 9-2502-75-902  
 \_\_\_\_\_  
 AUTHORIZING OFFICER

[REDACTED] E  
 CHECK # 22634 IN THE AMOUNT OF \$25,000.00  
 RECEIVED. 21 MAY 1959  
 \_\_\_\_\_  
 [REDACTED] A

[REDACTED]

83-11

**INVOICE**

**For Services**

**\$25,000.00**

**CERTIFICATIONS**

(1) It is hereby certified that this is Invoice No. 3 applying to Subproject No. 83 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 83 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: \_\_\_\_\_



DRAFT  
26 March 1959

MEMORANDUM FOR: THE RECORD

SUBJECT : Continuation of MKULTRA,  
Subproject No. 83

1. The purpose of Subproject No. 83 is to continue support of the editorial and technical survey activities of [REDACTED] [REDACTED] is assigned to the [REDACTED] [REDACTED] and is covered as an employee of the [REDACTED] During the past eighteen months his activities have been to make technical surveys of social and behavioral science matters of interest to TSS/CD/ Branch III.

2. [REDACTED] will continue to develop technical surveys on the controversial and misunderstood areas listed below:

- a. A revision and adaptation of material already developed on deception techniques (magic, sleight of hand, signals, etc.)
- b. Psychic phenomena and extrasensory perception
- c. Subliminal perception
- d. Hypnosis
- e. "Truth serums"
- f. Expressive movements (body type, facial characteristics, etc.)

He will also assist [REDACTED] in editing the material they develop including annual reports, project summaries and conference notes.

C [redacted] will be under the supervision of the Executive Secretary of the [redacted] B and will continue to work out of the

B [redacted] offices. Accounting for money spent will be included in the regular [redacted] B audit.

4. The total cost of this subproject will be \$25,000.00 for a period of one year beginning 1 May 1959. Charges should be made against Allotment 9-2502-75-902.

C 5. [redacted] has been cleared for access to Top Secret material by the Agency.

[redacted] A

Chief  
TSS/Chemical Division

Approved for Obligation of Funds:

[redacted] A

Research Director

Date: 11 Dec 5 - 1959

Distribution:  
Original only

[redacted]

83 / 83-13

May 12, 1959

Memorandum to [REDACTED]

A

Subject: Editorial Project

The balance of funds received for the Editorial Project which carried from May 1, 1958 through April 30, 1959 of \$3,449.46 is retained and committed along with the \$8,000.00 supplement for graphology tests received in January 1959 for continuation of the work on graphology through the fiscal year 1960.

EDITORIAL PROJECT

Expenditures

May 1, 1958 through April 30, 1959

Salaries	\$17,797.30
Equipment	573.31
Taxes	283.04
Travel	1,012.32
Reference Library	60.00
Office Supplies	9.75
Graphology [redacted] C	178.56
Miscellaneous (Incl. typing fees and rental on typewriter)	<u>209.01</u>
Total expenditures	\$21,368.29

Items Obligated from these funds and to be paid in May

Rent - April 15/30	57.50
Taxes on 1st Quarter Unempl. Ins.	<u>104.75</u>
Total expenditures for year	\$21,550.54

Please note that no charge was made for telephone, electricity, and, although a small amount shows for Office Supplies, the vast amount of supplies and postage.

Cash Received for this project: \$ 15,965.89

Cash transferred from

B [redacted]	\$ 9,034.11
	\$ 25,000.00
Expenditures	<u>21,550.54</u>
Balance	\$ 3,449.46

Supplement received for Special Trial Tests \$ 8,000.00

[redacted]

[redacted]

3/24/59

A

C

83-16

RECEIPT

I hereby acknowledge receipt of the following:

Official Check No. 209-359222, in the amount of \$8,000.00, drawn on  
the [REDACTED] dated January 13, 1959,  
and payable to the [REDACTED] B

[REDACTED] C  
Date: January 26, 1959

83-16

29 December 1958

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA Subproject 83, Invoice No. 2,  
Allotment 9-2502-75-902

*File*

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

Cashier's check in the amount of \$8,000.00 drawn on  
E \_\_\_\_\_ and made payable to the \_\_\_\_\_ B

2. Please forward the check to Chief, TSS/Chemical Division through TSS/Budget Officer by Tuesday, 2 January 1959.

3. This is a final invoice. A total of \$8,000.00 was obligated under this subproject during FY 59. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

\_\_\_\_\_  
Acting Chief  
TSS/Chemical Division

Attachments:  
Invoice & Certifications

Distribution:  
Orig & 2 - Addressee

1 - TSS/FASB

I CERTIFY THAT THE ABOVE IS AVAILABLE  
OBLIGATION LINE \_\_\_\_\_  
CHARGE TO ALLOTMENT \_\_\_\_\_  
9-2502-75-912  
ACTING BUDGET OFFICER

CHECK # 29-359222 IN THE AMOUNT OF \$8,000.  
RECEIVED. 21 JAN 1959

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

21 Jan 59

A

83-16



**INVOICE**

**For Services**

**\$8,000.00**



**CERTIFICATIONS**

(1) It is hereby certified that this is Invoice No. 2 applying to Subproject No. 83 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.

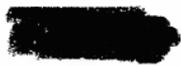
\_\_\_\_\_  
Acting Chief, TSS/Chemical Division

Date: \_\_\_\_\_

(2) It is hereby certified that this invoice applies to Subproject 83 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: \_\_\_\_\_



83-17

[Redacted]

16 December 1958

12/16/58

**MEMORANDUM FOR: THE COMPTROLLER**

**ATTENTION : Finance Division**

**SUBJECT : MKULTRA, Subproject No. 83**

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 83 has been approved, and \$8,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 9-2502-75-902.

[Redacted]

Chief  
TSS/Chemical Division

Approved for Obligation  
of Funds:

Original signed by  
[Redacted]

*for*  
Research Director

23 DEC 23 1958  
1422  
9-2502-75-902  
34

Date: \_\_\_\_\_

Distribution:  
Orig & 2 - Addressee  
1 - TSS/FASB

[Redacted]

83-18

18 Dec 1958  
N/A

Support a special  
research study of handwriting analysis.  
(Continuing [redacted] project)

Satisfactory

N/A

[redacted] A

MEMORANDUM FOR: THE RECORD

SUBJECT : Supplementary Funds, MKULTRA, Subproject 83

1. The purpose of the supplement to this project is to support a special research study of handwriting analysis. Graphologists will categorize a number of handwriting specimens according to the degree to which these specimens tend to reveal personality dimensions. Other experts in handwriting analysis, including graphologists, handwriting identification experts and experimental psychologists, will examine the above groups of handwriting specimens to determine any identifiable characteristics of the actual handwriting. Both the above phases will be repeated as a cross validation.

2. The original budget for this project did not cover the cost of this research phase. The specific direction of research could not be determined until [REDACTED] completed the final stages of his survey of handwriting analysis. The attached supplementary budget includes estimated fees for graphologists and administration costs associated only with this research phase. c

3. The total additional cost of this project will not exceed \$8,000.00, (thereby bringing to a total of \$33,000.00 funds obligated to 1 May 1959), to be charged against Allotment 9-2502-75-902.

4. Other specifications for this project remain as stated in  
[REDACTED]

[REDACTED]

the Memorandum for the Record dated 18 April 1958, Subject:  
MKULTRA, Subproject No. 83.

[REDACTED] A

TSS/Chemical Division

Approved for Obligation of Funds:

[REDACTED] A  
for Research Director

Date: 12/18/58

Attached:  
Proposed Budget

Distribution:  
Original only

[REDACTED]

83-19

**SUPPLEMENTAL BUDGET, MKULTRA**  
**Subproject 83**

Fees: Handwriting Experts	\$ 7,500.00
Travel	450.00
Mailing and miscellaneous	<u>150.00</u>
TOTAL	\$8,000.00



83-21

RECEIPT

Receipt is hereby acknowledged for  Check No. FE12617, E  
dated June 25, 1958, drawn on the   
in the amount of \$15,965.89, payable to the  B  
  
B  
C   
Date: 7-2-58



83-23



21 April 1958

MEMORANDUM FOR: THE COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject No. 83

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 83 has been approved, and \$25,000.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses and should be charged to Allotment 8-2502-10-001.

A  
Chief  
TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

Original signed by A

Research Director

Date: 24 April 1958

Distribution:  
Orig & 2 - Addressee  
✓ 1 - TSS/FASB

7644  
F-2502-10-001



8.3-24

11 June 1958

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA Subproject 83, Invoice No. 1,  
Allotment 8-2502-10-001

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

Cashier's check in the amount of \$15,965.89, drawn  
on [redacted] and made payable to the [redacted] B

2. Please forward the check to Chief, TSS/Chemical  
Division through TSS/Budget Officer by Wednesday, 25 June 1958.

3. This is a final invoice. A total of \$25,000.00 was  
obligated under this subproject during FY 58. However, since it is  
anticipated that additional funds will be obligated for this project, the  
files should not be closed.

[redacted]

Chief  
TSS/Chemical Division

A

Attachments:  
Invoice & Certifications

Distribution:  
Orig & 2 - Addressee  
1 - TSS/FASB

SEARCHED  
SERIALIZED  
INDEXED  
FILED  
JUN 11 1958  
FBI - WASHINGTON  
5-2502-10-001

[redacted]

83-24



**INVOICE**

For services

\$15,965.89



**CERTIFICATIONS**

(1) It is hereby certified that this is Invoice No. 1 applying to Subproject 83 of MKULTRA, that performance has been satisfactory, that the services have been accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

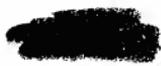
\_\_\_\_\_  
Chief, TSS/Chemical Division

Date:

(2) It is hereby certified that this invoice applies to Subproject 83 under MKULTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated 12 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

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

Date:



83-25

11 June 1958

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA Subproject 33, Invoice No. 1,  
Allotment 3-2503-10-001

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

E Cashier's check in the amount of \$15,965.89, drawn  
on [redacted] and made payable to the [redacted] B

2. Please forward the check to Chief, TSS/Chemical  
Division through TSS/Budget Officer by Wednesday, 25 June 1958.

3. This is a final invoice. A total of \$25,000.00 was  
obligated under this subproject during FY 58. 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

1267  
CHECK NO. [redacted] IN THE AMOUNT OF \$15,965.89  
RECEIVED.

Distribution:  
Orig & 2 - Addressee

1 [redacted] A

Dr 288	002644	600.1	2502-10-001	17.2	25,000.00
Cr 336	001674	600.1	2502-10-001	17.2	9,634.11
Cr Cash					15,965.89

[redacted] A  
23 June 58

[REDACTED]

DRAFT  
18 April 1958

[REDACTED] A

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject No. 83

1. The purpose of Subproject No. 83 will be to support the editorial and technical survey activities of [REDACTED] C

[REDACTED] assigned to the [REDACTED] B

[REDACTED] and is covered as an employee of the [REDACTED] During the past B

six months, his activities have been to make technical surveys of social and behavioral science matters of interest to TSS/CD/Branch III. Dur-

ing this period he has been carried on the budget of the [REDACTED] How- B

ever, it was originally proposed that as soon as he demonstrated his ability, he would be established as an independent project and his activities widened.

C 2. [REDACTED] has completed a detailed study of handwriting

analysis. He has prepared a review of current attitudes towards hand-writing analyses as reflected by scientific researchers in the technique;

fringe or pseudo-scientific developments in the field; general attitudes of psychiatrists, psychologists and other behavioral scientists to the

techniques; and attitudes of document analysts and law enforcement agencies to the method. He has isolated the various "schools" of hand-

writing analysis, both American and European, and has prepared a readable, accurate and informative document that can be made available to

[REDACTED]



potential consumers of handwriting analyses. More important, however, he has assembled data making it possible to design relevant and meaningful research into the usefulness and applicability of handwriting analyses to intelligence activities.

3. On the basis of the many contacts developed by [redacted] it is now possible to undertake systematic research. During the next year, [redacted] will be responsible for the development of a research project on handwriting analysis. The recommendations for the design of this project, as developed by [redacted] are included as Attachment No. 2.

4. In addition [redacted] will begin to develop similar technical surveys on other controversial and misunderstood areas. These will include, though not necessarily in the next year:

- a) a revision and adaptation of material already developed on deception techniques (magic, sleight of hand, signals, etc.)
- b) psychic phenomena and extrasensory perception
- c) subliminal perception
- d) hypnosis
- e) "truth serums"
- f) expressive movements (body type, facial characteristics etc.)



He will also assist the [redacted] editing the material they develop including annual reports, project summaries, and conference notes.

5. [redacted] will be under the supervision of the Executive Secretary of the [redacted] and will continue to work out of the [redacted] offices. Additional space for his activity is necessary and is included in the summary budget attached. Accounting for money spent will be included in the regular [redacted] audit.

6. The total cost of this subproject will be \$25,000.00 for a period of one year beginning 1 May 1957. Charges should be made against Allotment 8-2502-10-001.

7. [redacted] has been cleared for access to Top Secret material by the Agency.

[redacted signature]  
Chief  
TSS/Chemical Division

Approved for Obligation of Funds:

[redacted signature]  
Research Director

Date: 23c 24-10-57

- Attached:
1. Proposed Budget
  2. [redacted] Recommendations

Distribution:  
Original only

[redacted]

PROPOSED BUDGET

C Salary for [redacted] for one year	\$12,000.00
Salary for clerk-typist (to be employed)	4,000.00
Space, utilities, phone, etc	4,000.00
Consultant fees, travel and expenses in setting up case history project	4,000.00
Supplies, incidentals, etc	1,000.00
	<hr/>
TOTAL	\$25,000.00



Recommendations for a Test of Handwriting Analysis

General Comment. Handwriting analysis in the present state of its development is more art than science. The modern graphologist attempts to assess total personality in terms of the total handwriting sample, and insists that no single handwriting element has meaning in and of itself, but must be considered in the context in which it is found. There are certain "principles" to which most graphologists adhere that lead to general agreement on many points of handwriting interpretation, but the final product is an individual performance reflecting the training and convictions of a particular graphologist. Asked to explain how he arrives at a particular judgment, the graphologist will assign tentative value to various handwriting elements, such as slant, pressure, speed, etc., insisting that his interpretation of each element is conditioned by the total pattern of graphic indication he sees in the sample. There is, then, no anatomy of graphology that can be tested per se; the only practical recourse is to test the performance of several handwriting analysts who appear to be most qualified.

Types of Handwriting Analysis Experiments. An experiment intended to test the effectiveness of handwriting analysis as a method of assessing personality can be designed in a number of ways. For purposes of validation, a knowledge of the salient personality features (traits and attitudes) of each person whose handwriting is to be analyzed remains a basic requirement, regardless of experimental design.

In the matching test, the graphologist's performance can be compared with the performance of a psychologist using accepted psychological or objective methods. The graphologist prepares personality sketches from blind analysis of handwriting, and these are compared with sketches by the psychologist based on a battery of psychological tests. In a variation of this method, psychologist and graphologist make

scaled judgments of specific criteria of personality in lieu of narrative or descriptive personality sketches. Performance in either case is evaluated by an "expert" judge or panel of judges whose knowledge of the Subjects may include face-to-face interviews, appraisal by acquaintances, biographies, and indeed all information available for delineating each personality.

A simple sorting test can be employed. In the past, scripts have been shuffled and the graphologist asked to sort them according to sex, indications of honesty or dishonesty, and according to whether the writer would score high or low on certain psychological tests. (In passing, it should be noted that the modern graphologist refuses to judge the sex of a writer.)

A favorite approach of American psychologists who have concerned themselves with handwriting analysis, is the measurement of certain physical or geometric aspects of handwriting in the attempt to establish correlations between these and well-defined personality traits. These studies have produced claims of significant correlations and claims of no correlation whatsoever. As an investigation of handwriting, this method comes the nearest to satisfying the demands of objective methodology. The need for a professional graphologist is eliminated, for this is a test of handwriting as a projective device, and not a test of handwriting analysis as practiced by the graphologist. It does not consider the total sample, nor has it thus far been able to explore the interplay of various handwriting elements.

A fourth method would provide a test of graphology in its industrial or business applications, particularly in personnel selection. This would require the cooperation of three or possibly four business firms, either retailers or manufacturers, and would employ skewed samples of the handwritings of individuals who clearly have succeeded

in designated positions and those who clearly have failed in or are otherwise not fitted for the positions. There are no known instances of this precise approach to the test of handwriting analysis, possibly because there has been no need of it or quite possibly because it is a "loaded" situation smack of unethical practice.

In the matching or the sorting tests, the graphologist would know that he was participating in an experiment, though he need not be aware that other graphologists were making judgments on the same handwriting samples. In the test of graphology in industry, the handwriting analyst would, of course, remain unaware of the test situation.

Personnel Selection. If only one experimental approach is to be used, the test of industrial graphology is recommended as the least encumbering and the easiest to evaluate. Although it will not permit a comparison of handwriting analysis with other projective techniques, it offers an excellent opportunity to test the accuracy of the graphologist's judgments concerning a subject's performance and behavior. The selection of suitable handwriting samples for this test will be more difficult than it would be for sorting or matching experiments.

Graphologists place no restrictions on the types of jobs for which they are willing to interpret handwriting. They have declared themselves competent to advise on jobs as diverse as cotton grading, advertising, proof reading, accountancy, and various supervisory and administrative positions. They assist in hiring new employees, promoting old ones, and in discovering underlying causes of low production and unsatisfactory interpersonal relationships on the job.

Unless the graphologist has previously been retained by a firm, he expects the client to tell him the qualifications desired in the applicant. As an example, a retailer of children's toys decides to hire a chief buyer. Beyond the applicant's

experience as a buyer, the client wants a man who is honest, intelligent, reliable, and energetic; a man who has personal warmth, social poise, a good sense of humour, an understanding of parents' mentality and a good intuitive sense of the psychology of children. As a matter of practice, the graphologist is willing to interpret the meaning of "reliable," what constitutes "a good sense of humour," how much intelligence the position demands, etc. Given the handwritings of 10 applicants, he will narrow them to two or three, and ask the client to make the final choice. He will extend himself further, if the client wishes, and list his choices in 1-2-3 order, indicating why he feels one applicant is qualified and another is not, why one applicant is likely to succeed and another is likely to fail.

The types of positions for which the graphologist seems most frequently to make recommendations are: (1) sales personnel and buyers, (2) bookkeepers and accountants, (3) public relations personnel, (4) clerical personnel: secretarial and stenographic, and (5) supervisory positions (of no fixed description). These positions should be central to the experiment, but the handwriting of any person whose dominant traits and attitudes are known and whose behavior is marked and explicit, regardless of level or type of employment, potentially constitutes a suitable sample for purposes of the experiment.

The facets of personality which the graphologist is asked to detect and evaluate will be controlled largely by the psychological makeup of the individual supplying the handwriting sample. The points on which the graphologist is asked to make judgments need not be <sup>so</sup> comprehensive as the toy merchant's requirements for a qualified chief buyer; they can be circumscribed to whatever degree suits the needs of the experiment.

Individuals who have demonstrated their competence in the positions for which they will be "applying" in the experimental situation can be selected according to

various recognized criteria of achievement: for example, long, meritorious service, authority and responsibility in the organization including salary and number of employees supervised; productivity, a willingness to put the firm's best interest first (overtime work, relinquishing vacation time, etc.); excellent attendance record, and so forth.

It may not be practical to attempt to obtain handwriting samples of persons who have failed in positions for which they would be "applying." The purpose will be served by obtaining applications from persons unfit by virtue of misconduct, low production, chronic absenteeism, unsatisfactory interpersonal relationships, and the like. In addition to these criteria, the "undesirable" population should contain instances of unwanted behavior established by conviction in a court of law. This would require the cooperation of a penal institution, and the examples thus obtained should reflect offender--preferable repeated offenses--of embezzlement, forgery, larceny, destruction of property, and sexual deviation.

To a lesser degree, instances of organic or functional disturbances can be included among the "undesirables." These should be restricted to heart disease, speech impairment, Parkinson's disease and possibly arthritis, and should be used sparingly and selectively. Three of the seven handwriting analysts who will be recommended for participation in the experiment have concerned themselves with the relationship of handwriting to organic illnesses: this is not personality projection, but a preoccupation with essentially physiological or motoric components of handwriting. It seems possible to test some of these claims with little additional cost.

One of the most common claims of graphologists concerns their ability to detect serious emotional disturbances by inspection of handwriting. Minimal use of the

handwriting of mentally ill persons seems advisable, provided legible samples showing at least moderate speed and energy in the execution can be obtained.

Matching and Sorting Tests. The possibility of evaluating handwriting analysis by sorting and matching tests should not be discounted entirely. It seems advisable to accumulate a file of handwriting specimens drawn from the [redacted] B/I

[redacted] Extensive background and testing data are already available on this group, and the use of specimens written in [redacted] would have F the further advantage of denying the graphologist content clues. Samples can be obtained by --

1. Drafting a routine letter to the [redacted] F Informants inquiring <sup>about</sup> their health and well-being and inviting comment on their life in [redacted] F
2. Initiating correspondence requesting their participation in the proposed follow-up study of [redacted] F
3. Directing the interviewer in the follow-up study to obtain one written statement from each informant interviewed.

The Graphologists. The Society's inquiry into handwriting analysis reveals that the applied graphologist, practicing handwriting analysis as a profession, usually has no formal training in psychology and <sup>he</sup> possesses only a popular or folk know- ledge of personality structure. The [redacted] graphologist is usually trained in F

simple nomenclature which assigns fixed meanings to handwriting elements, and these are rigidly related to personality traits that are often vague and ill-defined.

Among graphologists who come from [redacted] there is a better understanding of psychology and they often receive a few clinic courses from [redacted] <sup>most</sup> therefore, at least F possess a partial understanding of psychological terms and general theories of personality.

It is from this group that the claims for graphology seem sufficiently impressive to justify experimentation.

C/F Among the [redacted] handwriting analysts, four are recommended for participation in [redacted] sponsored experiments: [redacted]

C/F  
C/F

Based on personal interviews, review of published works, and the general regard for them by fellow-graphologists and experimental psychologists, these handwriting analysts appear to have as high qualifications as any in the ranks of [redacted] applied graphology.

C/F

C Among [redacted] handwriting analysts, three are singled out for possible testing: [redacted]

C/B  
C/B  
C/B  
C/B

The Handwriting Specimen. Although the requirements for a sample suitable for analysis varies from graphologist to graphologist, there are certain minimum standards about which there is general agreement. The sample must be written in ink, on unlined (14 1/2) x 22 in. sheets, though the size of the paper is not a rigid requirement. There is a decided preference among graphologists for samples written with conventional penpoint, but other ballpoint or conventional pen samples are acceptable. The specimen must have been freshly written, with no foreknowledge by the writer that his hand is to be analyzed (except on the original specimen, not a photostatic copy). In every case, the graphologist will insist on knowing the sex and approximate age of the writer.

Acceptable samples extend from one-half page to several pages. It is estimated

that at least 30 samples will be needed, and as many of these as possible should be two or three pages in length, with accompanying signatures. Each page of the longer samples can be used as a separate specimen, thus permitting a test of the graphologist's consistency by obtaining two or three analyses of the same writing over an extended period. As a practical consideration in testing business applications of graphology, it should be borne in mind that the employer who applies to a graphologist has a vested interest in competent analyses, and is therefore likely to submit long samples if the graphologist insists.

There are certain content clues that are always available to the handwriting analyst, provided the sample is in a language he can read. The writer's selection of words and his syntax may very well provide rough indices of his intelligence. Because the subject of the samples need not deal with the position for which the individual is "applying," or to which he is being promoted, there is reason to believe that judicious selection can hold content clues to an acceptable minimum.

Although the quality of the samples obtained from [redacted] informants must be left to chance, the informants should in all cases be encouraged to respond in

C/F

[redacted] Some control is possible where the interviewer obtains the sample. He should provide the same pen (no ballpoint) and the same quality of unlined white paper for each specimen.

C/F

[redacted]

Technical Center

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INVOICE CHECK LIST

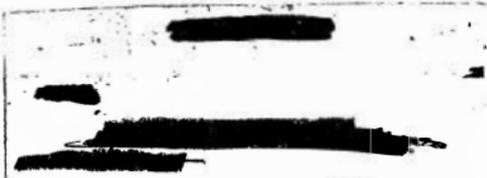
MOULERA Subproject 83

Date of Original Authorization	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
24 Apr 58	1 yr		8-250276-00	25,000.00

Additional Authorizations	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
#2			9-232-2592	8,000.00
#3			9-232-75-924	35,000.00

Invoice No.	Date	Amount	Balance
#1	17 Apr 58	15,965.99	9,332.11
#2	26 Apr 58	9,332.11	0
#2	29 Dec 58	8,000.00	0
#3	9 Apr 59	35,000.00	0

REMARKS: \_\_\_\_\_  
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N/A

Support editorial  
& technical survey activities of



Satisfactory

NA

