


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
\$ 21,951.86

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
statement.



Date: 9/24/60

Sept. 19, 1960

Graphology Expenses
July 1959 through August 1960

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

Total Expenditures \$7,907.82

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.

*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 foregoing expenditures.

9/16/60

A

Do you want stamp on

this?

Reid yearly
acting as

No

only on year 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	

X

85-6 #2

December 28, 1959

C/F [REDACTED]

C/F Dear [REDACTED] B

The Board of Directors of the [REDACTED] has approved your C/F
proposal for a new scientific graphological Review [REDACTED]
C/F [REDACTED] 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] B

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] C
Executive Secretary

December 11, 1959

Memorandum to: [redacted] A

From: [redacted] C

Subject: [redacted] C/F

Graphological Review

Enclosed is a proposal from the above named [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 community and B. It achieves this relationship at a very modest cost on a participating basis. F

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 by [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] 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. 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

Date: May 21, 1959 C

83-9

2131

9-2502-75-962

F3

0 APR 1959

12 MAY 1959

Unit # 3

25,000.00

25,000.00

Income #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.


Chief
TSS/Chemical Division

Approved for Obligation
of Funds:

Research Director

I CERTIFY THAT FUNDS ARE AVAILABLE
OBLIGATION REFERENCE No. 2137
CHARGE TO ALLOTMENT No. 9-2502-75-902
AUTHORIZING OFFICER

Date: _____

Distribution
Orig & 2 - Addressee
1 - TSS/FASB



83-11

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

I CERTIFY THAT FUNDS ARE AVAILABLE

DELEGATION REFERENCE NO. 1137

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

AUTHORIZING OFFICER

12 MAY 1959

[redacted] E
CHECK # 1137 IN THE AMOUNT OF \$25,000.00
RECEIVED. 21 MAY 1959

[redacted] A

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: _____

[REDACTED]

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] C
[REDACTED] is assigned to the [REDACTED] B
B [REDACTED] and is covered as an employee of the [REDACTED] During B
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.

C 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.) B

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

[REDACTED]

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: 4 Dec 3 - 1959

Distribution:
Original only

[REDACTED]

83
83-13

May 12, 1959

Memorandum to  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.

83-14

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	\$21,388.29

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

Supplement received for Special Trial Tests	\$ 8,000.00
---	-------------

3/24/59

A

C

RECEIPT

I hereby acknowledge receipt of the following:

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

Date: January 26, 1959 C

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

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 [redacted] and made payable to the [redacted] 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.

[redacted] A
Acting Chief
TSS/Chemical Division

Attachments:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee

✓ 1 - TSS/FASB [redacted]

I CERTIFY THAT THE ABOVE INVINGMENT
OBLIGATION HAS
CHARGE TO ALLOTTMENT

1422
9-2502-75-912

ACTING OFFICER

CHECK # 89-359222 IN THE AMOUNT OF \$8000.00
RECEIVED. 21 JAN 1959

21 Jan 59

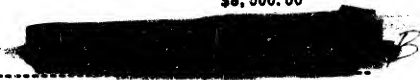
83-16



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

16 December 1958


Bf/6596

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.


Chief
TSS/Chemical Division

Approved for Obligation
of Funds:

Original signed by


for
Research Director

Date: _____

Distribution:

Orig & 2 - Addressee
1 - TSS/FASB

23 DEC 1958
1422
9-2502-75-402
OFFICIAL

83-18

18 Dec 1958

N/A

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

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 C of his survey of handwriting analysis. The attached supplementary budget includes estimated fees for graphologists and administration costs associated only with this research phase.

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]

83-19

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

A
TSS/Chemical Division


Approved for Obligation of Funds:

A
for Research Director

Date: 12/18/58

Attached:
Proposed Budget

Distribution:
Original only



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

83-20

CERTIFICATION

(3) It is hereby certified that the program under subproject ³⁹57 ⁶⁷ has been satisfactorily completed. It is requested, therefore, that \$9,034.11 on invoice #1 of subproject ³⁹83 be credited to subproject ³⁹57. This credit represents the return of unused funds of subproject ³⁹57 originally charged to Allotment 6-2502-10-001, MOR .

Chief, TSS/Chemical Division

Date:

Research Director

Date:

83-21

RECEIPT

Receipt is hereby acknowledged for [REDACTED] Check No. FE12617,
dated June 25, 1958, drawn on the [REDACTED]

[REDACTED] in the amount of \$15,965.89, payable to the [REDACTED]
[REDACTED]

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 8-2502-10-601.


Chief
TSS/Chemical Division

**APPROVED FOR OBLIGATION
OF FUNDS:**

Original signed by


Research Director

Date: 24 April 1958

Distribution:

Orig & 2 - Addressee

1 - TSS/FASB

1 CONTINUED FROM PREVIOUS PAGE
CL. 100-100000
F-10500-10-1001
26-11



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] A
Chief
TSS/Chemical Division

Attachments:
Invoice & Certifications

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

1 COPY FOR THE [redacted]
ORIGINAL
5644
F-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 83, Invoice No. 1.
Allotment 8-2503-10-001

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

CHECK NO. 1207
RECEIVED IN THE AMOUNT OF \$15,965.89

Distribution:
Orig & 2 - Addressee

19 June 58 [redacted] A

Dr 288 002644 600.1 2502-10-001 17.2 \$25,000.00
Cr 236 001674 600.1 2502-10-001 17.2 9,134.11
Cr Cash 15,965.89

[redacted] 23 June 58 A

DRAFT [REDACTED] A
18 April 1958

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] is 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. During 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 handwriting 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 handwriting analysis, both American and European, and has prepared a readable, accurate and informative document that can be made available to [REDACTED]

[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.)
- [REDACTED]

- 3 -

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

C 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. B

6. The total cost of this subproject will be \$25,000.00 for a period of one year beginning 1 May 1958. Charges should be made against Allotment 8-2502-10-001.

C 7. [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: 136 24-10-58

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

[REDACTED]

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 indicators 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 active methods. The graphologist prepares personality sketches from blind analyses 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 smacking 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 extends 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 ^{so} 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 material 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. Usual use of this

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/F

[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 ^{about} 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 ^{he} possesses only a popular or folk knowledge of personality structure. The [REDACTED] graphologist is usually trained in F simple characterology 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 psychology, and a few obtain degrees from [REDACTED] ^{most} universities and have at least F a superficial 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*
[redacted] *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*
[redacted] *C/B*
[redacted] *C/B*
[redacted] *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 (14/24) 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 freely written, with no foreknowledge by the writer that his hand is to be analyzed; it must be 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 50 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.

[REDACTED] C
Technical Writer

[REDACTED] C

INVOICE CHECK LIST

MXLERA Subproject 83

Date of Original Authorization	Period Covered	Time Extended To	Allowment Number	Amount of Obligation
24 Apr 58	1 yr		8-250216-00	25,000.00

Additional Authorizations	Period Covered	Time Extended To	Allowment Number	Amount of Obligation
#2			9-282175-02	8,000.00
#3			9-282175-02	35,000.00

Invoice No.	Date	Amount	Balance
#1	15 Apr 58	15,965.89	9,232.11
#2	26 Apr 58	9,232.11	0
#3	29 Dec 58	8,000.00	0
#4	2 Apr 59	35,000.00	0

REMARKS: _____

[REDACTED]

N/A

Support editorial
& technical survey activities of

[REDACTED] C

Satisfactory

NA

0 [REDACTED] A