



THE BLACK VAULT

This document was obtained from The Black Vault, an online database of declassified government documents. This particular record is housed in the MKULTRA/Mind Control Collection, a compilation of more than 20,000 pages declassified by the Central Intelligence Agency (CIA).

The entire collection is free to download and online at:

<http://mkultra.theblackvault.com>

1-90-1

INVOICE CHECK LIST

PHLESA Subproject 90

Date of Original Authorization	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
<u>1 Dec. 1958</u>	<u>1 yr.</u>		<u>9-2523-75-90</u>	<u>\$ 12,000.00</u>

Additional Authorizations	Period Covered	Time Extended To	Allotment Number	Amount of Obligation

Invoice Number	Date	Amount	Balance
<u># 1</u>	<u>10 Dec 58</u>	<u>12,000.00</u>	<u>— 0 —</u>

REMARKS:

90-2

November 18, 1960

Accounting of [redacted] C

Total amount received: \$9,500.00

Disbursements:

Fellowship, 10 mos. Nov. 1, 1958/Aug. 31, 1959 \$6,500.00

Secretarial and clerical 1,455.99

Travel Expenses 313.32

Misc. office supplies and research materials 500.37

Telephone toll calls 15.35

Service charges - bank 18.33

Total disbursements to date \$8,803.36 8,803.36

Balance held on hand for future expenses \$ 696.64

This is a true statement of expenses as reported to us.

[redacted] C

Prepared by: [redacted] C

I have examined and approved the submitted expenditures.

[redacted] A
Chief
TSS/Chemical Division

Date: 11/30/60

90-3

September 19, 1960

Mr. [redacted] C B
Dear [redacted] C

It has been one year since the final payment of your grant in the amount of \$9,500.00. At that time, you had agreed to provide a final report. Subsequent to that time, I verbally authorized two delays in the submission of the report, the last of which was to be May 15 of this year. To date we have received no report.

As is required of non-profit funding institutions in [redacted] state, I formally request both an accounting of the funds received and the report agreed upon in our initial arrangements for the grant.

I feel that it is fitting for me to emphasize that your delinquency in reporting may be detrimental in that the Board of Directors and the scientific advisers of the Society have been informed of your schedule for reporting in previous meetings and must, of course, be given a progress report at our next meeting scheduled for early November. I would urge you to consider the consequences of further delay.

Sincerely yours,

[redacted signature] C
Executive Secretary

JLM:eb

90-4

September 1, 1959

Mr. [REDACTED]

Dear Mr. [REDACTED]

Enclosed please find the [REDACTED] check in the amount of \$2,375.00 which represents the final payment on the grant given to you for the study of science in the [REDACTED]

Sincerely,

[REDACTED]
Assistant Treasurer

Enclosure

90-5

XXXXX 1-8666

March 2, 1959

Mr. [REDACTED]

C

B

Dear Mr. [REDACTED]

C

B

Enclosed please find the [REDACTED] check in the amount of \$2,375.00 which represents the second quarterly payment on the grant given to you for the study of science in the [REDACTED]

F

Sincerely,

[REDACTED]
Executive Secretary

C

[REDACTED] C

Enc.

90-6

November 17, 1958

Mr. [Redacted]

C

B

Dear Mr. [Redacted]

C

Attached is our check in the amount of \$2,375.00 which is the first of four payments of a grant from the [Redacted] for the completion of your study of science in the [Redacted]

B

It is acknowledged that \$3,000.00 of the total grant of \$9,500.00 is designated as compensation for stenographic and clerical assistance. The [Redacted] Board has recommended that additional funds in the amount of \$2,500.00 for travel and compensation of consultants be made available upon your request at a later date after your plan for research has been further defined, these funds to be administered by the [Redacted] staff under terms designated by the Executive Secretary.

B

B

The only condition that applies in the utilization of this grant is that any technical reports or papers which grow out of the study supported under this grant shall contain the following notice: "This study was supported in part by a grant from the [Redacted]"

B

The Board of Directors joins me in congratulating you upon receipt of this grant. We are pleased to be able to facilitate work of an important nature to be accomplished by young Americans of great potential.

Sincerely yours,

[Redacted Signature]

M. D.

C

Vice President

Enc: 1

C

90-1

10 December 1958

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA, Subproject No. 90, Invoice #1
Allotment 9-2502-75-902

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

Cashier's check in the amount of \$12,000.00, payable to the [REDACTED] B

2. Please forward the check to Chief, TSS/Chemical Division through TSS/Budget Officer by Wednesday, 17 December 1958

2. 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
Acting Chief
TSS/Chemical Division

Attachments:
Invoice & Certifications

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

I CERTIFY THAT FUNDS ARE AVAILABLE: 15 DEC 1958
OBLIGATION NO. 1261
CHARGE TO ALLOTMENT NO. 9-2502-15-402

ACTING CHIEF

CHECK NO. [REDACTED] AMOUNT OF \$12,000.00
RECEIVED [REDACTED] C

90-8


18 November 1958

MEMORANDUM FOR: COMPTROLLER


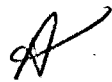
ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject No. 90

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 90 has been approved and \$12,000.00 of the over-all MKULTRA project funds has been obligated to cover the subproject's expenses. This obligation of funds 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 NUMBER: 1261
CHECKED TO ALLOTMENT: 9-2502-75-902
APPROVING OFFICER

Date: _____

Distribution:
Orig & 2 - Addressee

- TSS/FASB

RECEIPT

I hereby acknowledge receipt of the following:

Treasurer's Check No. [REDACTED] in the amount of \$12,000.00, dated
December 18, 1958, drawn on the [REDACTED]
[REDACTED] payable to the [REDACTED]

E
E
B

90-8

Date: _____

90

9

90-8

90-9

10 December 1958

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA, Subproject No. 90, Invoice #1
Allotment 9-2502-75-902

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

Cashier's check in the amount of \$12,000.00, payable to the [REDACTED] B

2. Please forward the check to Chief, TSS/Chemical Division through TSS/Budget Officer by Wednesday, 17 December 1958

2. 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]
Acting Chief
TSS/Chemical Division A

Attachments:
Invoice & Certifications

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

TSS/ [REDACTED] (10 Dec 1958) A

90-9

INVOICE

For Services

\$12,000.00



B

CERTIFICATIONS

(1) It is hereby certified that this is Invoice #1 applying to Subproject 90 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 90 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: _____

98-10


18 November 1958

MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject No. 90

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 90 has been approved and \$12,000.00 of the over-all MKULTRA project funds has been obligated to cover the subproject's expenses. This obligation of funds should be charged to Allotment 9-2502-75-902.


Chief
TSS/Chemical Division

A

Approved for Obligation of Funds:

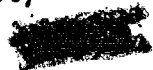
Research Director

Date: _____

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

TSS/  (18 Nov 1958)

A



90-11

TO [REDACTED]

1. Date of Submission: N/A

2. Purpose of Project: "A Study of the
Scientist in the [REDACTED] by F
[REDACTED] B

3. Promptness of Report: Satisfactory

4. Submission Date: 1 November 1959

5. Project History: [REDACTED] A

6. [REDACTED]

7. [REDACTED] H

[REDACTED]

TOP SECRET

90-11

TOP SECRET

90-12
A

DRAFT / [REDACTED]
18 November 1958

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject 90

1. The title of this project is "A Study of the Scientist in the

[REDACTED] The purposes of this project are (a) to produce a
descriptive model of [REDACTED] Scientists who are likely to come into
contact with Americans, and (b) to specify methods and strategies
for evaluating and influencing such scientists. The project is under-
taken in response to requirements for research support from Chief,

[REDACTED] (attached) and from the Deputy Chief, [REDACTED] Staff for
training materials.

2. Mr. [REDACTED] currently associated with [REDACTED]

[REDACTED] has submitted to the [REDACTED]
[REDACTED] a proposal (attached) for research which will satisfy
these requirements.

3. A grant from the [REDACTED] for the [REDACTED]

will be made to Mr. [REDACTED] as an independent investigator. Cover for
the grant will be the [REDACTED] interest in the psychological, sociological,
cultural, and political determinants of individuals occupying critical roles
within various societies.

[REDACTED]

90-12

4. Funding and supervision of this project will be handled by the [redacted] in the regular manner. Accounting for the funds expended will be according to the procedures previously established for the [redacted] relative to grants to unwitting agents. Any unused funds remaining at the conclusion of the project will be returned to the Agency. It is not anticipated that any permanent equipment will be acquired during the project. Travel funds will be accounted for in a manner consistent with the established practice of the [redacted]

B

C

D

5. The total cost of this project for a period of one year commencing 1 November 1958 will be \$12,000.00. Charges should be made against Allotment 9-2502-75-902.

[redacted]

Chief
TSS/Chemical Division

A

Approved for Obligation of Funds: _____

[redacted]

for Research Director

A

Date: 12/1/58

Attachment:
Research proposal & Memo from [redacted]

Distribution:
Original Only [redacted]

90-12

Estimated Cost for one year:

Principal investigator's salary	\$ 6,500.
Secretary and clerical	3,000.
Consultants	2,000.
Travel	500.
Total	<u>\$12,000.</u>

UNCLASSIFIED

INTERNAL ONLY

CONFIDENTIAL

90-13
 SECRET

ROUTING AND RECORD SHEET

SUBJECT: (Optional)
Request for Research Support

FROM: [Redacted] Rm [Redacted] Ext [Redacted]

NO. SR/6-58-541
DATE 17 September 1958

TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
	RECEIVED	FORWARDED		
1. [Redacted] <i>JA</i>	17 SEP 1958		[Redacted] <i>JA</i>	
2. [Redacted]			[Redacted]	
3. C/ChemDiv/TSS	9/19		[Redacted] <i>A</i>	Attn: Mr. [Redacted] <i>A</i>
4. [Redacted]				
5. TSS / CD / III				
6. [Redacted]				
7. [Redacted]				
8. [Redacted]				
9. [Redacted]				
10. [Redacted]				
11. [Redacted]				
12. [Redacted]				
13. [Redacted]				
14. [Redacted]				
15. [Redacted]				

8676

SECRET

CONFIDENTIAL

INTERNAL USE ONLY

UNCLASSIFIED

98-14

SR/6-58-541

17 September 1958

MEMORANDUM FOR: Chief, Chemical Division, TSS

ATTENTION : Mr. [REDACTED]

A

SUBJECT : Requirement for Research Support

1. In accordance with our several oral discussions, herewith requests that your office undertake the following research projects. It is immaterial whether these are undertaken solely within the Agency or appropriately cleared consultant sources are utilized.

2. a. Given a model or prototype of [REDACTED] citizen, in accordance with certain specifications, it is desired that guidance be provided as regards the most effective way or ways in which repressed and rationalized anti-regime motivations may be aroused or, more properly, re-activated. The "specifications" of this model or prototype are:

F

(1) Age -- 35 to 45 years.

(2) Sex -- male.

(3) Family -- children, possibly in university.

(4) Profession -- scientist.

(5) Status -- a professional "comer."

(6) Political and Ideological Beliefs -- while in youth an idealist, perhaps a [REDACTED] idealist, who became critically disillusioned and disgusted in early twenties. Sought escape and release in profession. As result of family responsibilities and increasing professional prestige and status, has repressed and rationalized his doubts and opposition sentiments. Now prefers to avoid any type of political involvement or perhaps even discussion, due to operation of his internal "security" or anxiety system.

F

[REDACTED]

96-14

b. Given, on the other hand, a model of a [redacted] who is now a member of the so-called "inner emigration," or otherwise meets the criteria of the "alienated" person (as developed by [redacted] what criteria can be developed for spotting and assessing such persons as potential agent recruits, and how should their development be conducted.

F

3. The purpose of the above projects will be to sharpen our sights and methods as respects the spotting, development and recruitment of selected types of [redacted] citizens. It is necessary to provide sharper guidance, and a more sophisticated awareness of certain key criteria, for personnel engaged in recruitment operations against the [redacted]

F

4. It is recognized that you may desire to develop these requirements orally and at length. We will be glad to participate in further discussions and guidance on these requests and provide such assistance as may be necessary.

[redacted]

A

[redacted]

90-15

SUPPLEMENTARY MEMORANDUM

October 27, 1958

To: Dr. [redacted] Executive Secretary The [redacted]

From: [redacted]

Re: A [redacted] (Additional Notes on Questions Raised in Our Conversation of October 23)

I. Relationship of the [redacted] interview project to the proposed study.

The proposed project is a new conception, and not only was not contemplated but also was not possible within the limits of the [redacted] project. In the course of that study much important material was collected which could not be used directly in carrying out the mandate of the Foundation, and which could not yield its value if it were to be used in isolation. In combination with other resources, however, the otherwise hard-to-systematize insights gleaned from the interviews can support an illuminating analysis and description. A portrayal of the scientist in [redacted] society, using a role-model analytic scheme and a broad ecological orientation, goes far beyond the [redacted] purposes; the interviews alone could not form a sufficient basis for such a portrayal, though they contain data indispensable to the investigation.

90-15

The [redacted] project was conceived as "a study in international communication" which would have a "service function" for the scientific community. (Letter from [redacted] to [redacted] CB)

The main objectives were 1) "to systematize the information and impressions which ... American (and [redacted] scientists bring back with them both about [redacted] scientific achievement and about the social and political environment in [redacted] which makes this possible, " and 2) "to disseminate information on the experiences of scientific travelers among the wider scientific community in this country." (Letter from [redacted] to [redacted] F F F)

[redacted] Subsidiary objectives were to "form a fuller estimate of the position of the sciences in the [redacted] and to gather material (both from and about our panel) which would be helpful in maximizing the values from the exchange and translation programs. F

Thus the report to the [redacted] will begin by describing our interview group in detail and analyzing their evaluation of the level of work in [redacted] science, distinguishing among various specialties and times of visits. Then it will report on observations concerning the institutional structure of [redacted] research and development facilities, and it will conclude with a consideration of the communications aspects of the visits, with emphasis on implications for future exchanges of scientists and translations of scientific information. F F

II. The Interview

The material collected necessarily extends beyond this report, however. Our interview procedure was to begin by explaining

90-15

our interests and asking the informant to comment on whatever in the general areas seemed most significant to him. Then it was found possible, by probing with caution, to touch on all our areas of interest without tending to limit the respondent to routine categories or stereotyped replies. In this way we obtained not only a large body of internally reliable data amenable to internal comparisons, but a wealth of relatively idiosyncratic insights, anecdotes, and comments which were highly suggestive and wide ranging.

The following list of questions is suggestive but not exhaustive of the topics we covered consistently. (It is copied from the "conclusion" section of a long early memorandum in which I listed in some detail questions we hoped to learn more about.)

1. What about your visit struck you as most noteworthy or interesting?
2. What is your evaluation of the level of work in [redacted] science in your field? F
 - a. What were your opportunities to observe?
 1. Your itinerary?
 2. Your specialities?
 - b. Comparison with the U.S.?
 1. Comparison with other countries known to you?
3. How would you account for the present level of [redacted] science? What factors (social or other) affect science, in general? In this instance? F
4. At what points do you think it makes a difference to the [redacted] scientist that his society is what it is? F
 - a. What are the salient aspects of [redacted] society? F
 - b. Comparisons with American situation and with that in other kinds of societies?
5. What factors do you think really determine the choice of research problems in [redacted] science? F

90-15

(Role of administration; basic vs. applied; theory and experiments; informal or de facto table of organization; organization of labs in terms of authority, etc.; channels of recognition, publication, etc.)

- 6. What kinds of people are most productive in [redacted] science? Why? (Socio-economic recruitment; training; posture with respect to regime and ideology, factors making for productivity in science.) F
- 7. What were your conversations with [redacted] scientists like? How were your conversations different than they might have been if these scientists had been their counterparts in another country? (U.S., neutralist?) F
- 8. What kind of information do you wish you had had before you went, or did you find most valuable to have had?
- 9. Since your return, with what sorts of people have you talked about [redacted] science? What were they interested in? What did they miss inquiring about? Were any of your statements subjected to distortion, e.g., in the press? Why do you think this happened? (Systematic factors, such as popular fallacy or stereotypes?) F
- 10. What recommendations have you concerning future exchanges? Who should be sent? How can the value of such exchanges be maximized? Risk minimized?
- 11. What do you think should be done about the problems of exchange of scientific information? (Science and values: freedom of communication; security systems; social consequences of science; responsibility of scientists for policy; science and economics, and welfare, and nationalism, and war and peace?)

In addition to these topics we collected personal data on each respondent, including such things as his command of languages and his travel experiences, as well as the kind of biographical information ordinarily supplied from Who's Who and American Men of Science. We also summarized all his published statements on relevant topics, using the NY Times Index and the Readers Guide to Periodicals, in addition to our general collection of articles, diaries, and unpublished reports, which I mentioned in my earlier note.

This collection of material can be utilized as a contributory resource for a number of inquiries which range beyond the immediate purpose for which they were collected. Thus there are tentative plans at the Center to re-examine this material in connection with studies of the attitudes of American scientists on crucial problems of contemporary policy, and as a part of a minute examination of [REDACTED] strengths in research and development it is planned to cull from the interviews specific references to personnel and installations which may serve as an adjunct to the "hard" information gathered from other sources. F

In summary, the proposed project would subject the [REDACTED] data to re-analysis in terms of a specific question which would be difficult to answer without this unique kind of data from direct and expert observation, but which would be equally difficult to deal with from these data alone. It takes advantage of existing files while gathering new material into a quite different mode of analysis. B

III. Relationship of the proposed study to the [REDACTED]

[REDACTED]

B

The second question you raised was whether the advantages of carrying out the project within the Center would be worth the additional expense. I believe the larger investment would be well justified, especially because of the unique opportunities for sharing of material and cross-

90-15

fertilization of ideas which exist here. In particular, the Center members with whom I would work most closely are engaged in the following studies: a series of cross-national comparisons of elite groups [redacted], studies in the inter-relations of science and policy [redacted], a comprehensive and detailed assessment of [redacted] research and development efforts [redacted] a sociological study of [redacted] professional education, particularly as a factor in social change [redacted], and a study of the process of coercive persuasion in [redacted] countries [redacted].

Furthermore, to be affiliated with a very well-known institution such as [redacted] would facilitate obtaining further interviews on such a potentially delicate subject, and with certain hard-to-get-hold-of respondents. There are many other ways, of course, in which a research organization is helpful.

C

C

F

C

F

F

F C

B

Valuable as it would be for this project to be a part of the Center's program, it is not indispensable to a worthwhile result. I may use my data in any case, and my personal relationships with the people here would keep me in touch with their work. But I do believe that, if circumstances permit, it would be advisable (though not absolutely necessary) to carry out the study in the manner proposed.

18 November 1958

MEMORANDUM FOR: THE RECORD

SUBJECT : A Study of the Scientist in the [REDACTED]

1. The attached proposal originally envisioned supporting this project through the [REDACTED] with which organization the investigator is presently associated. In subsequent conferences the investigator agreed that many of the advantages of association with [REDACTED] could be obtained without the formal arrangement and excessive overhead payments. The grant is therefore made to Mr. [REDACTED] as an independent investigator. The revised Estimate of Costs for one year therefore is:

Investigator's salary	\$6,500.
Secretary and Clerical Assistance	3,000.
Consultants	2,000.
Travel	500.
	<hr/>
Total	\$12,000.

2. Payments to the investigator for salary and secretarial-clerical expenses will be made quarterly. The final installment payable upon delivery of an acceptable final report. Travel and commitments for paid consultations must be authorized by the [REDACTED] in advance of obligations.

3. Supervision for administrative purposes will be provided by the Executive Secretary of the [REDACTED]. Technical supervision will be provided directly by Dr. [REDACTED] consultant to the [REDACTED] and indirectly by Dr. [REDACTED] Staff, who has arranged plausible cover arrangements with Dr. [REDACTED]

4. The principal investigator is not witting of Agency interest, but with an eye to future potential utilization of this individual a covert clearance has been requested.

[REDACTED]
TSS/CD/III

Distribution:

Orig & 2 - TSS/CD

90-17

18 November 1958

MEMORANDUM FOR: THE RECORD

SUBJECT : A Study of the Scientist in the [REDACTED] F

1. The attached proposal originally envisioned supporting this project through the [REDACTED] with which organization the investigator is presently associated. In subsequent conferences the investigator agreed that many of the advantages of association with [REDACTED] could be obtained without the formal arrangement and excessive overhead payments. The grant is therefore made to Mr. [REDACTED] as an independent investigator. The revised Estimate of Costs for one year therefore is: B C

Investigator's salary	\$6,500.
Secretary and Clerical Assistance	3,000.
Consultants	2,000.
Travel	500.
	<hr/>
Total	\$12,000.

2. Payments to the investigator for salary and secretarial-clerical expenses will be made quarterly. The final installment payable upon delivery of an acceptable final report. Travel and commitments for paid consultations must be authorized by the [REDACTED] in advance of obligations. B

3. Supervision for administrative purposes will be provided by the Executive Secretary of the [REDACTED]. Technical supervision will be provided directly by Dr. [REDACTED] Consultant to the [REDACTED] and indirectly by Dr. [REDACTED] Staff, who has arranged plausible cover arrangements with Dr. [REDACTED]. B C D

4. The principal investigator is not witting of Agency interest, but with an eye to future potential utilization of this individual a covert clearance has been requested.

[REDACTED] TSS/CD/III A

Distribution:
Orig & 2 - TSS/CD

[REDACTED]

MEMORANDUM

October 11, 1958

90-18

TO: Dr. [REDACTED] C
Executive Secretary
The [REDACTED] B

FROM: [REDACTED] C B

RE: A Study of the Scientist in the [REDACTED]

I. Purpose of the Study

Much attention has been given to [REDACTED] scientists by Western observers, especially since the recent [REDACTED] successes in dramatizing their growing capacities for working at a very high level of proficiency. Our scholarly efforts have gone towards describing the level of [REDACTED] attainment in various fields of science, the details of the educational system from which [REDACTED] scientists are drawn, and the formal structure of the [REDACTED] of [REDACTED] and the related research institutes and universities through which scientific work is administered. Most of the discussion has been concerned with evaluating their technical capacity and especially with assessing its economic, military, and political implications. Yet our understanding of the functioning of the intellectual worker in the [REDACTED] in the context of those ideological, political, economic, and other social forces which are peculiar to the [REDACTED] (as well as those characteristic of all industrialised societies) remains somewhat vague. For example, the previously widely accepted formula, that science languishes in an environment which limits freedom of inquiry, has now been replaced by the equally truistic and oversimplified slogan, that science flourishes in an environment which rewards it generously. Each of these aphorisms expresses a part of the truth, of course, but it remains to describe in detail the

90-18

interrelations of [redacted] scientists with their social environment. The purpose of this study is to sharpen our picture of the [redacted] scientist in the sociological and psychological aspects of his role in [redacted]

II. Resources for This Study

Such a portrait should not only synthesize the relevant material from the literature of the various applicable disciplines, but should draw upon direct observation and questioning of [redacted] scientists at work, at home, and in other social situations. The best investigators for this phase would be Western scientists whose professional statuses and interests enable them to communicate most directly with their [redacted] colleagues.

A substantial body of such material has already been collected by Dr. [redacted] and myself, on behalf of the [redacted]. We interviewed more than 100 scientists who had visited the [redacted] to attend scientific meetings, to lecture at the invitation of the [redacted] to visit laboratories and universities, to meet colleagues with whom they had corresponded, to see the country as tourists, or to do all of these. The group was selected as "observers with special qualifications for expert reporting on the sociology of [redacted] sciences," and included men and women from all parts of the United States and [redacted], representing every main field of the physical, biological, and social sciences, including various branches of engineering and technology; our informants ranged from 23 to 74 years old, from Ph.D. candidates to [redacted]. Our typical respondent was American, between 40 and 60, a professor at a large university in a Northeast, North Central, or West Coast metropolis, and a man with an international reputation in one of the sciences. The interviews averaged close to two hours in length, and in most cases were transcribed verbatim from electrical recordings. In addition to the interviews, our informants gave us dozens of detailed, unpublished reports,

F

F

CB

F

F

including a number of hour-by-hour logs of their visits, in which every encounter and observation was noted. This material can serve as a rich source for the study of the [redacted] scientist. F

The proposed study would develop this topic much more intensively than does our report to the [redacted] which is also concerned with several other topics, F such as the pattern of communication of scientific information formed by the visits, and the implications for planning the exchange and translation programs. Furthermore, the proposed study would not be limited to what has been learned by returning Western scientists, as was the [redacted] project, but would utilize B all other appropriate means for studying the [redacted] scientist. F

Such means would include an intensive examination and synthesis of the relevant literature, including work on the social organization of science (e.g. [redacted]), the social and psychological characteristics of scientists (e.g. [redacted]), the contemporary intellectual history of the [redacted] R (e.g. [redacted]), and the current status of [redacted] science (e.g. [redacted] Special CF topics such as the image of the scientist in contemporary [redacted] fiction, F the official pronouncements on science and dialectical materialism, and the public statements of the scientists themselves, should receive attention. A substantial proportion of the available literature on each of these topics has already been studied.

New interviews should be conducted with informants not previously utilized, such as acute students of the [redacted] scene who have not been among the visitors, and emigre [redacted] scientists and scholars. There will soon become available a number of Americans who have spent up to a full year working in [redacted] laboratories, and these exchange students should be interviewed. Attempts should also be made to talk to [redacted] scientists visiting here, though care must be taken to avoid embarrassing them unduly. F

90-18
F

The goal of this project will be to portray [redacted] Scientists in their society. Thus the effort will be primarily to collect and to organize new information and relatively ad hoc insights toward an empirical and empathic sort of understanding. It will be necessary, however, to utilize a conceptual scheme as an aid in forming the descriptive product.

There is always some risk in using abstract formulations; they are good servants but bad masters, and in the worst cases spoil both observation and communication. However, even a project which does not aspire to contribute directly to general theory must build on previous formulations and in so doing put them to test, if results of cumulative as well as topical importance are to be hoped for. Furthermore, the purposes served by conceptual models are not limited to the theoretical, since by providing criteria of relevance and organization models can make empirical inquiry more incisive and description more lucid. Finally, conceptual analysis provides the only systematic way to explore previously unnoticed relationships among the phenomena being described.

An appropriate first step then, would be to develop an analysis of the structure of the social role of the scientist in the [redacted], the patterned strains and conflicts inherent in the role, and the characteristic modes of response to these problems, especially in terms of the belief systems of the [redacted] scientist. This form of analysis could serve first as an interim product and then as a flexible guide for additional investigation and the final monograph. F

A role model, with emphasis on the relation of strains to ideology, is suggestively applied to empirical material by [redacted], et al. in [redacted] et al. vigorously studied some American school superintendents in terms of conflicting role expectations and their resolutions in [redacted]. C H

90-18
C

approach is roughly analogous to that envisioned for this study; ~~_____~~
Methods are generally not feasible for this project but his book provides
an analysis of the concepts involved and extensive citations of the litera-
ture in which they have been discussed. The approach to be used will
build upon such experiences in the application of role theory; the role
model itself will be formed from the interview data already acquired, and
information from the sources listed on page three will be used as context
within which to fit the American scientists' reports. Following this
stage of analysis it should become possible to identify specific areas in
which additional information is needed, and to formulate hypotheses which
can be tested (though perhaps only crudely) by means of new interviews and
inquiries into primary sources.

90-18

III. Administration

This study would be a fully independent project, carried out within the [redacted] where it would enjoy close proximity to on-going research in several related areas. In particular, Center members Dr. [redacted] are conducting research which is complementary to this study and they have agreed to constitute an informal advisory committee throughout the project. [redacted] has also kindly agreed to contribute his active advice and assistance. There are several additional opportunities in the [redacted] area for productive, continuing exchanges with social scientists, [redacted] experts, and natural scientists who are concerned with one or more aspects of this subject matter. None of these opportunities for obtaining valuable consultation, however, would in any way limit the freedom of the investigator and the [redacted] to proceed independently and in accordance with their own best judgment.

B

C

C

F

B

This proposal will be for a ten-month project, from November 1, 1958 to September 1, 1959, and would require the following funds:

Investigator's salary	6,000
Secretary and clerk-typist	3,000
Travel expenses	1,000
ONS indirect expenses	2,000
INI expenses	3,000
	<u>15,000</u>

This memorandum has been informally approved by [redacted] and by the other appropriate [redacted]

C

90-18

members of the Center staff. Signatory [redacted] procedure for project proposals requires the approval of certain Institute officers; when the form bearing their signatures has been sent to the [redacted] this memorandum will become an official application from [redacted]

B

B
B

90-19
18 November 1958

MEMORANDUM FOR: THE RECORD

SUBJECT : A Study of the Scientist in the [REDACTED] A

1. The attached proposal originally envisioned supporting this project through the [REDACTED] B
[REDACTED] with which organization the investigator is presently associated. In subsequent conferences the investigator agreed that many of the advantages of association with [REDACTED] could be obtained without the formal arrangement and excessive overhead payments. The grant is therefore made to [REDACTED] as an independent investigator. The revised Estimate of Costs for one year therefore is: C

Investigator's salary	\$6,500.
Secretary and Clerical Assistance	3,000.
Consultants	2,000.
Travel	500.

Total \$12,000.

2. Payments to the investigator for salary and secretarial-clerical expenses will be made quarterly. The final installment payable upon delivery of an acceptable final report. Travel and commitments for paid consultations must be authorized by the [REDACTED] in advance of obligations. B

3. Supervision for administrative purposes will be provided by the Executive Secretary of the [REDACTED]. Technical supervision will be provided directly by Dr. [REDACTED] consultant to the [REDACTED] and indirectly by Dr. [REDACTED] Staff, who has arranged plausible cover arrangements with Dr. [REDACTED] B
C B

4. The principal investigator is not witting of Agency interest, but with an eye to future potential utilization of this individual a covert clearance has been requested.

[REDACTED] A
TSS/CD/III

Distribution:

Orig & 2 - TSS/CD
[REDACTED]