1155 East 57th Street Chicago 37, Illinois September 21st, 1955

Mr. Cass Canfield Harper & Brothers 49 East 33d Street New York 16, N.Y.

Dear Mr. Canfield:

It was very kind of you to write me about the science fiction stories I am accused of having written.

I doubt if any of them are suitable for Harper's, but I am enclosing two which might interest you. "Grand Central Terminal" which has been privately printed (without my permission) by Fairplay Publishers. The "Mark Gable Foundation" has not been printed as far as I know.

I am also enclosing a third story called "Calling All Stars", which has not been printed either, but I am afraid the point it tries to make is a rather subtle one and will not be appreciated by non-scientists.

Sincerely yours,

Leo Szilard

P. S. enclosed is also a non somme histor pence: Kally and the Bear and my Trial as a new orinning. September 29, 1955

Dear Dr. Szilard:

I was pleased to get your note of September 21st as well as the material you enclosed. I am looking forward to reading it and will be in touch with you in a week or so.

Sincerely yours,

Professor Leo Szilard 1155 East 57th St. Chicago 37, Ill.

Cass Canfield ... RNH

November 19, 1956

Dear John,

You and Betty were very good to see that delegation on Saturday afternoon. We all appreciated your giving us this time over the weekend.

I do feel that the setup proposed by Szilard and Doering is an exciting one that promises great possibilities in various fields. It seems to me that with the interest and leadership of these two first rate scientists there is a chance of impressive progress and important discoveries in various more or less related fields.

After our meeting, Jane and I had dinner with Szilard and Doering and discussed procedure. We agreed that the next step should be for Szilard and Doering to get four or five other top ranking scientists to agree to serve on the proposed board of trustees. With this accomplished, we should be in a position to enlist the interest of non-scientists to the same end. We are inclined to think, too, that any approach to the Ford people should be delayed until the scientific group within the proposed board is established.

Itd be most grateful to you for suggestions regarding non-scientific trustees. In this connection, I believe Szilard is right that we should look for individuals of imagination as well as practical experience - people who would enjoy working together. It is obviously important that the trustees be fired by the idea of another research institute so designed as to ensure arreally fresh creative approach to the birth control problem, the study of anti bodies and research into the effect of diet upon the health of human beings. I am convinced that such an institute might bring about some startling results in these fields.

I thoroughly agree with you as to the importance of finding a "balanced" group of half a dozen people united in having a common interest but not bearing any identifiable tag. Two of the individuals you suggested, Laird Bell and John S. Gooper, are certainly worth serious consideration. Among other possibilities, Roy Larsen and Devereaux Josephs have occurred to me.

You would contribute a lot at this stage by giving thought to the trustee problem and letting me have your suggestions. As Szilard said, the trustees should be picked without particular reference to their wealth or their connections with foundations. In my opinion, probably two-thirds of the non-scientific trustees should live in the New York area, assuming that

November 19, 1956

Mr. Cowles, page 2

the institute were established somewhere in or near this city.

In due course I'll send you a copy of Szilard's memo outlining the general plan.

As ever,

Mr. John Cowles, Sr. 2318 Park Avenue Minneapolis, Minnesota

Cass Canfield..H

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November 19, 1956 Mr. Cowles, page 2 the institute were established somewhere in or near this city. In due course I'll send you a copy of Szilard's memo outlining the general plan. As ever, Mr. John Cowles, Sr. 2318 Park Avenue Minneapolis, Minnesota Cass Canfield..H

November 19, 1956

Mr. Cowles, page 2

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As ever,

Mr. John Cowles, Sr. 2318 Park Avenue Minnespolis, Minnesota

Cass Canfield.. H

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

November 19, 1956

Dear Dr. Szilard,

Enclosed is a copy of a letter to John Cowles which I hope is along the line of your views.

I'll let you know as soon as I hear from him.

Sincerely yours,

Dr. Leo Szilard Quadrangle Club University of Chicago Chicago, Illinois

Cass Canfield..H C.C. to Hotel St. Moritz New York City

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

November 26, 1956

Dear Dr. Szilard:

Enclosed is a copy of a letter just received from John Cowles. Would you phone me me at the office, MU 3-1900, after you've had an opportunity to read it?

I'll see that a copy of Cowles' letter is sent in due course to Bill Doering.

Sincerely yours,

Cass Con (ED)

Dr. Leo Szilard Hotel St. Moritz 50 Central Park South New York, New York

Cass Canfield:clp

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N.Y.

November 28, 1956

Memorandum to: Dr. Leo Szilard

Enclosed is a copy of my reply to John Cowles's letter of November 23rd.

You will note a reference in it to the meeting with Heald, which is self-explanatory. He said he'd be very glad to talk with us and really left it that, while this week was inconvenient, he'd meet at anytime that suited you — when you would be in New York. He added that on the whole, it would be just as well to have the opinions of some other top scientists before the discussion was held.

Cass Canfield

CC:clp

Cop

P.S.

The will with Hot in willing
To Courtes I do not refer to his

refused To serve as a truster- we

way get him yet.

November 28, 1956

Dear John:

Thank you for your letter of November 23rd; I appreciate your having talked to Henry Heald and Rowan Gaither about the Szilard and Doering ideas. I have just called Heald, who said he would be very glad to talk with Szilard, Doering and myself. Because Heald is tied up for the rest of this week while Szilard is in town and because it would seem better to discuss the project with him after Szilard has obtained opinions from a number of other top scientists, the meeting with Heald won't be held for a fortnight or so.

I was much interested in Gaither's comments as reported by yourself. There does seem to be at least some possibility of working out a financial set—up partly on the basis of the suppositions put forward by Gaither.

I appreciate your situation regarding non-scientific trustees and would welcome any further thoughts you may have on the subject.

I am glad that the Szilard, Doering idea is one with some appeal to you and # look forward to the opportunity of consulting you from time to time as to how it should be developed.

As ever,

Mr. John Cowles, Sr. Minneapolis Star & Tribune 425 Portland Avenue Minneapolis 15, Minnesota

Cass Canfield:clp

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

December 10, 1956

Dear Leo:

Enclosed is a draft of the letter I might send to the scientists. Will you look it over and let me know on Thursday what you think of it.

You'll note that I have put Doering's name in parentheses as I'm uncertain whether to include it or not. If so, probably Doering should be identified with a sentence.

Referring to the last paragraph in the draft letter, I would assume that in your communication you would tell the recipients to answer either to yourself or to me.

As ever,

Dr. Leo Szilard Hotel St. Moritz 50 Central Park South New York, New York

Cass Canfield:clp

Dear Dr. Salk:

You will find enclosed with this communique a letter from Dr. Leo Szilard and a memorandum jointly prepared by Dr. William Doering of Yale University and Szilard, describing a scientific project which strikes me, a layman, as both important and promising.

I have for some time been discussing with Szilard and Doering the tentative plans for the development of effective research in the area of fundamental biology and public health. Within recent weeks they have defined their ideas to the point where your comments and criticism would be helpful. Besides, your willingness to cooperate would be important if the project is to take shape and become a going concern.

I have agreed to serve as one of a small number of nonscientific persons who might form part of the Boards of Trustees of the proposed Institutes. It would be a function of these individuals to seek and obtain necessary financial support for the enterprise.

Your reaction to the enclosed material, which also includes an appendix containing some exploratory suggestions by Szilard, will be much appreciated.

Sincerely yours,

Dr. Jonas Salk
Department of Preventive Medicine
The University of Pittsburgh
School of Medicine
Pittsburgh, Pennsylvania

Cass Canfield ... RNH

January 24, 1957

Dear Dr. Lipmann:

Thanks for your letter of January 17th with a copy of your communication of January 21st to Dr. Szilard. I was greatly interested in your perceptive observations about the memorandum prepared by Szilard and Doering.

I agree with you entirely that it would be advisable to try and arrange a meeting of the eminent scientists interested in the above memorandum. Such a meeting would be in the nature of a planning conference.

Sincerely yours,

(Signed) Cass Canfield

Dr. Fritz Lipmann Biochemical Research Laboratory Massachusetts General Hospital Fruit Street Boston 14, Mass.

Cass Canfield ... RNH

cc: Dr. Szilard and Dr. Doering

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

February 4, 1957

Dear Leo:

I've now received responses showing considerable interest in the proposal for two scientific Institutes summarized in the memorandum prepared by you and Doering.

The replies raise a number of interesting questions which, as might be expected, would appear too difficult to resolve by correspondence. Accordingly, in order to make further progress, it seems to me best to act on a suggestion made by Dr. Fritz Lipmann, who writes:

"At the present stage, a planning conference of not too large a size (the number, I feel, should not exceed a dozen or maybe even fewer), in a relaxed and comfortable atmosphere, would be most desirable."

I'm therefore writing you to find out whether you would be prepared to attend a meeting lasting a couple of days, to be held in California. Dr. Harrison Brown has suggested that we meet in Pasadena, where he will have facilities available. I would hope that the meeting could take place within the next month, preferably before the end of February.

If, in principle, you would be willing to attend such a conference, I should appreciate your letting me know as soon as possible the time that would be convenient or, to be more precise, what time intervals are excluded by your present schedule of activities. Naturally, if, as I very much hope, a meeting can be arranged, we will see to it that you will not be put to any expense on account of it.

As ever,

Dr. Leo Szilard
The Enrico Fermi Institute
for Nuclear Studies
University of Chicago
Chicago 37, Illinois

Cass Canfield:clp

P.S. The letter to Lipmann was amended slightly so that it reads that I am acting on his suggestion without quoting him. The same letter as is going to you has been sent to Brown, Pauling, Teller, Muller, Urey and Salk.

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

February 7, 1957

MEMORANDUM to Leo Szilard

from Cass Canfield

I understood you to say a while ago on the phone that I should be aware of the Fleischman Foundation in Texas. Could you give me any information and leads? Jack Fischer, a Texan, has not heard of it, and I wonder whether I may have got mixed up and thought you were referring to the Fleischman in this city.



CC: RNH

February 7, 1957

Dear Henry:

We have now received replies from eminent scientists we have consulted regarding a memorandum prepared by William Doering and Leo Szilard about conducting research in the field of public health. All of these replies have indicated interest and support of the idea. They have come from Linus C. Pauling, Harrison Brown, H. J. Muller, Fritz A. Lipmann and Jonas Salk.

Accordingly, I feel that the time has come when, as suggested by John Cowles, a talk between us would be useful. I would like to have Doering present and also Leo Szilard, who, I am sure, would try and arrange to come to New York for the purpose. What we will have to say will, I think, interest you.

I, therefore, very much hope that even with your busy schedule, you will be able to spare the time for lunch or dinner, preferably the latter. Could you give me some dates that might be possible for you? I imagine that if it is to be lunch, we could not hope to make a date until the week of February 25th. Any day in that week, except Monday, would suit me.

As ever,

Mr. Henry Heald The Ford Foundation 477 Madison Avenue New York, New York

Cass Canfield:clp

HARPER & BROTHERS Publishers Since 1817 49 EAST 33D ST., NEW YORK 16, N.Y. CHAIRMAN OF THE EDITORIAL BOARD

February 7, 1957

Dear Leo:

Enclosed is a copy of a letter to Heald. In it, by the way, I've prevaricated to the extent of saying that we have received a reply from Salk, although it has been only an oral one. Could you get him to put something down in writing, even though it might be very brief, indicating approval? (In due course, I shall prepare and send to you and Doering some sort of summary of replies which we can use with foundations.)

I'm trying to get hold of Mary Lasker, but I'm afraid she is away. As to other trustees, I would be inclined to follow your original idea of going a little slow and consulting Heald on this point.

Ronald Tree also is away -- in the Barbados -- and will not be back, unfortunately, until April 15th. He would be a good approach to Ruth Field, but I do know her quite well and at the present time, perhaps when you're in New York, we might talk to her.

I'm trying to get in touch with Doering to consult him about approaching Warren Weaver.

I'll send you bulletins as to progress in various directions.

As ever,

Dr. Leo Szilard The Enrico Fermi Institute for Nuclear Studies University of Chicago Chicago 37, Illinois

Cass Canfield:clp

P.S. Do you feel we should delay approaching the Rockefeller people until we've talked to Heald? I should think so. I'd appreciate any ideas you have as to which Rockefellers to approach and how. Montgomery Bradley should be able to help me out on this + I have some leads -

A Harrison Branches written our a half with indicating approval.

Copies to:

Dr. Doering Dr. Szilard

February 14, 1957

Dear Ronny:

I think Jane has told you something about the Doering-Szilard project for the creation of two interdependent research institutes operating in the general area of public health. The primary purpose of these institutes would be to make progress in the field of population control.

Although there is a good deal of reading involved, I am sending you herewith the Doering-Szilard memorandum with an appendix, a letter from Szilard sent to various scientists, a letter from myself to the same people and a list of the scientists to whom these communications were addressed. I am sure you will find it worth while to examine these documents which, incidentally, I had quite a hand in preparing as they seem to me extremely interesting.

After you have had an opportunity to read this material, I'd much appreciate your letting me have your opinion of it. We have heard from several of the scientists and, while—as might be expected—each one has certain comments and suggestions, they have reacted favorably.

In a couple of weeks Szilard, Doering and I are having dinner with Henry Heald, the President of the Ford Foundation and a couple of his associates, and I hope that we can make some impression on them. I'd greatly appreciate your advice on what other foundations might be approached and how. Any leads to the Rockefeller Institute people would be particularly helpful.

February 14, 1957

Mr. Ronald Tree - 2.

I think that Ruth Field would be sympathetic to the Doering-Szilard enterprise. Besides, she is a person whom we'd like to have associated with the project, aside from whatever connection she may have with the Field Foundation. So I'd be inclined to send her the Field Foundation, unless for some reason you think this is unwise.

Another point: would Ruth be the person for me to talk to about approaching the Field Foundation?

I wish you were in New York so that at this stage

Szilard, Doering and I could discuss these matters with you. I do apologize for breaking in on your time in the you. I hope you will forgive this and have the opportunity to write me in due course.

As ever,

(Sgd.) Cass

Cass Canfield

Ronald Tree, Esq. Heron Beach St. James Barbados, B.W.I.

Cass Canfield ... RNH

February 12, 1957

Mr. Cass Canfield Harper and Brothers, Publishers 49 East 33rd Street New York City, New York

Dear Cass,

It seems to me we ought to write to <u>everybody</u> including Teller, Urey, Salk and Pauling as soon as possible to say that it was not possible to arrange a meeting for February, and that they will be contacted later concerning the possibility of a later meeting.

I wonder whether you would not want to send a copy of all of the material; i.e. the memorandum, the appendix (and, say, a copy of my initial letter addressed to H. J. Muller) to Niccolo Visconti at the Plaza Hotel, New York City, and ask him to give you (write you) his reaction to the general scheme. We do not want to ask him at this time to participate in any specific capacity.

Concerning the Fleischmann Foundation, the man's name is Julius Fleischmann, Cincinnati; the Foundation is called the Fairfield Foundation. The University office in charge of foundations claims that they used to be called the Fleischmann Foundation and that the address used to be 4001 Carew Tower, Cincinnati 2, Ohio. They are supposed to give away a fairly large sum of money each year out of current donations by Julius Fleischmann rather than on the basis of endowment income, but this information might well be in error. I have a cousin in Cincinnati and perhaps he might know Julius Fleischmann.

On the Marshall Field Foundation, the University believes that persons other than Ruth Field may also exercise considerable influence. One of the Trustees you may know: Herman Dunlap Smith of Chicago, who was a strong supporter of Stevenson in the 1952 elections. I have met him, and at some point further along I could go to see him. On the Rockefeller family, I do not think that any of the brothers would put up any large sum of money. I should certainly try to avoid John D. III because he is already giving large sums each year to the Population Council for birth control studies. Lawrence is undoubtedly the most imaginative of the brothers, but I should not go to him either. The only promising prospect, I believe, is John D. Jr. I do not think, however, that we should approach him until we are firmly entrenched by having organized our Affiliate Members.

At this moment I am not sure that we can, in fact, have a meeting in March of all those concerned. Perhaps all we can do is to talk to them individually and divide somehow the load between me and Doering. I received your telegram today re Dr. Muller and I am calling him this morning to arrange a date with him. This will delay my trip to Denver and, therefore, I would prefer to have no commitments in New York until Tuesday, February 26th. Nevertheless, if it is important because of Heald's schedule, then I would come to New York at any time and, if necessary, fly back from New York to Denver afterwards.

Sincerely,

Leo Szilard

lote: lonfreld FOUNDATION FIELD FOUNDATION, INC. seement Exclusively charitable, scientific and educational ADDRESS 250 Park Avenue New York Chicago address: 135 S. LaSalle St. Chicago 3, Illinois TELEPHONE NO. Plaza 3-8797 DONORS OR INCORPORATORS Marshall Field FICERS AND CONNECTION Marshall Field, President\* (deceuse) Homer Folks, V. P. Barbara Field Boggs, James Prown, IV. Maxwell Hahn, Exec. V. P. & Sec'y (in Ny Marshall Field, Marshall Field, Jr., ADDRESS Carl Weitzel, Treas. Ruth Pruyn Field, Homer Folks, Bettine Graine Heller, Asst. Sec'y. Field Goodall, Agnes O'Neil, Clarence Pickett, Justine W. Polier, Helen Ross ( B. chranalyst Channing Tobias, Louis S. Weiss. Harmon Dunlaps. \* See Individual card for campaign development AREAS SUPPORTED Pediatric psychiatry, Pre-school blind child, race relations, 5 \$50M - \$100M schizophrenia, SSSA case work 6. \$100 000 7 OVER \$1 MILLION TOTAL ASSETS 1951: \$13,982,713 MODE \$ 100M 4 OVER \$1 MILLION 2. \$300M - \$500M 5 OVER SID MILLION . 3. \$500M \$1 MILLION AVERAGE YEARLY GRANTS 1954: \$715,867 4 \$250M \$500M 2. \$50M - \$100M 5 OVER \$500,000 # 1 \$100M \$250M 6 OVER \$1 MILLION CURRENT FIELDS OF INTEREST 14 EDUCATION 27 FELLOWSHIPS 15 ANTHROPOLOGY 28 HIGHER EDUCATION 16 PSYCHOLOGY 29 LIBRARIES & MUSEUMS 17 IND. RELATIONS CENTER 30. RELIGION 0 18 DEMOCRACY & GOVERNMENT 31 UNRESTRICTED 19 FCONOMICS 20. INTERCULTURAL RELATIONS 33 BUILDING AND OR ENDOWMENT 21. ORTHOGENIC SCHOOL 34 Children 22 1 AW 23. SOCIAL SERVICE ADM 24 BUSINESS 37 Campaign prospect 25 ADULT FOUCATION 26 SCHOLARSHIPS DATE ACTION TAKEN (see back of card at bottom) SEE 1954 REPORT ON BOOKSHELF UNIVERSITY OF CHICAGO 

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February 13, 1957

Dear Harrison Brown:

I am sorry to report that while a number of the scientists have shown a desire to hold a conference on the Doering-Szilard memorandum, it seems very difficult to arrange a date before Szilard's and my departure for Europe within a few weeks which would insure a fair attendance.

In this situation Szilard feels, and I agree, that as a next step he, Doering and I should do some preliminary sounding out of the big foundations within the next few weeks. The reactions we get should give us a better basis than we now have for the conference and we would plan to hold it after our return from Europe.

I am most appreciative of the interest you are taking in the project.

Sincerely yours,

Dr. Harrison Brown
Department of Geology
California Institute
of Technology
Pasadena, California

Cass Canfield .... RNH

P.S. I have just received your letter of February 11th. Unfortunately I cannot lunch on February 21st. We could meet on that day at 5:30 at the Century Club for a drink — 7 West 43rd Street.

Copy for Dr. Szilard

February 13, 1957

Dear Dr. Brey:

Thank you for yor note of February 8th to the effect that it would be impossible for you to attend a meeting of scientists in this country to discuss the Doering-Szilard memorandum which was sent to you some weeks ago. I can quite understand why such a long trip is not feasible for you.

Both Szilard and I would be most interested, however, in getting your reaction to the memorandum. Needless to say, your views would be extremely valuable to us. Accordingly I hope you will be able to find the time to send me a reply on this.

Sincerely yours,

Dr. Harold C. Urey The Clarendon Laboratory Parks Road Oxford, England

Cass Canfield ... RNH

(1)

February 13, 1957

Dear Dr. Muller:

It now looks as if it would be difficult to arrange a meeting of the scientists before my departure and that of Szilard for Europe some six weeks from now. And inasmuch as we have received quite a number of encouraging replies from the scientists to the Doering-Szilard memorandum, we are inclined as the next step to do some preliminary sounding out of the leading foundations.

In view of this situation I hope that you will be able to see Szilard in Chicago on February 18th or 19th. He is anxious to have an opportunity to talk to you and I am sure that the meeting would produce some important results.

I am sending a copy of this letter to Szilard and am asking him to get in touch with you.

Sincerely yours.

Dr. H. J. Muller

Repartment of Zoology Indiana University Bloomington, Indiana

Cass Canfield ... RNH

P.S. We have not at all given up the idea of holding a meeting of the scientists but have merely potponed it.

Dr. Doering Dr. Szilard

February 14, 1957

Dear Dr. Salk:

Thank you for your thoughtful and interesting letter of February 3th regarding the Doering-Szilard memorandum.

I am encouraged that you feel there is a great need for an informed group of people to give thought to population control as well as to some related problems in the field of public health. But it is of course disappointing that you don't feel that at the present time you can associate yourself with the project outlined by Doering and Szilard.

I must say that I quite understand your reluctance to become involved even to a limited extent in a scientific project, in view of the tremendous effort you have made in recent years. On the other hand, I do hope we may keep in touch with you from time to time as our project takes shape and let you know how we are getting on.

I hope some time to have the opportunity of talking with you and obtaining the benefit of your wise advice.

Sincerely yours,

(Sgd.) Cass Canfield

Dr. Jonas Salk
Department of Preventive Medicine
University of Pittsburgh
School of Medicine
Pittsburgh, Pa.

Cass Canfield ... RNH

Copies to: Dr. Leo Szilard V

February 14, 1957

Dear Henry:

I'm delighted to know that the evening of March 1st is a satisfactory date for a dinner meeting to discuss the scientific project in which I am greatly interested. It is most gracious of you to suggest that you will take care of the arrangements for the dinner and will probably have one or two of your associates present.

The two scientists who have been most active in the project are Leo Szilard and William Doering, professor of chemistry at Yale. I am asking these gentlemen to accompany me to the dinner and will look forward to hearing from you as to the time and place. In connection with the former, Doering has a lecture at Yale on March 1st and so will not be able to reach the place where we have dinner until 7:30. But if it is more convenient for you to dine before that hour, I know he will understand.

Enclosed are three copies of a memorandum on the project prepared by Doering and Szilard. I trust you may have an opportunity of reading this material, which I believe you will find interesting.

The above memorandum was sent to a number of eminent scientists and we have received from them a number of interested and generally favorable comments which I shall show you when we meet. Replies have been received from such individuals as Harrison Brown (Cal. Tech.), Linus C. Pauling (Cal. Tech.), H. J. Muller (U. of Indiana) and Fritz A. Lipmann of Massachusetts General Hospital.

As ever,

Mr. Henry T. Heald, Pres. The Ford Foundation 477 Madison Avenue New York 22, New York

Cass Canfield:clp

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

February 14, 1957

Dear Leo:

Enclosed is a copy of a letter to Heald. When you come to New York, I'll let you know the time and place of the dinner. And I look forward to having lunch with you on March 1st. Perhaps you'll call me about this when you reach town.

Acknowledging your letter of February 12th, I shall write to all the scientists who received the memorandum (with the exception of Salk) about the postponement of a conference meeting. The letter will be surely to the our saw to the miles of the conference meeting.

I shall send Visconti a copy of all the initial material which went to the scientists.

Thanks for the information about the Fairfield Foundation, which I have noted. Will you let me know in due course what information you get from your cousin in Cincinnati about how to approach Julius Fleischmann?

Thanks, too, for the data on the Marshall Field Foundation. Before proposing any approach to this group, I shall await a reply to my letter to Ronald Tree.

I've also noted what you say about waiting to approach John D. Rocke-feller, Jr. until we have organized our Affiliate Members.

I was glad to see the copy of your letter to Salk. It seems to me you handled him perfectly.

As ever,

Dr. Leo Szilard
The Enrico Fermi Institute
for Nuclear Studies
University of Chicago
Chicago 37, Illinois

Cass Canfield:clp

P\S. The letter I'm sending to the scientists about postponement of the conference meeting is similar to the one I wrote to Harrison Brown, of which Ivsent you copy.

file: Canpreld February 18, 1957 Mr. Cass Canfield Harper and Bros., Publishers 49 East 33rd Street New York City, New York Dear Mr. Canfield: In thinking about where all the money is to come from, I came to the conclusion that perhaps we ought to go about this in a somewhat systematic manner and keep in mind several foundations. (1) Attached is a copy of a letter which I received from my cousin. What shall be the next step? (2) The Gulbenkian Foundation will soon be operating, and they have a capital of about 120 million English pounds. The Director, with offices in Lisbon, is a young and able Englishman, named Sanderson, and we probably ought to contact him as soon as possible before the policies of the Foundation are frozen along the wrong lines. Incidentally, I wonder whether your office could procure a book that gives the latest information on all foundations. It is called Handbook on Foundations, and the author's name is Rich. After we had our meeting with Henry Heald, we could decide about strategy to follow with respect to these other foundations. I fear that I will not be able to stay beyond the weekend of March 2nd on this trip, but perhaps we can get together on Saturday, March 2nd, or at least have a long consultation over the telephone. For your information I am attaching copies of two letters which I received from the National Institutes of Health. I plan to spend at least two weeks in March in Washington, some time between the 7th of March and the end of March, and I could come up to New York as often as is necessary during that interval. This

would be a good time for me to see people if there are any people who need to be seen.

With kind personal regards,

Sincerely,

Leo Szilard

m Encl. CC:

Mrs. Lasker's secretary phoned in the following telephone message from Mrs. Lasker about your letter to her of Feb. 8th.

She doesn't know when she'll be back in N.Y. and isn't yet sure about her plans for Chicago. She will be in Washington D. C. for a couple of days at the end of the month to attend some cancer meetings — but the rest of her plans are indefinite.

She'll let you know as soon as she can when she'll be back here.

Meanwhile she suggests that Dr. Szilard write her. Her address until the end of the monthx is:

NO. 7 Biltmore Estates Phoenix Arizona Szilard

February 8, 1957

Dear Mary:

We have now received a number of interested and approving replies from eminent scientists to whom Leo Szilard and I wrote concerning the plan to establish research in the field of public health, particularly in the area of birth control. So I am anxious that you should talk with Leo Szilard within the next few weeks. I t goes without saying that I should also appreciate this opportunity, but Szilard is the man who has thought most deeply about this project.

I am wondering whether on your way back from the west it might be possible for you to stop over for a day in Chicago where Szilard is now working. Alternatively, he could come to New York, but that might have to be some time off.

It was great fun seeing you at the party last week; I thought you drew out Brewster Jennings magnificently.

As ever,

Mrs. Albert Lasker Beverly Hills Hotel Beverly Hills, California

Cass Canfield ... RNH

file: Confield February 20, 1957 Mr. Cass Canfield 152 East 38th Street New York City, New York Dear Cass, Many thanks for your kind invitation to join Jane and you Saturday night at the theatre. I regret that I am not free Saturday night and, therefore, had to send you the wire which you will find attached. Because, according to the present plans, I am supposed to attend a meeting on March 4th in Columbus. Ohio, I had to crowd a number of appointments into a very few days, and to be on the safe side I have been trying to make the appointments well in advance. Please give my kind regards to Jane. Do you know a Dr. Jack Gershon-Cohn in Philadelphia? He has been dreaming of an institute concentrating on basic biological research with the remote hope of solving the cancer problem. I understand there are about 1-1/2 million dollars, perhaps 2, of which he can dispose, and he is confident that he can raise more. However, this is based on his appraisal of what the Jewish community in Philadelphia might be willing to do - presumably for the sake of the greater glory of the Jewish community of Philadelphia. I do not know Dr. Cohn personally and have this information from a friend of mine whom Dr. Cohn wanted to persuade to head up this institute. Even though the present "premises" are not encouraging, we should perhaps follow up this "lead" on the off chance it might be possible to change the direction of the thinking of this group. Admittedly there is only a slim chance but perhaps they would be

willing to endow the "division for immunology, allergy and cancer" which we might want to set up within the framework of the Research Institute.

Sincerely,

Leo Szilard

m Encl.

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

February 21, 1957

Dear Leo:

Thanks for your letters of February 18th and 20th.

I'll get hold of the <u>Handbook on Foundations</u> and would have obtained it before except that it retails for \$35.00 and, as the office has no real use for it, I'll have to pay for it myself.

The Gulbenkian Foundation sounds promising. We should certainly follow up on Dr. Gershon-Cohn. I'm afraid I don't know him. As to your cousin's acquaintance with Ransohoff, I wonder whether he might sound him out in a preliminary way on the basis of the Memorandum and determine if it would be worthwhile for you or me to see Julius Fleischmann.

The invitations you received from the National Institutes of Health sound interesting and I have noted that you will be spending a couple of weeks in Washington during March.

Looking forward to seeing you.

As ever,

Dr. Leo Szilard
The enrico Fermi Institute
for Nuclear Studies
University of Chicago
Chicago 37, Illinois

Cass Canfield:clp

P.S. I've heard from Mary Lasker, who seems quite uncertain about her plans. She suggests that you write her immediately at No. 7 Biltmore Estates, Phoenix, Arizona. Obviously she's anxious to talk to you and would like to arrange a meeting sometime.

# From Cass Canfield

To beo Sziland -

Den Les Here are soon notes on

a discouraging conversation I

had with Dr. Wein of the Rockepler

Foundation. Apparently be, rether

than Warren Weaver, was the

wan to see there about getting

a small grant for preliminary

Extenses.

Should be discounted to a contain so that because in his wind the Szilard - D - plan rivals that of the R. Insvivate.

or can prepare ourselves for arguments from "Heald or Co-" (Copy to Doering)

0/

Mr. Cass Canfield Harper and Bros., Publishers 49 East 33rd Street New York City, New York

Dear Mr. Canfield:

This will acknowledge receipt of your letter to Professor Szilard, dated February 21st, and your special delivery memorandum dated the 25th, both of which have been received during Dr. Szilard's absence in Denver.

Dr. Szilard will arrive in New York late tomorrow night Wednesday, February 27th, and will be staying at the Plaza Hotel. Your two letters, along with other mail, is being forwarded to him there from here tomorrow noon.

Very truly yours,

Norene Mann (Mrs.) Secretary to Professor Leo Szilard

Me Canfreld March 7, 1957. Dr. H. J. Muller Department of Zoology Indiana University Bloomington, Ind. Dear Dr. Muller, Many thanks for your very kind letter of February 22nd. We spent a long and pleasant evening with Henry Heald and I believe we got across our main point. I also have the impression that the Ford Foundation is moving in the direction towards a decision to operate in the area of science. However, it will take some time before such a decision is likely to be made. If they decide to operate in the area of science, including public health, it still remains to be seen whether our basic tenets will be acceptable to them. I am certain that you are right about Pincus, and that in some form or other we shall have to secure his help and advice if we succeed in setting up the organization which we have discussed. In the meantime, however. I doubt that it would be wise to include him among the proposed affiliate members. There are a number of men who have been active in this field and to whom we must turn for help. We must either take several of them as affiliate members or none of them, and for the moment it seems to me the safer course is to take none of them. Among those of potential affiliate members who have so far expressed a strong interest there seems to be no basic disagreement. There are many important details that would have to be thoroughly discussed, but such a discussion, I believe, can be really useful only when we have greater assurance that somehow the funds will be forthcoming in the near future than we have today.

I trust that Mr. Canfield will keep you informed if there are any new developments which deserve to be mentioned.

With kindest regards,

Sincerely yours,

Leo Szilard

cc: Mr. Cass Canfield Harper & Brothers, Publ. 49 East 33rd Street New York, N.Y.

Feb. 22, 1957

Dr. Leo Szilard The Enrico Fermi Institute for Nuclear Studies The University of Chicago Chicago 37, Ill.

Dear Dr. Szilard:

The Shorelands Hotel proved a very convenient one for me and everything in my Chicago visit and trip back went off smoothly. I want to thank you for having met me at the station and arranged for my stay at the Shorelands.

I feel that I did not make the case for considering Pincus for an Affiliate strong enough. He is rather reserved with strangers, not putting his best foot forward, and you probably did not get a sufficiently favorable impression of him for that reason. He has since the start of his scientific work had an original and unconventional mode of attack that often succeeded in getting unprecedented and important results, and he has had great versatility in successfully attacking a number of radically different fields, biological and biochemical. He was the first one to successfully freeze spermatozoa; that is, he found that human spermatozoa could be quick-frozen and quick-thawed again without losing their motility and, I believe, their fertilizing ability, although he was not able to do this with other species of animals, strange to say. Later, the introduction of glycerol made it possible with the other species also, although the use of glycerol was not his contribution. I believe he was the first to observe fertilization and cleavage up to the implantation stage of mammalian eggs of any kind, including human eggs, in vitro. He also found out what chemical conditions were necessary for allowing them to develop as far as the implantation stage, He went further and successfully implanted embryos at that stage, and obtained viable offspringthereby. He was successful in getting development of the unfertilized egg by a number of diver treatments, and observed that only in the rare cases where chromosome doubling occurred, presumably due to union of the egg nucleus with one of the polar body nuclei, was indefinite development successful. From this, combined with the implantation technique, he got his parthenogenetic rabbits at first. Later, by applying cold through the body wall or through the uterus he was able to get parthenogenesis without removal of the egg. He also developed, independently of and much more successfully than Lindbergh and Carrell means of keeping adult organs of varied kinds, including ovaries, alive outside of the body for a considerable length of time by means of perfusion techniques. He even got the ovary to ovulate outside the body in this way. He also developed a super-ovulation technique for increasing the number of cattle from superior cows.

Of course his work of the past decade or two has been mainly on the 17-ketosteroids, which has been productive and original, but about which I am not competent to speak in detail. But he was the discoverer of the effect of these hormones in stress and the different reactions in psychotic and mentally mormal individuals. He has shown equal originality in the establishment and financing of his own institute when finding himself ostracized by major universities. However, since he has to put up a good front with the business men of the town in order to get these funds, he probably would prefer to limit his researches along the lines of mammalian reproduction that he previously opened up in the work the did bring Chang there however for the work on reproduction.

It might very well be then that he would welcome the chance to get some of these problems attacked at the proposed new institute. Certainly his great knowledge of the group of problems in this field ought to be very valuable. I think therefore that it would be a very good thing if you could sound him out--of course, without committing yourself to having him invited as an Affiliate until you have been able to become convinced one way or another. I do feel strongly that he is the best man in this country that I know of in the field of mammalian reproduction.

HJM:sh

Soud lisch at your meeting in New York!

March 14, 1957

Dear Bill:

Enclosed is a copy of a friendly letter from Clayton which leaves the way open to you. I'll write Hugh Moore as he suggested and will let you and Leo know the upshot of my talk with him.

I shall try and reach you on the phone tomorrow, Friday, afternoon, as I'd like to get your reaction more clearly than I have it now to the Frederick Osborn letter.

A copy of this letter and of the one from Clayton are being sent to Leo.

As ever,

Dr. William Doering Sterling Chemistry Laboratory 225 Prospect Street New Haven, Connecticut

Cass Canfield:clp

March 15, 1957

Dear Hugh:

Will Clayton has suggested that in view of your interest in population control I send you a memorandum relating to the subject by William Doering and Leo Szilard. The latter I am sure you know; William Doering teaches at Yale and received the American Chemical Society's award in Pure Chemistry.

I think that the approach of these two scientists is probably the one calculated to attain the best possible results and I'd like to have a chance to discuss it with you. If you should be in New York within the next couple of weeks perhaps we could meet before I go abroad.

As ever,

Hugh Moore, Esq. Dixie Cup Company Easton, Pa.

Cass Canfield... RNH

March 15, 1957

Dear Mrs. du Pont:

At my wife Jane's suggestion I am sending you the memorandum relating to population control prepared by Leo Szilard and William Doering. It seems to me that the approach of these two scientists is likely to prove the only successful one in finding a solution within a reasonable time. I hope that you may feel inclined to show it to your husband.

Sincerely yours,

Mrs. Reynolds du Pont Greenville Delaware

Cass Canfield ... RNH

March 22, 1957

Dear Ronnie:

I was delighted to get your letter and to learn that you had had the opportunity of reading the Doering-Szilard memorandum. After a good deal of thought and discussion, I am convinced that the approach of these two men is the only one calculated to attain worthwhile results within a reasonable time.

Unfortunately, by the time you return in the middle of April, I shall have gone to Europe on a business trip. I shall get back to the U.S. on May 22nd.

I'm sending to Leo Szilard a copy of your letter of March 15th and I hope there may be an opportunity for you and him to meet during my absence.

We certainly don't want to rush things with Ruth, but would like to enlist her interest even though she might not be able to influence a gift from the Field Foundation. You and I can talk about that later or perhaps you and Szilard.

As ever,

Ronald Tree, Esq. Heron Beach St. James Barbados, B.W.I.

Cass Canfield:clp

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

March 22, 1957

Memorandum to: Leo Szilard

I'm immobilized at 38th Street with a cold which developed magnificently.

Enclosed is a copy of a letter from Tree together with a copy of my reply. Maybe you will want to get in touch with him in my absence and also pull Bill Doering in.

Cass Canfield

CC:clp

Heron Beach St. James Barbados, B.W.I.

15th March, 1957

My dear Cass,

I must apologise for not having answered your letter long ere this. I am afraid that one of the troubles of living in the tropics is that one always puts off until tomorrow the things one should do today.

I read with a great deal of interest the Doering-Szilard memorandum you sent me but I found it was much above my head in the sense that they were talking of what they know and that it was extremely difficult to give any kind of opinion on it. Certainly on the face of/what was proposed is eminently sensible and I would have thought needs to be done.

I also like the idea of the two set-ups which will act in complementary measure to one another without overlapping.

As regards to Ruth, whether this is the right moment to approach her, I am unsure about. She has, I think, a great deal to learn and is doing it as fast as she can, but there have been all kinds of family complications which have not made her path any the easier. In addition to this the Field Foundation for the moment is severely curtailed in its activities owing to its chief asset - the Field Building in Chicago - having to be entirely air conditioned at a cost of more than eight million dollars. In view of all this, I would hesitate about approaching her at this moment unless you have a very good opening. I will be back in New York about the middle of April and on your return from Europe, I suggest we ask her to lunch and have a talk then. This is however a matter on which anybody's guess is as good as another's and if you feel that you should go ahead, by

all means do so.

Yours ever.

(Sgd.) Ronnie

## HARPER & BROTHERS

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N.Y.

March 25, 1957

Memorandum to: Leo Szilard

I'm expecting Hugh Moore at my house next Wednesday at 5:15 and hope that you can be there. Moore has asked whether he could bring his associate Tom Griessemer along.

Cass Canfield

CC:clp

P.S. I'm sending a copy of this memo to Bill Doering in the hope that he might be in town on Wednesday and could be present also.

\* the 27th

Cunfreld HARPER & BROTHERS Publishers Since 1817 49 EAST 33D ST., NEW YORK 16, N.Y. CHAIRMAN OF THE EDITORIAL BOARD March 28, 1957 Memorandum to: Leo Szilard William Doering Julian Huxley has just written me as follows: "I know nothing about Sanderson and Gulbenkian Foundation isn't in the phone book! but I have got in touch with Lord Radcliffe, who has had a good deal to do with the Gulbelkian Foundation, and says he knows you already, and would be delighted to see you when you are over. However, he continues: 'It would not be kind to let him think that there is any real likelihood of the Gulbelkian Foundation giving money for a research institution proposed from the U.S. The London Office is being set up to deal with U.K. and Middle East. And if he goes to Lisbon, he will almost certainly meet with the Portuguese reaction "why pick on us". What about Rockefeller and Ford? "I must say I agree with him, that you are much more likely to get support from the Ford Foundation." I am replying to the effect that I look forward to talking with him in London and that there might be a possibility of setting up the Institutes in England. Cass Canfield CC:clp

March 28, 1957

Dear Hught

I was extremely sorry that you couldn't come to my house yesterday afternoon to meet Leo Szilard and William Doering. However, we had a good talk with Tom Griessemer and he was very helpful in his advice.

In my absence abroad, I hope that you and Doering can have a talk. He is a highly intelligent person and a first-rate scientist, whom you'll find worth meeting.

I've taken the liberty of suggesting to Doering that he get in touch with you.

As ever,

Mr. Hugh Moore Dixie Cup Company Easton, Pennsylvania

Cass Canfield:clp

P.S. I shall look forward to seeing you on my return from Europe.

Copies to: Dr. William Doering
Dr. Leo Szilard

March 28, 1957

Dear Mr. Abrams:

I hope that during my absence abroad there will be an opportunity for you to talk with William Doering, who together with Leo Szilard drafted the memorandum I sent you. You'll find Doering a highly intelligent person as well as a first-class scientiest.

I've taken the liberty of suggesting to Doering that he phone you sometime for an appointment. His opinion, by the way, on the matter you mentioned to me in confidence would be extremely valuable.

Sincerely yours,

Mr. Frank W. Abrams Standard Oil Company of New Jersey 30 Rockefeller Plaza New York, New York

Cass Canfield:clp

P.S. I shall look forward to seeing you on my return from Europe.

March 29, 1957

Dear Mr. Gustavson:

At the suggestion of Leo Szilard, I am sending you a memorandum prepared by William Doering and himself as well as an appendix signed by Szilard. These documents relate to the possible establishment of two Institutes in the field of public health.

I have been much interested in the plan outlined by these two scientists and feel that it provides the only effective solution to the problem of finding an answer to the threat of overpopulation.

I understand that Szilard will be in Washington for two or three weeks after the 20th of April. He hopes to see you there and I trust that by the time he gets in touch with you, there will have been an opportunity for you to read the enclosed documents.

Sincerely yours,

Reuben G. Gustavson, Esq. 6309 Newburn Drive Washington 16, D. C.

Cass Canfield:clp

Camprell HARPER & BROTHERS Publishers Since 1817 49 EAST 33D ST., NEW YORK 16, N. Y. CHAIRMAN OF THE EDITORIAL BOARD April 2, 1957 Dear Leo: Bill Doering talked to me on the phone about his conversation with Norman Cousins and is writing you about it. Cousins showed real interest and gave Bill some interesting leads in Texas, which he'll be following up on a special trip soon. I've assured Bill that, as is only fair, he would be refunded for his expense. I had an interesting talk yesterday at lunch with Bill Jackson. He, too, is concerned with the problem and I've arranged that he and Doering should get together soon for further exploration. Jackson would appear to have access to some important sources of funds like Vincent Astor and Buz Henry at Princeton. Apparently, Henry still manages a fund of some size, which, I suppose, derives from the Payne Whitneys. Archie Alexander was to have lunched with me today, but cancelled it on account of the flu. If it seems advisable, I'll get in touch with him on my return. Let me say once again how grateful I am to both you and Bill for the time and energy you've given to our project. It has been fun, too, and I certainly have hopes that we'll get some results before too long. As ever. Dr. Leo Szilard The Enrico Fermi Institute for Nuclear Studies University of Chicago Chicago 37, Illinois Cass Canfield:clp

# HARPER & BROTHERS

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49 East 33rd Street, New York 16, N. Y. 90 Great Russell Street London W.C.1.

12th April 1957

Dr. Leo Szilard, Enrico Fermi Institute for Nuclear Studies, University of Chicago. Chicago Ill.

Dear Leo,

Just a line to let you know that I missed seeing Commander Jackson in London. He has just left for New York and you may want to get in touch with him. I imagine that Jack Fischer in our office could track him down.

I have talked to Julian Huxley about the Gulbenkian Foundation and am now in touch with Lord Radcliffe. I'll let you know if anything develops from this.

I am rushing around here at a great rate and seeing many people.

All the best,

As ever,

Cass Canfield of

P.S. I am sorry not to be able to sign this letter myself but have had to leave the office.

CABLE ADDRESS: HARPSAM · TELEPHONE: MURRAY HILL 3-1900

May 1, 1957

Mr. Cass Canfield Harper and Bros., Publishers 49 East 33rd Street New York City, New York

Dear Cass,

I just received a copy of the letter Al Weinberg sent you. As you know, he is Director of the Oak Ridge National Laboratory, and I think we should think of him primarily, in view of his positive response, as a potential Affiliate Member. He has background in both physics and biology, and is greatly interested in the problems of the world.

With kind regards,

Sincerely,

Leo Szilard

#### HARPER & BROTHERS

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

May 29, 1957

Dear Leo:

I appreciate your having kept me informed during my absence abroad about certain developments. Over the week-end I shall be seeing Bill Doering, will go over various points with him and write you again early next week.

In the meantime I am enclosing a page of notes on the Memorandum which I thought I might attach to it in the future when I am bringing the memo to the attention of some interested individual. Will you let me know enther you think these notes are all right and suggest any changes that occur to you.

Also enclosed is a copy of a letter from Sir Robert Jackson, which struck me as extremely interesting. I have of course acknowledged this.

I shall bring both of the enclosures to the attention of Bill Doering.

I obtained in London a letter of introduction from Lord Radcliffe to Dr. Perdigao, of the Gulbenkian Foundation, and made a point of stopping in Lisbon to see the latter. Unfortunately Perdigao was away on a trip in the Near East but I had a talk with Jose Neves Raposo de Magathaes at the Foundation.

When we meet I will tell you more about this. For the moment, suffice it to say that I think it is very doubtful that we will get any help from Gulbenkian. The Portuguese have control of the Trustees and as Portugal is a Catholic country, I don't think there will be much sympathy for a proposal involving population control.

At least I did go to headquarters, having been advised by Radcliffe that Sanderson in London has little voice in decisions.

I wish you would let me know whether you would approve of my telling Ronald Tree that we would like to have him in the "inner group," He can be useful to us in connection with Ruth Field, he is of course much interested in population control and I'd like to talk to him before he leaves New York.

I was much interested in Alvin Weinberg's letter and if Bill agrees, I'd certainly go along with your idea of making him an affiliate member.

I understand you are now in Washington and hope that you will be around these parts soon so that we can get together with Doering.

As ever,

Dr. Leo Szilard
The Enrico Fermi Institute
for Nuclear Studies
University of Chicago, Chicago 37, Ill.

Carso

Cass Canfield ... RNH

## NOTES BY CC ON DOERING-SZILARD MEMORANDUM

The memorandum seems to me to summarize quite clearly the main features and purposes of the two proposed interdependent institutes in the field of public health which it describes. Written by scientists, it fails to emphasize what is obvious to them.

I have found, in discussing the memo with laymen, that they do not grasp the importance attached by the scientists to good and sympathetic working conditions. The scientists feel that there is no existing working setup where all the following conditions are met:

- (a) Freedom to do research without having to spend considerable time in teaching.
- (b) The opportunity to work from time to time on the application of theoretical discoveries.
- (c) The opportunity for the scientist to pursue a particular line of investigation without being placed under pressure to produce results to justify his work in other words, the opportunity to work without interruption in pure science.
- (d) The chance to work in close association with other outstanding scientists working in the same general field and to exchange ideas with them.

The eminent scientists who prepared the memo, and others who have approved it in principle, believe that institutes along the lines of those proposed would fulfill these conditions and would therefore attract outstanding talent to an extent no existing organization can command. Furthermore a new research center in the field of public health would be free from the incubus of set procedures and policies and should achieve results of great importance to mankind. Particular attention would be given to the method of choosing new personnel in the years following the establishment of the institutes so as to minimize, and if possible eliminate, any tendency to follow any set pattern of procedure.

The establishment of the proposed institutes should correct the serious lag that now exists in effectively attacking certain problems in the field of public health, particularly in the field of population control. The problems would appear to be soluble and the importance of find the answers to them does not need to be stressed.

ple aupheld May 31, 1957 Mr. Cass Canfield Harper and Brothers 49 East 33rd Street New York 16, New York Dear Cass, Many thanks for your kind letter of May 29th. far as I am concerned, please go ahead and tell Ronald Tree that we would like to have him in the inner group. At present I am snowed under with work and so I shall defer commenting on other aspects of your letter. My plans concerning the trip to Europe are changed. I am now definitely committed to giving a talk early in October in Berlin at the annual meeting of the German Chemical Society, and I might spend August in Europe and knock around during September in England, France, and Germany. I could make myself available to you during the first half of July and perhaps also the last half of June, but I might not be able to get away from Chicago during the first half of June. With kindest regards to you and Jane. Sincerely. Leo Szilard cc: William Doering

anfreld HARPER & BROTHERS Publishers Since 1817 CHAIRMAN OF THE EDITORIAL BOARD 49 EAST 33D ST., NEW YORK 16, N. Y. June 4, 1957 Dear Leo: Thank you for your letter of May 31st. Your trip to Europe sounds interesting and Bill and I walker, of course, very much have to see you before you leave. He and I will both be around in the first half of July. Bill is off to Texas at the end of this week and will be back the 17th. As ever, Cass Dr. Leo Szilard The Enrico Fermi Institute for Nuclear Studies University of Chicago Chicago 37, Illinois Cass Canfield:clp P.S. I shall take a long weekend off over the 4th of July, but otherwise will be around until the end of that month.

Canfretor June 26, 1957 Mr. Cass Canfield Harper and Brothers 49 East 33rd Street New York 16, New York Dear Cass. Doering sent me copies of the letters which he wrote to you about his exploits in Texas. I could not say with any real assurance that we would be in a position adequately to staff the Research Institute if it were put into Texas. The most desirable next step, it would appear, is for Doering to see Mrs. De Golyer on Cape Cod. I called Dr. Berelson at the Ford Foundation today, and learned from him that they still do not have a program director for science. As far as Berelson knew, McPeak will remain Vice President, and science will be under him. Berelson himself is leaving the Ford Foundation in the fall. I believe we must not give up the Ford Foundation as yet and will have to make another attempt when the time is propitious. I agree with Doering that before we can make further progress with the Ford Foundation we must have a better idea of whom we want to propose for Director of the Research Institute than we have at present. Doering seems to have a favorable view in this respect about Koprowski whom I would also favor, but I am not clear whether Doering has, in fact, met with him, as I suggested that he do. Continued June 28, 1957 I just had a longer chat with Berelson who is here today on a visit to Chicago. From this conversation I gained the impression that the Ford Foundation has rather definite ideas along what general lines they want to move with respect to the support of science, and that if we have to wait until they implement those ideas and get around to our problem, we may have to wait for several years. Therefore, it seems to me we ought to try to find out rather soon whether the Board of the Ford Foundation is likely to modify their policy and thereby make it possible for the officers of the Foundation to deal with our problem rather soon or whether, having set a policy, the officers will be kept busy implementing that policy and thus be deprived — for lack of time, if for no other reason — from thinking about the kind of Research Institute which we have proposed. From this I would draw two conclusions:

- a) A renewed effort ought to be made to work with William Jackson, and through him to discuss the whole issue with Jim Brownley, who is on the big Board of the Ford Foundation and whose wife has been active in Planned Parenthood. If Jackson comes to the conclusion that nothing much can be done with the Ford Foundation, maybe he would then be willing to help in other directions.
- b) If the Ford Foundation is out, it might be very difficult to get quite as much money as is needed. Therefore, we ought to think about the possibilities of economizing by placing the Research Institute in a country where research costs are lower. If we went, for instance, to Cambridge, England we could probably get by with one-half to one-third of the funds that would be needed in the U.S. even though a certain fraction of the salaries of American workers would have to be paid in dollars in order to enable them to meet family obligations. I would be rather optimistic about the possibility of staffing an institute in Cambridge, half with Americans and half with Englishmen. This optimism is based on my experience that our ablest young biologists find Cambridge very attractive. As a matter of fact, three of the very best ones will spend next year there, and among them is Renato Dulbecco (from Cal Tech). Incidentally, Dulbecco is one of those who could be considered for the directorship of the Research Institute.

Has any progress been made with Ronald Tree? And Mrs. Marshall Field?

From July 4th to 11th I shall be in Pugwash, Nova Scotia, Canada at the residence of Cyrus Eaton, attending a conference called by Bertrand Russell. You can reach me there if you want me to come to New York for a short visit. Otherwise, I shall probably return from Pugwash to Chicago.

In the meantime I have committed myself for September and early October to be in England and Germany.

With kind regards,

Sincerely,

Leo Szilard

m cc: Dr. William Doering

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CHAIRMAN OF THE EDITORIAL BOARD

49 EAST 33D ST., NEW YORK 16, N. Y.

July 2, 1957

Dear Leo:

Thanks for your letter of June 26th with the interesting information contained therein.

Enclosed is a memorandum which will explain the situation with Ruth Field. As to Ronald Tree, he went away again before I could do anything but talk with him on the phone. However, he is obviously interested in our project and helped me to gain access to Ruth Field.

The memorandum is, I think, self-explanatory, if somewhat gloomy. I feel it would be very useful as well as pleasant if you, Doering and I could meet on your way back from that horrid-sounding place in Nova Scotia. Would a dinner meeting on Friday the 12th in New York suit you or would you rather come out to our place in Mount Kisco and spend the night? We would love to have you in spite of the fact that Jane at the moment is ill with hepatitis. In suggesting the 12th, I am assuming that Bill will be available; if he is not, I'll get in touch with you.

As ever,

Ce81 -

Dr. Leo Szilard c/o Cyrus Eaton Pugwash, Nova Scotia Canada

Cass Canfield:clp

Copy to: Dr. William Doering

## Memorandum to Leo Szilard and William Doering

This memo will report on recent lunches with Ruth Field and William Jackson and my general state of mind about our project.

Ruth Field's reaction was interested and sympathetic; so this is a long term lead worth pursuing, although I would not make any more hopeful statement than that.

The situation with the Marshall Field Foundation is the following:

The Foundation's objective has been the improvement of race relations within the U.S. I got the impression that this objective might be broadened and I pointed out that population control would have great effect on race relations internationally. Buth Field said that Adlai Stevenson and Ralph Bunche were newly elected Trustees and mentioned (as I understood her) Alfred Barr as one of her Trustees and advisors.

The Trust's income, normally \$1 to \$2 millions a year, is basically derived from an office building. The building is now being air conditioned at a cost of around \$6 million so that there will be no income from the Trust for a couple of years.

Ruth Field showed interest in the broad aspects of our project including the possibility of political study and discussion. She was inclined to think that the institutes should be attached to a university and wondered whether, if that could be arranged, the university concerned might not provide funds for the buildings. (Jackson the next day ruled out Princeton as being too conservative and was more inclined to see an organization like the New York Hospital as the "canopy" over the institutes. As Bill Doering knows, Jackson is emphatic about the need of a "canopy".)

Ruth Field expressed the view that it would actually be better if the institutes were not fully endowed but rather had sufficient backing so that there would be every reasonable prospect of continuity. She apparently believes that fully endowed enterprises tend to get self-satisfied and soft.

She asked whether a small degree of required teaching — nothing like half time — was not an advantage. I did not feel qualified to answer this question and would like to do so in due course after getting your opinions.

She also asked about the Scandinavian pill and here again I'd appreciate information so that I can give her a reply.

I expressed the hope that in the early fall the three of us could meet with her and some of her Trustees including Stevenson and Bunche. It is my present intention to follow this up unless you gentlemen disagree.

\* \* \*

Bill Jackson was much impressed by Doering's personality. Moreover, he's interested in our objectives. I even got him to say that he'd seriously consider being one of our Trustees if our plans should show signs of materializing. He would be a real asset; he's tough, resourceful and imaginative; he has good

connections and is knowledgeable about raising money.

Though he did not say so in so many words, Jackson obviously regards the three of us as "babes in the woods" so far as fund raising is concerned. He feels that any new venture in the public interest needs a promotionally minded man who knows the money raising game. He regards our chances of success in obtaining necessary funds as possibly one in a hundred.

He would not be willing to approach anyone for money himself but has no objection to our using his name in getting at various people. He suggested that for advice I contact Dr. Bayne-Jones, who was in charge of preventive medicine in the war, and Dr. Barr, who used to be head of medicine at New York Hospital. He said that these men were wise and "knew the game" and would give useful advice including that on our chances of obtaining the funds we require. He suggested that if the attitude of these two men were encouraging, I should then contact Ernst Mahler at Neenah, Wisconsin. Mahler, according to Jackson, is a remarkable man and an excellent practical scientist, who set up an institute for chemistry in connection with the paper industry. He's rich himself and has access to people with money. It was Jackson's opinion that if these three individuals were favorably inclined toward our project, there would be a chance of making progress with such people as Joan Payson (who set up the rheumatic fever foundation), Vincent Astor and Barclay Henry. Otherwise, not. (Jackson also mentioned James Brownlee, a Trustee of the Ford Foundation, and John D. Rockefeller, 3rd as men worth getting in touch with at a later stage.)

\* \* \*

I feel that the time has come to take stock of our situation and to take a cold, hard look at our activities and prospects. We all thoroughly believe in the project we are advocating, but there is little point in batting our heads against a stone wall if we are indeed confronted by such. All of us are busy people and there are many things each of us wants to do.

There's no doubt in my mind that whereas I, personally, <u>may</u> have achieved just a passing grade in drumming up some interest to date, I neither have the time nor the qualifications to be the real spark from now on, although I'm willing to try and help in one way or another so long as such activity might lead to results. What we need is a full-time or at least a nearly full-time person to carry the promotional ball. Such a man should be strongly promotional minded, know the foundation and money raising game and it certainly would help if he had a knowledge of science. Harrison Brown might fill the bill. If he were guaranteed a substantial salary for a year and then promised the job of Director of the project in the event of its materializing, would he be available? Of course another question and a difficult one would be: Could we find \$50,000 or more to finance Brown for a year?

This is what I propose to do with your approval as the next step or steps: Contact Bayne-Jones and Barr; subsequently Mahler, and get their opinions. If they are generally negative, I would see little hope of accomplishing what we have set out to do; if they are reasonably encouraging, I would then favor the idea of trying to sign up Brown or an equivalent if we can find him on the kind of basis I have outlined above. Your views would be appreciated.

- P.S. Since writing the above, I've had these further thoughts:
- 1. The problem of finding \$50,000 to finance "a Brown" is a pretty tough one, but not hopeless. Should the plan of obtaining the services of such a man for a year seem practical two or three months hence, I would hope we could call a meeting of certain interested people to discuss ways and means: Ronald Tree, Ruth Field, Mary Lasker, Bill Jackson and possibly Adele Levy.
- 2. I am basically worried about the reports that keep coming in about the discovery of the pill, although I know from talks with Doering and others that it will be several years before the possibility exists of finding a pill that is both safe, practical and easy to take. The fact is (or so it would seem) that there's a pretty good chance of finding a safe pill within a few years.

Now this possibility has a strong, adverse effect on our ability to raise money for permanent institutes; some people will contribute toward achieving population control but very few will do so for the more general cause of establishing a first-class center of research in public health. Beyond that, there exists in my mind the fundamental doubt about the advisability and practicability of establishing permanent institutes to work in fields other than that of population control.

CC

Cass Canfield:clp

fole; Canfreld July 19, 1957 Mr. Cass Canfield Harper and Brothers, Publishers 49 East 33rd Street New York City, New York Dear Cass, I have just returned from Nova Scotia to Chicago. When I have a chance I will discuss with Harry Brown the possibility of his taking over for a period of a year, but I think it very doubtful that he will agree, and I am not sure that it would be good if he did. I think that Harry would be in a weak position if he tried to raise funds for the Institute with the understanding that he will be the Director of the Institute. I agree with you though in principle; we could use someone like Harry Brown on a full-time basis. For the time being I can think of nothing else but to try slowly to enlarge the circle of conspirators. Colonel Richard S. Leghorne is leaving Kodak to join the Rockefeller Brothers. His headquarters will be in Boston but he will spend much time in New York. Since he told me spontaneously -- without knowing that I was interested in this field at all -- that he regarded population control as a No. 1 problem, and that he would be inclined to devote his life to its solution if an opportunity offered itself for him to be effective in this regard, I believe it would be a good thing if you and Doering had a chat with him. Perhaps you could write Colonel Leghorne, in care of the New York address of Rockefeller Brothers, send him the memorandum and the appendix, and say that I suggested that Doering and you have an informal chat with him about our troubles. I was impressed by the reasons given by Aga Khan (the III) for naming his grandson rather than one of his sons as his successor. In retrospect it seems that it would have been worthwhile to talk to him about our problem. The new Aga Khan, Prince Karim, might or might not be in a position to help us. Since his room-mate at Harvard is John Fell Stevenson, it should not be too difficult for you to approach him and to have a chat with him sometime during the coming twelve months.

Prince Karim might, of course, not be of any use to us and I mention him mainly because I want to emphasize that this is a big, wide world and am reluctant to accept the thesis that the outcome of the issue which we have raised depends on three individuals -- Dr. Bayne-Jones, Dr. Barr, and Ernst Mahler. The trouble with the three cf us is that we are interested but not "possessed."

It seems to me that we have two additional troubles: we cannot as yet definitely say who the Director of the Institute might be and our group of conspirators does not cover a sufficiently wide spectrum. As a result of this the possibility of obtaining funds from circles close to Wall Street looms too large in our minds. It would not be practicable for us to enlarge the circle of conspirators beyond the range of people who reside on the East Coast; i.e., Boston, New York, Philadelphia, or Washington, and I believe that the next time we meet we ought to examine whether we have done our best in this respect.

With kindest regards.

Sincerely,

Leo Szilard

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P.S. You did not say over the telephone how Jane is doing but I have assumed that she is on the way to full recovery. Please give her my kind regards and the best consolation I can give, viz.: I understand that the disease confers immunity against recurrence.

forte Comprelol October 2, 1957 Mr. Cass Canfield Harper and Brothers, Publishers 49 East 33rd Street New York City, N.Y. Dear Cass, I am off to Europe on Thursday, the 3rd. Between 1:00 p.m. and 5:00 p.m. I shall be at Idlewild, waiting for my connection and seeing a few people. I shall call you over the telephone. Attached is a memorandum which I am sending to you and the other members of our conspiracy, and we might discuss this and other things also over the telephone. Upon my return from Europe, I hope to sit down with you and Doering and perhaps we can reach a decision on what to do next. With kindest regards, Sincerely, Leo Szilard Encl. cc: Dr. William Doering P.S. I am booked on a flight of S.A.S., leaving Idlewild at 5:00 p.m. for Hamburg, Germany, and I could pick up a message left c/o S.A.S. at Idlewild shortly after 1:00 p.m. when I check my baggage.

# THE UNIVERSITY OF CHICAGO

CHICAGO 37 · ILLINOIS

THE ENRICO FERMI INSTITUTE FOR NUCLEAR STUDIES

October 2, 1957

# MEMORANDUM

From: Leo Szilard

To: Mr. Cass Canfield

Dr. William Doering

Dr. Harrison Brown

Dr. Fritz Lippmann

Dr. H. J. Muller

Dr. Linus Pauling

I am leaving for Europe on October 3rd, and expect to be back in about four to six weeks. At that time I hope to get together with Dr. Doering and Mr. Canfield, and review our chances of raising funds within the confirms of the United States for the Research Institute which we have been discussing. It is conceivable that we might have to decide to abandon further efforts to raise these funds in the United States.

Since this might be our conclusion, I wish to raise an issue with you at this time, in order to give you time to think about it so that I may have the benefit of your thinking upon my return from Europe. This issue is as follows:

In general, it is customary to think in connection with the problems of underdeveloped countries in terms of attempting to solve such problems with the help of American funds and "native" manpower. Oddly enough, in connection with the problem of birth control, the appropriate solution might be exactly the opposite. America has the scientific manpower but for various reasons American funds appear to be unavailable for an adequate research effort devoted to this problem. In these circumstances I feel tempted to put to you the following proposal:

Let us set up an endowment fund in some neutral country, perhaps in Switzerland, perhaps elsewhere, of about 20-25 million dollars, put together out of contributions solicited from the Chinese, the Russian and Indian governments. The Associate Members of the Institute may serve as the Trustees of this fund.

The income should be used to operate a Research Institute located in England -- either in London or in Cambridge -- which would draw its permanent scientific staff from England and America. The Research Institute would serve three purposes: 1) It would engage in basic biological work with particular emphasis on molecular biology. 2) It would pursue practical application in the general domain of public health, with particular emphasis on the problem of birth control. 3) It would train scientists drawn from China, Russia and India, as well as from other scientifically underdeveloped countries in research in modern biology.

In submitting this proposal to India, one would have to present the plan to Nehru. Prior to doing so, it might be advisable to discuss the matter with Krishna Menon on the occasion of one of his visits to New York. In the case of Russia, one would probably have to present the plan to Krushchev, but prior to this it might be advisable to take up the matter with the Russian Academy of Sciences. In the case of China one would want to present the plan to Chou-Rh-Lai, and I do not know as yet what intermediate step would be most appropriate prior to such presentation.

One could not expect from India more than a token payment and the main financing would have to come from Russia and China. Russia has greater resources than China but, on the other hand, the problem is more important for China and the importance of this problem is now clearly recognized by the Chinese government.

I think it would be necessary for us to say why it is not possible to raise the funds in the United States in spite of the fact that the problem is clearly recognized and in spite of our professed interest in the problems of underdeveloped countries. My own answer to this is as follows: (1) Cur professed interest in underdeveloped countries is based on a short-range political interest or on our desire to alleviate suffering on an emergency basis. In either case our interest does not go very deep. (2) Those who control the funds of the large private foundations are almost as conservative in their disbursement -- sometimes they are more conservative -- than the agencies of the U.S. Government. (3) There is an almost imperceptible, yet appreciable, Catholic influence that seems to play in this case the role of the straw that breaks the camel's back.

Canfield! HARPER & BROTHERS Publishers Since 1817 CHAIRMAN OF THE EDITORIAL BOARD 49 EAST 33D ST., NEW YORK 16, N. Y. October 14, 1957 Dear Leo: Thanks for your memorandum of October I admire your imagination and ingenuity in seeking every possible solution to the problem of establishing the Institutes in which we are interested. However, I doubt the practicability or advisability of your plan for setting up the Institutes in England which is outlined in paragraph 4 of the memorandum. I feel strongly that if funds are obtained from Communist and neutral countries, such funds should be balanced by contributions from non-Communist countries. I look forward to seeing you on your return from abroad and hope that on the other side of the water, you may come across some productive leads. As ever, Dr. Leo Szilard The Enrico Fermi Institute for Nuclear Studies University of Chicago Chicago 37, Illinois Cass Canfield:clp

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49 EAST 33D ST., NEW YORK 16, N.Y. MURRAY HILL 3-1900 · CABLE: HARPSAM

March 25, 1963

Dear Leo,

I have just a few copies left of the memorandum to which you refer and I'm sending you three.

I shall look forward to talking with you when you're next in New York.

As ever,

C688)

Dr. Leo Szilard Hotel Dupont Plaza DuPont Circle and New Hampshire Ave.NW Washington 6, D. C.

Cass Canfield ... rm