

*for files*

516 Nardo Ave.  
Solana Beach, Cal.  
May 10, 1964

Dr. Leo Szilard  
The Salk Institute for Biological Studies  
La Jolla, California

Dear Dr. Szilard:

I attended a public lecture and panel discussion at UCLA on "The Challenge of Psychical Research" by Dr. Gardner Murphy and his coworkers, last Sunday evening. The meeting was well attended by over 2000 people, including many with academic backgrounds.

Dr. Murphy gave an interesting talk on the requirements for replication and model building and testing. He indicated that there remained a great deal of work to do and that the time was ripe for major developments in the field. He took the physicists somewhat to task for not contributing more to the field. In particular he took your name in vain when referring to your lack of interest in his work at Columbia.

I was wondering if your work in biology might have led you to any renewed interest in phenomena in the field of parapsychology. I have been participating in some investigations recently which may prove to have a fruitful approach. I was at Harvard in 1942 when some of the earlier work was going on. My background is in physics, and I have a keen interest in what I feel is going to be a growing field of biophysics. I would appreciate some of your opinions in this area.

Sincerely Yours,

*H. Prescott Sleeper*

H. Prescott Sleeper, Jr.

*P.S. I notice that NASA is taking a current interest in the area.*

May 12, 1964

Mr. H. Prescott Sleeper, Jr.  
516 Nardo Avenue  
Solana Beach, Calif.

Dear Mr. Sleeper:

I have your letter of May 10 and I would suggest that you call me at your convenience over the telephone, during office hours, at 453-4100. We might then discuss how we might get together and have a chat about your interest in biophysics.

Sincerely,

Leo Szilard

LS:jm

516 Nardo Ave.  
Solana Beach, Cal.  
May, 16, 1964

Dr. Leo Szilard  
The Salk Institute for Biological Studies  
San Diogo, California

Dear Dr. Szilard,

I enjoyed our little talk and luch the other day very much, and I hope it proved to be of some interest to you also. While we were able to cover only some rather superficial aspects of the subject at hand, I hope it served as a somewhat provocative introduction.

On a somewhat deeper level, I have a very strong conviction about the reality of psi phenomena and from my personal experience I believe that their existence have met the fundamental truth requirements of correspondence, coherence and pragmatism. However, before it can be scientifically proven, the scientists have to be aware that there is a problem to solve. So far, the identification of psi phenomena with the Middle Age's superstitions has prevented a major effort in this field. So far, my awareness of the problem has led me to start to collect data, preparatory to generating some kind of working hypothesis for testing.

Dr. A. Punarich has made an important start on the the neurophysiology of "ESP" phenomena. by demonstrating that an excess of acetylcholine in the system acts to dramatically improve both mental telepathy and clairvoyance for the receiver, and an excess of adrenaline in the system promotes "sending" telepathically. He also discusses multiple link telepathy. He has run controlled experiments by inducing cholinergia with drugs, negative ions in the atmosphere, and alcohol. For studies with adrenaline, he utilized a mild electric shock to stimulate the sender. Exceptional receiving ability was correlated with a massive activation of the parasympathetic nervous system. These experiments were done largely with especially sensitive people who had demonstrated a marked degree of ESP ability without control stimulation.

I am sure that Dr. Robert Lynch in La Jolla would be glad to talk to you about his research program. I wish that I had had more opportunity to learn about your work on the central nervous system. Dr. L. Fogel in the Cybernetics program at General Dynamics/ Astromautics would be the ideal person to contact with respect the similar interests. Dr. Warren McCulloch from MIT was here recently and is actively engaged in the area also, as you are no doubt familiar.

Best regards, Scott Sleeper

Thanks again for the lunch. Please give my regards to Dr. Falk and Burke. Also don't forget me. I worked with him at BNL.

Yours, N.Y. <sup>as per my letter of</sup>  
M.L. Jr., 10/23

Dr. Leo Salsbury  
The Gaslik Institute for Biological Sciences  
Sav Difoso, Director

Dear Dr. Salsbury

I enjoyed our little talk and offer you a very warm say I hope it proves to be of some interest to you also. My wife we have ample time now to do some research. I hope it serves as a somewhat provocative introduction.

On a somewhat deeper level, I have a very strong conviction about the feasibility of the improvements and improvements in the development of the best equipment available. I believe that there exists a large market for the manufacture of certain components of the industry which have been developed by the scientific community. However, before this can be done it is necessary to have a basic understanding of the fundamental principles involved in this field. In addition, we must be aware of the developments which are taking place in other fields to meet the needs of society. This will require a considerable amount of time and effort, but it is essential to do so if we are to succeed.

Dr. A. Lissner has made an important start on the use of hemodynamics for "wet" procedures. By combining surgery with the latest techniques of soft tissue surgery, he has been able to excess of soft tissue to the extent that he can now perform operations such as skin grafts, muscle transpositions, and bone grafts. He has also developed a technique for repairing tendons and ligaments, which is particularly useful in the treatment of fractures and dislocations. His work has been widely recognized and he has received many awards and honors for his contributions to the field of orthopedics.

I am sure that Dr. Lissner's plan in this regard will be successful. I wish him every success in his efforts to develop a better way of performing orthopedic surgery. He has already shown great promise in this field and I am confident that he will continue to do well. I hope that his work will help to improve the quality of life for many people around the world.